STRATEGIC ISSUES RELATING TO WORLD-CLASS PERFORMANCE WITHIN A GLOBAL MANUFACTURING COMPANY.

By

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Confidentiality Clause

15 September 2003

To Whom It May Concern:

Re: Confidentiality Clause

Due to the strategic importance of this research it would be appreciated if the contents remain confidential and not be circulated for a period of five years

Sincerely

P.N. Pillay
DECLARATION

This research has not been previously accepted for any degree and is not being currently submitted in candidature for any degree.

..........................

P. N. Pillay

September 2003
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ABSTRACT

The objective of grand corporate strategy is the attainment of a sustainable competitive advantage; it defines the company and its business, and selects the means of converting strategic intent into competitive advantage. In addition, a company must formulate its business and functional strategies. These are subordinate to the grand strategy and as such, determine and reveal the corporate purpose and goals, produces the company’s principal policies and plans, and provides guidelines for its business units and functions to achieve these goals. At the level of a business unit, strategy aims to differentiate the company from its competitors by creating a unique source of value provided. This determines the company’s distinctive competency, which is not what it can do well but what it can do better than its competitors. It is this distinctive competency that must be created if a company is to successfully align resources and processes to create a competitive advantage. As the world becomes a global market, the standards applied to “World Class Performance” takes on a common meaning across international boundaries. South African companies are not exempt and have to compete on a global arena. Global competitiveness has never been more intense as firms scan the world for the right mix of technology, skills, cost and stability. The main area to be researched that was highlighted is an evaluation of what can be done to improve the current strategic practices of the company to a level that exceeds that of world-class companies. By elicitng responses from employees, the researcher hopes to conduct an industry evaluation, generate strategy and culture profiles and utilise these profiles to determine the current position of the company. Based on the findings, recommendations would be made to develop an improvement plan for the company.
CONTENTS

CHAPTER 1: INTRODUCTION

1.1 Introduction .................................................1
1.2 Background review ...........................................2
1.3 Motivation for conducting the research ......................4
1.4 Value of the study ..........................................4
1.5 Problem statement .........................................5
1.6 Research objectives ........................................5
1.7 Research design ............................................6
1.8 Limitations ................................................8
1.9 Structure of the study .....................................8
1.10 Summary ..................................................9

CHAPTER 2: THE STRATEGIC MANAGEMENT MODEL

2.1 Introduction .................................................10
2.2 Decision Making Within An Organisation ..................11
2.3 The Importance Of An Organisational Strategy ............12
2.4 The Strategic Management Process ........................13
2.5 The Strategic Planning Phase ..............................14
2.5.1 Developing the Mission ..................................14
2.5.2 Establishing the Vision and Goals .......................16
2.5.3 The Objective-Setting Process ..........................17
2.5.4 The Organisation’s External Environment ..............20
2.5.4.1 Understanding The Nature Of The Environment ......22
2.5.4.2 Auditing Environmental Influences ...................23
2.5.5 Scanning and forecasting Of the Remote Environment ..23
2.5.6 Industry Environment ................................25
2.5.7 Competitive Analysis ..................................25
2.5.7.1 The Industry’s Economic Features .................26
2.5.7.2 Competition Within The Industry ....................27
2.5.7.3 Driving Forces within the Industry ..................35
2.5.7.4 Identifying The Organisation's Competitive Position .................37
2.5.7.5 Monitoring The Strategic Moves Of Rivals .................................38
2.5.7.6 Key Factors For Competitive Success .......................................40
2.5.7.7 Attractiveness Of The Industry ...............................................41
2.6 Globalisation .................................................................41
2.7 The Internal Environment ......................................................44
2.7.1 Evaluation Of Current Strategy ...............................................45
2.7.2 Swot Analysis ...............................................................45
2.7.3 Core Competency Analysis ....................................................49
2.7.4 Analysing Pricing And Cost Competitiveness ...............................51
2.7.5 Industry Life Cycle ..........................................................53
2.7.6 Benchmarking ...............................................................55
2.8 The Strategic Role And Objectives Of The Operations Function ............56
2.8.1 The Role of the Operations Function .........................................57
2.8.2 Judging The Operations Contribution ........................................58
2.8.3 The Five Performance Objectives ............................................59
2.9 Strategic Control And Continuous Improvement ..............................59
2.9.1 Operations Improvement .....................................................59
2.9.1.1 Performance Measurement .................................................59
2.9.1.2 Performance Standards ...................................................60
2.9.1.3 Approaches To Improvement ...............................................60
2.9.2 Failure Prevention And Recovery .............................................63
2.9.3 Total Quality Management ....................................................64
2.10 The Operations Strategy Challenge ............................................65
2.11 Conclusion ............................................................................67

CHAPTER 3: PRESENTING BSN MEDICAL

3.1 Introduction .............................................................................69
3.2.1 The Joint Venture ...............................................................69
3.2.2 Portfolio of Leading Brands ................................................70
3.2.3 New Opportunities .............................................................71
3.2.4 BSN Medical Around The World ............................................71
3.2.5 The First Nine Months of Operation ........................................ 72
3.2.5.1 Wound Care ................................................. 75
3.2.5.2 Phlebology .................................................. 75
3.2.5.3 Casting and Bandaging ........................................ 75
3.2.5.4 Regional Sales Review ........................................ 77
3.3 Review of The First Year of Operation ........................................ 77
3.3.1 Wound Care ..................................................... 79
3.3.2 Phlebology ...................................................... 79
3.3.3 Casting and Bandaging ............................................. 80
3.4 Vision and Value ................................................... 80
3.5 Re-organisation Strategy ............................................... 81
3.6 BSN Medical South Africa ............................................ 82
3.7 BSN South Africa’s Improvement Strategy .............................. 84
3.7.1 Overview of The Best Operating Practice Project .................. 85
3.8 Healthcare Trend Analysis ........................................... 88
3.9 Factors Affecting the Medical Industry .................................. 89
3.10 Conclusion .......................................................... 90

CHAPTER 4: EVALUATION OF BSN MEDICAL

4.1 Introduction ....................................................... 91
4.2 The Evaluation Process ............................................ 91
4.2.1 Industry Assessment ......................................... 92
4.2.2 The Strategy Dimension .................................... 103
4.2.3 The Culture Dimension .................................... 108
4.3 Conclusion ....................................................... 112

CHAPTER 5: RECOMMENDATIONS AND CONCLUSION

5.1 Introduction ....................................................... 113
5.2 Recommendations on the Strategy Profile ............................ 113
5.3 Recommendations on the Culture Profile ............................. 116
5.4 Overall Summary of the Strategy and Culture Profiles ............. 119
5.5 The Immediate action plan for BSN Medical ....................... 119
5.6 Conclusion ................................................................. 122

BIBLIOGRAPHY ............................................................... 123

APENDICES
1. Appendix 1- The Interview Questionnaire .................... 128
LIST OF FIGURES

Fig. 1.1 Performance Gap Analysis ........................................ 1
Fig. 2.1 Strategic Management Structure ............................... 12
Fig. 2.2 The external environment ....................................... 20
Fig. 2.3 Steps in environmental analysis ............................... 21
Fig. 2.4 Approaches to making sense of the environment .......... 22
Fig. 2.5 The competitive environment .................................. 28
Fig. 2.6 Strategic group maps ............................................. 38
Fig. 2.7 International strategy options ................................. 43
Fig. 2.8 International strategy options ................................. 44
Fig. 2.9 Mobilising the company resources to produce competitive advantage ........................................ 47
Fig. 2.10 SWOT Analysis diagram ....................................... 49
Fig. 2.11 The value chain .................................................. 52
Fig. 2.12 Life cycle matrix ............................................... 54
Fig. 2.13 Benchmarking compliments other tools ................. 56
Fig. 2.14 A general model of operations management and strategy .... 57
Fig. 2.15 Hayes and Wheelwright’s four-stage model ............ 58
Fig. 2.16 Performance breakthrough improvement .............. 61
Fig. 2.17 The pattern of continuous improvement ............... 61
Fig. 2.18 The PDCA cycle ................................................ 62
Fig. 2.19 A model of the strategic management process .......... 68

Fig. 3.1 Sales by global business unit .................................. 73
Fig. 3.2 Employees by region ........................................... 74
Fig. 3.3 Sales by region .................................................. 77
Fig. 3.4 Sales by major market ......................................... 78
Fig. 3.5 Sales by business unit ......................................... 78
Fig. 3.6 The operational excellence project ......................... 82
Fig. 3.7 The best operating practice project ....................... 85
Fig. 4.1 Strategic Direction ............................................. 104
Fig. 4.2 External Communications ..................................... 104
| Fig. 4.3 | Long Term Orientation | 105 |
| Fig. 4.4 | Core Competence | 106 |
| Fig. 4.5 | Customer Focus | 106 |
| Fig. 4.6 | Strategy Profile | 107 |
| Fig. 4.7 | Empowerment | 108 |
| Fig. 4.8 | Corporate integrity | 109 |
| Fig. 4.9 | Involvement in leadership | 109 |
| Fig. 4.10 | Motivation to commitment | 110 |
| Fig. 4.11 | Culture profile | 111 |
| Fig. 4.12 | The competitive matrix | 112 |
LIST OF TABLES

Table 2.1 Balanced Scorecard: Summary of Strategy perspectives ........... 19
Table 2.2 Summary of the five forces ...........................................34

Table 4.1 From which technological revolution does your industry stem?....... 92
Table 4.2 If you answered A or B above, would you say that its focus is mainly on specialist, high quality and relatively high technology parts of the market? .......................................................... 93
Table 4.3 How has your industry been affected so far by the new technologies? ........................................................................... 93
Table 4.4 To what extent do you envisage it will be affected over the next 5 years? ........................................................................ 94
Table 4.5 At what stage of technological development (i.e. on its S-curve) is your industry? .......................................................... 95
Table 4.6 Does the current technology fully satisfy customer requirements? ... 95
Table 4.7 Is continuous innovation the norm for participants in your industry?... 96
Table 4.8 Does your industry have open technological communications? .......... 96
Table 4.9 Is your industry’s basic technology developing fast? ..................... 97
Table 4.10 Are the leading firms in your industry managed by finance professionals? ........................................................ 98
Table 4.11 Is technological competence more important than cost efficiency? .... 98
Table 4.12 Does your industry have an active research organisation? ............ 99
Table 4.13 Does knowledge of new technological innovations spread quickly in your industry? ...................................................... 99
Table 4.14 Is your industry heavily unionised? ....................................... 100
Table 4.15 Do you believe typical junior managers in your industry frequently work long hours without overtime pay? ....................... 100
Table 4.16 Has your industry seen much structural change as a result of new technology? .......................................................... 101
Table 4.17 Are the leading firms in your industry long established? .............. 101
Table 4.18 Do the 'big three' firms in your industry have around 50% or more market share? ....................................................... 102
Table 4.19 Is your industry subject to a lot of overseas competition? ..........102
Table 4.20 Is the price the main competitive weapon? .........................103
CHAPTER 1: THE INTRODUCTION

1.1 INTRODUCTION

As the world becomes a global market, the standards applied to "World Class Performance" take on a common meaning across international boundaries. South African companies are not exempt and have to compete on a global arena.

Global competitiveness has never been more intense as firms scan the world for the right mix of technology, skill, cost and stability.

This study proposes to analyse the strategic issues relating to world-class performance of the company by means of a case study approach using the gap analysis technique. The analysis in a broad context would involve analysing the following phases:

- **Phase 1** – An assessment of the industry – to establish the dominant features and position the company.
- **Phase 2** – An assessment of strategy and culture – to determine profiles and position the company within a competitive matrix. This will establish the current position of the company and form the springboard for evaluation and improvement.
- **Phase 3** – The recommendations that would establish a set of criteria to position the company into the future.

![Performance Gap Analysis](image)

**Figure 1.1 – Performance Gap Analysis**
1.2 BACKGROUND REVIEW

Thomas James Smith, a pharmacist, set up a chemist shop in Hull, on England’s north East Coast in 1856. Forty years later, in 1896, he invited his nephew, Horatio Nelson Smith, to join him in the business; this is how Smith & Nephew came into existence. It was H.N. Smith who came to South Africa in the early 1920’s to assess the potential market for the company’s products. In 1931 Smith & Nephew limited was registered as a company in South Africa to import and sell the products manufactured by the parent company in the United Kingdom.

Smith & Nephew, South Africa opened its first factory in Pinetown on 02 July 1955, Manufacturing Elastoplast, Gypsona, Plaster of Paris and Jelonet. In April 2001 Smith & Nephew and Beiersdorf formed a joint venture manufacturing facility called BSN medical. In South Africa, only the operations division of Smith & Nephew was included in the joint venture.

BSN medical, South Africa has manufacturing sites in Pinetown, eZakheni and iSithebe and now employs approximately 730 people, most of whom work in Pinetown. The South African head office is in Pinetown. At present the company uses the services of Smith & Nephew for HR, IT and Finance but this is in the process of changing as the company grows and develops. The company products are also exported to many African countries, South East Asia, Australia, and Europe.

The concept of “World Class” is widely spoken about. Every management bookshop is filled with eloquent works describing what World Class Performance looks like, but very few describe clearly how to get there. World Class has been defined in many ways from "a new approach to business" to "setting standards that the competition can't beat". “World Class is a process of improving more than one thing at a time, and by doing it over the long term ... it is a synergy between different improvement efforts and the need for commitment at all levels in the company to achieve total, systematic enlistment." http://www.index.co.za/wc/

By systematically studying the best business practices, operating tactics and winning strategies of others, an individual, team or organisation can accelerate its own progress and improvement.
The history of innovative adaptation is arguably as old as humankind. For millennia people have observed good ideas around them and adapted those ideas to meet their needs and situations. Fred D. Bowers, Digital Equipment Corporation's benchmarking program manager, muses that the second person to light a fire" is humankind's first bench marker. Bowers' logic: the second fire-starter observed the first fire-starter and then borrowed the practice.

Bench marking’s linguistic and metaphorical roots lie in the land surveyor's term, where a benchmark was a distinctive mark made on a rock, wall or building. In this context, a benchmark served as a reference point in determining one's current position or altitude in topographical surveys and tidal observations. In the most general terms, a benchmark was originally a sighting point from which measurements could be made or it implied a standard against which others could be measured.

In the 1970s, the concept of a benchmark evolved beyond a technical term signifying a reference point. The word migrated into the lexicon of business, where it came to signify the measurement process by which to conduct comparisons. In the early 1980s, Xerox Corporation, a leader in the business process of benchmarking, referred to benchmarking in rather narrow terms that focused primarily on comparisons with one's primary competitors. "Benchmarking is the continuous process of measuring products, services, and practices against the toughest competitors or those companies recognised as industry leaders," observed former Xerox CEO David Kearns.

Hamel (1990) argues that a company's competitiveness derives from its core competencies and core products (the tangible results of core competencies). Core competence is the collective learning in the organisation, especially the capacity to co-ordinate diverse production skills and integrates streams of technologies. It is also a commitment to working across organisational boundaries. Ambrosini (1988) goes on to further summarise a definition, which says that the core competence of an organisation is its enabling culture, its motivation and applied skills. The core competence approach enables organisations to achieve organic growth by building on their core strengths and unique capabilities.

According to Hamel (1994), change is inevitable, the real issue for managers is whether that change will happen belatedly, in a crisis atmosphere, or with foresight, in a calm and considered manner; whether the transformation agenda will be set by a company's more prescient competitors or by its own point of view, whether
transformation will be spasmodic and brutal or continuous and peaceful. They further suggest that developing a point of view about the future should be an ongoing project sustained by continuous debate within a company, not a massive one-time effort. Unfortunately, most companies consider the need to regenerate their strategies and reinvent their industries only when restructuring and reengineering fail to halt the process of corporate decline. To get ahead of the industry change curve, to have the chance of conducting a bloodless revolution, top managers must recognise that the real focus for their companies is the opportunity to compete for the future.

1.3. MOTIVATION FOR CONDUCTING THE RESEARCH

BSN medical South Africa will be required on an increasing basis to supply cost effective, high quality products to both export and local markets. In order for the company to sustain its position, and to grow in an increasingly tough competitive global environment, it is important that the company embark on a programme of ongoing continuous improvement. By identifying where we are now and where we want to get to, this would form the springboard for improvement.

"Strategic planning does not deal with future decisions. It deals with the futurity of present decisions. What we have to do today is to be ready for an uncertain tomorrow" (Peter F. Drucker, Professor of Social Science and Management).

1.4. VALUE OF THE STUDY

South African companies are fast being included in the melting pot of globalisation. As the local markets are merged into global markets, companies need to evaluate their positions in order to implement strategic plans so that they can compete globally. This type of study would be of value to other South African companies as they share similar problems of high labour costs, low productivity, low levels of skills and dated technology. The findings of the study can be used in the following ways:

- Developing a basis for measuring and improving performance
- Deriving a generic set of performance standards utilising historical standards, target standards, competitor performance and absolute standards.
- Identifying a model for improvement where both breakthrough and continuous improvement are used in a complimentary manner.

The study is beneficial both as an exercise in implementation and re-engineering
strategic issues within a South African division of a global company, and as a means of assessing requirements in order to establish key success factors for the future.

1.5. PROBLEM STATEMENT

The formation of BSN Medical, a joint venture company formed between Smith & Nephew and Beiersdorf, has led to the infant company going through a transformation process where the two different strategies and cultures are being adapted in line with the requirements of the new company. An added difficulty to this is the fact that the company has operations globally and each country has their own unique way in implementing their strategy. These differences in operating strategy now need to be incorporated into the newly formed company.

Once the hype of the joint venture process has ended, the different divisions now need to assess their current positions and look at ways in which it can improve its practices and become a key contributor within the group. Due to the fact that the operating divisions are spread across the globe, from first world to third world, competitiveness becomes a key issue, which leads us to the question,

“What can be done to improve the current strategic practices of the company to a level which exceeds that of world class companies?”

1.6. RESEARCH OBJECTIVES

The purpose of this research is to identify the strategic management issues that impact on the company as a result of the drive to attain world-class leadership. This would entail evaluation of current strategies, formulating and implementing best practice strategies to develop an improvement plan to ensure that the company is sustainable into the future. The aims of the study are as follows:

- To establish the positioning of the company within the industry.
- To establish a ‘Strategy profile’ of the company
- To establish a ‘Culture profile’ of the company
- To determine the current company position within the competitive matrix by considering the Strategy and Cultural profiles. This determines where we are.
• To evaluate and establish a set of criteria for improvement.

By evaluating the above objectives, the dissertation hopes to bring available theory and practice together and add to the growing literature in the field.

1.7. RESEARCH METHODOLOGY

1.7.1 EXPLORATORY STUDY
The applied research will be a study posing questions; however there would be no predictive hypothesis. Through exploration the researcher aims to develop concepts more clearly and to establish what management dilemmas are currently facing BSN Medical. The research would take the form of both qualitative and quantitative techniques.

1.7.2 INTERROGATION/COMMUNICATION STUDY
In order to conduct exploratory investigations, an in-depth interview would be conducted on a cross-section of BSN Medical employees. This will take place in the form of a structured interview and provide the primary data. Data will be checked for mistakes, coded, formatted, tabulated and edited for validity and reliability.

• Measurement Instrument – The measuring instrument will be a set of pre-formulated interview questions consisting of three sections; industry assessment, strategy profile and culture profile as per the ‘Competitive Matrix’ suggested by Pearson (1992).

• Measurement – Questions asked in the interview will be clearly structured and closed ended. The industry assessment questionnaire uses a 10-point numerical scale. The overall scores will be summated and averaged to establish the company’s position within the industry. A score of 0 indicates a weak response and a score of 10 indicating an excellent response.

The Strategy and Culture profile questionnaire uses a 7 point Likert Scale were the overall scores will be summated and averaged to establish the Strategy and Culture profiles of the company. The scores range from +3 to −3. A score of +3
indicates the answer is completely true and -3 indicates the answer is completely untrue.

- Pilot Test – A pilot test will be carried out randomly on 5 employees whilst still maintaining the same procedures and protocols. It will be conducted to detect any weaknesses in the sampling design, instruments and procedures. Should the pilot test highlight any major flaws, pre testing will be repeated to refine the questions/instruments or procedures tested. The pilot test highlighted no problems and so there was no reason to modify or alter the questionnaire in any way.

- Sample – A non-probability sample, in particular a convenience quota sample has been selected for the following reasons:
  1. Convenience: selection of the target group is readily available in the form of employees.
  2. Quota: respondents characteristics are predetermined and roughly in proportion to the total workforce at BSN Medical.

1.7.3 SECONDARY DATA
Secondary data would be investigated by means of document analysis, which will be used to determine the historical objectives of the company and identify its current position.

1.7.4 DATA ANALYSIS
The data would be analysed in order to find solutions to problems facing BSN Medical. Spreadsheets would be used to capture the data and perform the statistical analysis. Graphical techniques and visual representations will be used to represent the statistical data results. Examples of these would include frequency tables, bar or pie charts and histograms.

1.7.5 LITERATURE REVIEW
A literary review will be conducted to identify best practices in order to form a model, which would lead to competitive advantage.
1.7.6 NATURE AND FORM OF RESULTS

The findings will then be analysed; reported and published. This will take the shape of a report outlining the variances in the findings. Upon the completion of the dissertation, it is hoped that adequate information regarding the various strategic management practices of the company will emerge that will be useful to management.

1.8. LIMITATIONS

This study will focus on BSN Medical South Africa only. To further adapt this information as a basis for industry, further research needs to be conducted. All information regarding the company is confidential and restricted. Competitors will normally only exchange information via a trade association or a survey by an independent body. Car manufacturers, for example, exchange information in this way on a wide range of production and customer satisfaction measurements. In practice, exchanges with competitors usually mean that you have access only to figures for best, worst and average performance. They probably won't give you an insight into how these companies achieve their results. As a result sensitive information such as analysis of the company finances have not been included in the study.

1.9. STRUCTURE OF THE STUDY

The following chapters will be presented in this research study:

- Chapter 2: The Strategic Management Model

This chapter includes an examination of the supporting theory on the strategic management process. This starts very broadly with issues such as company visions and mission and explores the various theories and models available. The examination concludes with a look at the production aspect of the value chain and introduces the Competitive matrix as an evaluation tool. At the end of the chapter a model is proposed for further use.
• **Chapter 3: BSN Medical South Africa**

This chapter details the history and current operations of BSN Medical covering both their local and international business. All aspects of the company’s business, from its formation to the current business practices are discussed in this chapter.

• **Chapter 4: Evaluation of BSN Medical’s current strategic path**

This chapter deals with the evaluation of BSN Medical against the Competitive Matrix introduced in chapter 2. Three sets of evaluations are done, the industry analysis, the strategy profile and the culture profile. Interpretations of the results are offered and discussions are put forward on areas in which the company is doing well and areas that need attention. The primary focus of the chapter is to determine the current position of the company and introduce areas for improvement.

• **Chapter 5: Recommendations and Conclusions**

This chapter will draw conclusions from chapter 4 and make broad recommendations regarding the way forward in order to eliminate reduce the gap and improve on its current position. Areas that the company has excelled in are reinforced and areas for improvement are actioned.

1.10 SUMMARY

This chapter has clearly indicated the critical questions to be answered as well as the aims of the study. The main area to be researched that was highlighted is an evaluation of what can be done to improve the current strategic practices of the company to a level that exceeds that of world-class companies. By eliciting responses from employees, the researcher hopes to conduct an industry evaluation, generate strategy and culture profiles and utilise these profiles to determine the current position of the company. The next chapter will now look at the available theory, which would be used to generate a road map for the evaluation of the strategic management practices within the company.
CHAPTER 2: THE STRATEGIC MANAGEMENT MODEL

2.1 INTRODUCTION

"Or suppose a king is about to go to war against another king. Will he not first sit down and consider whether he is able with ten thousand men to oppose the one coming against him with twenty thousand? If he is not able, he will send a delegation while the other is still a long way off and will ask for terms of peace" (Luke 14:32).

As in war during the biblical times, organisations over the years have been faced with critical decisions concerning their futures. As a result some of them have grown to be extremely large and profitable, diversifying into other business activities, while others have gone bankrupt.

The single biggest factor contributing to their survival is change and more especially how they make decisions in the face of constantly changing challenging factors. Broadly speaking, these factors can be arranged into four groups. The first set of factors is the internal activities of the organisation. The organisations immediate external environment poses a second set of challenging factors. This includes competitors, suppliers and customers. The third group that contributes greatly to the business challenges is the remote external environment consisting of changes in the political, environmental, social and technological arena. The final area of complexity arises out of the business stakeholders, the owners, shareholders, management and employees. Coupled to these factors are the internationalisation of business and spiralling costs of natural resources.

With this scenario in mind, the question that needs to be answered is how do organisations make decisions about their future in this complex and ever changing environment? The process that is undertaken is called strategic management. According to (Byars 1987, p.8) "strategic management is concerned with making decisions about an organisation's future direction and implementing those decisions". This can be further broken down into the strategic planning phase and the strategy implementation phase. (Pearce and Robinson 1988, p.6) defines strategic management as "the set of decisions and actions resulting in formulation and implementation of strategies designed to achieve the objectives of an organisation"

Strategic management is the process of examining both present and future environment, formulating the organisation's objectives and making, implementing
and controlling decisions focused on achieving these objectives in the present and future environments.

2.2 DECISION MAKING WITHIN AN ORGANISATION

Strategic management decision-making within organisation is typically characterised by the following dimensions:

Strategic issues require top-management decisions due to the fact that they encompass several areas of the organisation's operations and require a broad understanding of the consequences of the decisions.

Strategic issues require a large amount of the organisation resources. This is usually in the form of allocation of human resources, assets or finance that must either be sourced externally or redirected from within the organisation.

Strategic issues often have an impact on the organisation’s long-term prosperity. The organisation is committed for a long term; typically three to five years and the impact of such decisions last even longer. Strategic decisions have enduring effects on organisations, which have a positive or negative effect.

Strategic issues result in complex implications for most areas of the organisation. They are usually multifunctional or multi-business and are affected by changes of responsibilities and resources as a result of the decision-making.

Finally strategic decision-making has to take cognisance of the external environment as they affect and are affected by external conditions. It is therefore necessary to look beyond the operations and consider the broader issues.

The decision making process is typically conducted at three levels within the organisation. At the apex of the pyramid is the corporate level. At this level the key players consist of the board of directors, chief executive and administrative officers. Their responsibility is financial performance, maintaining and enhancing the image of the organisation and social responsibility issues. According to Pearce and Robinson (1989) corporate level strategic managers attempt to exploit their firm’s distinctive competencies by adopting a portfolio approach to the management of its businesses and by developing long term plans, typically for a five-year period. The second level of the pyramid is the business level, which comprises business and corporate managers. Their task is to translate the corporate level strategy into objectives and business level strategies and to position the business in the market segment were the
The greatest reward could be reaped. The functional level forms the base of the pyramid. This level is made up mainly of managers of product, geographic, and functional areas. Their strategic decision making time frame is shorter, typically a year and their principal responsibility is to execute the business’s strategic plans.

![Diagram of Strategic Management Structure](image)

**Figure 2.1: Strategic Management Structure**

### 2.3 THE IMPORTANCE OF AN ORGANISATIONAL STRATEGY

The strategic management approach leads to a greater interaction of the various levels, during planning and implementation. As a result one can draw a parallel between strategic management and participative decision-making. Due to this behavioural nature, this draws us to the conclusion that the impact of strategic management can not only be measured by financial performance but by non-financial criteria as well. "In fact, promoting positive behavioural consequences also enables the firm to achieve its financial goals" (Langely 1988, pp.400-450).

Strategic plans firstly need to be profitable; this is further aided by the fact that the organisations welfare can be significantly improved when by taking into consideration the behavioural effects of strategy formulation and implementation. This is evident in the fact that strategy formulation activities enhance the organisation's ability to prevent problems. Due to the fact that the decision making process is a group based
activity, decisions are likely to be drawn from the best available alternatives. The employees are motivated due to their involvement in strategy formulation and their understanding of the consequences of their actions. The different roles of the players are clarified and any gaps or overlaps in activities are seen up front and corrected. Finally, through the participation in the process, the employees are sensitised to change and their resistance to change is reduced.

2.4 THE STRATEGIC MANAGEMENT PROCESS

In making decisions about an organisation’s future direction, management must answer the following three basic questions:

1. Where are we now?
2. Where do we want to be?
3. How do we get to where we want to be?

Answering the first two questions is often called the objective – setting process. The answers to the third question lead to the strategy formulation process. In its simplest form, the strategic management process is an integrated process with two core components. These are strategy planning and strategy implementation.

As stated earlier, strategic management is a decision making process, concerned with an organisation’s future direction and the implementation of the action plans in order to steer the company towards their future direction. Byars (1987) states that the strategic planning phase is concerned with making decisions with regard to:

- Defining the organisation’s philosophy and mission;
- Establishing long and short-range objectives to achieve the organisation’s mission;
- Selecting the strategy that is to be used in achieving the organisation’s objectives;

And strategy implementation is concerned with making decisions with regard to:

- Developing the organisation’s structure to achieve the strategy;
- Ensuring that the activities necessary to achieve the strategy are effectively performed;
- Monitoring the effectiveness of the strategy in achieving the organisation's objectives;
Pearce and Robinson (1994) expand the strategic management process into nine critical areas. These are:

- Formulation of the company's mission, including broad statements about its purpose, philosophy, and goals;
- Develop a company profile that reflects its internal conditions and capabilities;
- Assess the company's external environment, including both the competitive and general contextual factors;
- Analyse the company's options by matching its resources with the external environment;
- Identifying the most desirable options by evaluating each option in light of the company's mission;
- Select a set of long-term objectives and grand strategies that will achieve the most desirable options;
- Develop annual objectives and short term strategies that are compatible with the selected set of long-term objectives and grand strategies;
- Implement the strategic choices by means of budgeted resource allocations in which the matching of tasks, people, structures, technologies, and reward systems is emphasised;
- Evaluate the success of the strategic process as input for future decision-making.

2.5 THE STRATEGIC PLANNING PHASE

The strategic planning phase is one of establishing a company direction. According to Thompson and Strickland (2001), this constitutes developing a strategic vision and mission, setting performance objectives and crafting a strategy to produce the desired results. We will now expand on these aspects and also examine the strategic decision making process at various levels within the organisation.

2.5.1 DEVELOPING THE MISSION

Johnson and Sosches (1999) states that a mission is a general expression of the overall purpose of the organisation, which, ideally, is in line with the values and expectations of the major stakeholders and concerned with the scope and boundaries of the organisation. The core purpose of a mission is to define the current and future business activities of an organisation. In order for an organisation to shape its strategic
position, it must determine the basic goals and philosophies, irrespective of whether the organisation is developing a new business or reformulating direction for an ongoing business. This generally consists of a broad description of the products, markets, technology and geographical coverage presently undertaken and also incorporating a short-term view of three to five years. This is done in a manner that reflects the values and priorities of the organisations decision-makers. “The establishment of an organisation’s mission is critical: without a concrete statement of mission it is virtually impossible to develop clear objectives and strategies” (Pearce and Robinson 1982 pp.15-24). The mission also serves to provide a unifying force, a sense of direction, and a guide to decision making for all levels of management.

According to King and Cleland (1987) the objectives of the company mission are:

- To ensure unanimity of purpose within the organisation.
- To provide a basis for motivating the use of the organisation’s resources.
- To develop a basis, or standard, for allocating organisational resources
- To establish a general tone or organisational climate: for example, to suggest a businesslike operation.
- To serve as a focal point for those who can identify with the organisation’s purpose and direction and to deter those who cannot do so from participating further in its activities.
- To facilitate the transition of objectives and goals into a work structure involving the assignment of tasks to responsible elements within the organisation.
- To specify organisational purposes and the translation of these purposes into goals in such a way that cost, time, and performance parameters can be assessed controlled.

Thompson and Strickland (2001) states that a mission statement should define what business the company is presently in and conveys the essence of “who we are, what we do, and where we are now.” The main benefit of defining the organisation's mission, forces management to identify the scope of its products or services carefully. Achieving the mission “drives the business, mobilises the workers, and gets the high-quality product to the market” (LaBarre 1996, p.52). A mission statement reflecting the boundaries of the company’s existing business is a starting point in determining
what the business makeup and customer focus needs to be and forms a springboard for the future of the company.

2.5.2 ESTABLISHING THE VISION AND GOALS

Developing a strategic vision expands on the mission statement and requires creative ideas on how to prepare a company for the future. According to Johnson and Scholes (1999), a vision or strategic intent is the desired future state of the organisation. It is an inspiration around which a strategist, perhaps a chief executive, might seek to focus the attention and energies of members of the organisation. This entails examining and developing a strategic path for a company to take. Areas to be explored are based on the customer or market, product or service, geographic domain, technology, concern for survival, philosophy, self-concept and concern for public image.

The basic product or service, primary market and principal technology are key to the vision and in combination should indicate and describe to all readers, from company employees to casual observers, the company's business activity. Survival through growth and profitability are economic goals that guide the strategic direction of almost every business and convey the intent for the future. Survival into the future is key to satisfying the aims of the stakeholders and needs to play a crucial role in strategic decision-making. Concentrating solely on short-term goals or gains without taking a long-term view often leads to disastrous consequences for the business. Profitability is regarded as the main criteria, however one has to be sure as to emphasise that this is measured over the long term and is not a short-term gain.

According to Thompson and Strickland (2001), charting promising strategic course forces managers to think both creatively and realistically about changing market, competitive, technological, economic, regulatory, and societal conditions and about the company’s resources and capabilities. “Moving early and quickly to pursue emerging opportunities can result in competitive advantage” (Colvin and Miles 1999, pp.47-63).

Communicating the strategic vision is almost as important as setting the organisation’s long-term direction. This should be done in a manner that reaches out and grabs people, creating a vivid image that provokes emotion and excitement. Portraying an inspiring picture of the vision can benefit the organisation by motivating people to live the business instead of just coming to work. The vision
statement in the form of a slogan that will help generate enthusiasm for the future direction and inspire dedicated effort. This can also help break down the resistance to change and promote buy in of the need for redirecting the organisational efforts. Vision has little meaning unless it can be successfully communicated to those working in the organisation, since these are the people that will have to realise it. A well conceived, well-worded vision statement ensures that the first step in organisational direction setting is successfully completed.

2.5.3 THE OBJECTIVE-SETTING PROCESS

"You cannot manage what you cannot measure...and what gets measured gets done" (House and Price 1991, p.93). Setting objectives converts the strategic vision into specific performance targets. It takes the generalities of the mission and vision statements and turns them into more specific commitments. This usually covers what is to be done and when the objective is to be completed. This may take the form of a quantifiable objective as in an increase in market share or an improvement in some measure of product quality. As stated by Lynch (2000) the purpose of objectives is therefore to focus the management task on a specific outcome and to provide a means of assessing whether that outcome has been achieved after the event. This enables organisations to substitute purposeful strategic decision making for aimless actions and confusion over what to accomplish and it also provides a set of benchmarks for judging the organisation’s performance and progress.

According to Thompson and Strickland (2001), in examining what kinds of objectives to set, key result areas of financial performance and strategic performance stand out. Adopting a different view on objective setting, Kaplan and Norton (1996) proposed to steer away from the traditional measures of capital employed and earnings per share as these where essentially functional measures and that what really matters in strategy implementation is the process. They argued that “Processes have replaced (or are replacing) departments and functions.” They went on to identify three important types of processes. These are:

- Management process, concerned with the manner in which the leader runs the organisation, the decision making process and how these decisions are implemented.
• Business process, concerned with product design, orders fulfilled, customer satisfaction achieved etc.

• Work processes, concerned with factors of how work is operationalised, purchased, stored, manufactured etc. They argued that these are the activities that implement the agreed strategies but they are not the same as return on capital, market share and growth data and the other measures that often summarise the outcome of a corporate strategy.

Kaplan and Norton (1992) developed the Balanced Scorecard to overcome these problems. The Balanced Scorecard combines quantitative and qualitative measures of the selected strategy. It acknowledges the different expectations of the various stakeholders and it attempts to link the scorecard performance measures to the chosen strategy. The four main principles behind the scorecard are, translating the vision, communicating and linking, business planning, feedback and learning.

Based on the fact that every strategy is unique, they then identified the four strategy perspectives that need to appear on every scorecard. The four areas are:

1. **Financial perspectives** were the purpose of the organisation is translated into action through clarifying precisely what is wanted and gaining commitment to it.

2. **Customer perspectives** were the purpose needs to be seen in the context of customer-oriented strategy.

3. **Internal perspective** were internal performance measures indicate the way the organisation was undertaking the strategy inside the company.

4. **Innovation and learning perspective** were this provides a feedback and learning mechanism through strategy reviews and sharing comments on the outcome of events.
Table 2.1: Balanced Scorecard: Summary of Strategy perspectives

<table>
<thead>
<tr>
<th>STRATEGY PERSPECTIVE</th>
<th>EXAMPLE</th>
<th>EXAMPLE OF SCORECARD MEASURE</th>
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<td>Financial perspective</td>
<td>Shareholders' views of performance</td>
<td>• Return on capital</td>
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<td></td>
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<td>• Economic value added</td>
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<td>• Sales growth</td>
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<td>• Cost reduction</td>
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<td>Customer perspective</td>
<td>Customer satisfaction</td>
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<td></td>
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<td>• Customer retention</td>
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<td></td>
<td>Assess quality of people and processes</td>
<td>• Acquisition of new customers</td>
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<td>Internal perspective</td>
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<td></td>
<td>Examine how an organisation learns and grows</td>
<td>• Training and development</td>
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<td>• Product quality</td>
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<td>Future perspective</td>
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<td>• Employee satisfaction</td>
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<td>• Employee profitability</td>
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"A company’s strategic objectives are important for another reason-they indicate strategic intent to take out a particular business position" (Hamel and Prahalad 1989, pp63-76). "Ambitious companies almost invariably begin with strategic intents that are out of proportion to their immediate capabilities and market positions. But they set aggressive long-term strategic objectives and pursue them relentlessly, sometimes even obsessively.

Organisations need to establish both long-range and short-range objectives. A strong commitment to achieving long-range objectives forces managers to begin taking actions now to reach desired performance levels later. By spelling out the near term results to be achieved, short-range objectives indicate the speed at which management wants the organisation to progress as well as the level of performance being aimed for over the next two or three periods. The most important situation where short-range objectives differ from long-range objectives occurs when managers are trying to elevate organisational performance and cannot reach the long-range target in just one year. Short-range objectives then serve as stair steps or milestones.

As a start, objectives should be set high enough to produce outcomes at least incrementally better than current performance. As a minimum a company’s financial
objectives must aim high enough to generate the resources to execute the chosen strategy proficiently. However an enough to get by mentality is not appropriate in objective setting. Ideally, objectives ought to serve as a managerial tool for truly stretching an organisation to reach its full potential; this means setting them high enough to be challenging – to energise the organisation and its strategy” (Thompson and Strickland 2001, p45).

2.5.4 THE ORGANISATION’S EXTERNAL ENVIRONMENT

“Once its mission has been identified, the organisation can begin to look outside the company to ensure that its strategy aligns well with the environment” (Venkatraman and Prescott 1990, pp.1-23). “By analysing the external environment, managers are in a better position to define the available strategies that best align with their environment” (Marline, Lamont and Hoffman 1994, p.229-239). An organisation’s choice of direction and action are influenced by a host of external factors. This ultimately gives rise to the organisation’s structure and internal processes.

Figure 2.2 – The External Environment
According to Pearce and Robinson (1994), these factors, which constitute the external environment, can be divided into three interrelated sub-categories: factors in the remote environment, factors in the industry environment and factors in the operating (competitive) environment. Figure 2.2 suggests the interrelationship between these factors.

Johnson and Scholes (1999) suggest that in order to understand the environment of the organisation, organisations need to identify key issues, find ways of coping with complexity and also challenge managerial thinking. They go on to suggest the following steps in environmental analysis: assess the nature of the environment, audit environmental influences, identify key competitive forces, and identify competitive position. These steps lead to establishing the organisation's opportunities and threats and ultimately their strategic position.

![Figure 2.3: Steps in environmental analysis](image)
2.5.4.1 UNDERSTANDING THE NATURE OF THE ENVIRONMENT

"Environmental uncertainty increases the more that the environmental conditions are dynamic or the more they are complex" (Duncan 1972, pp.313-327).

Figure 2.4: Approaches to making sense of the environment

Figure 2.4 shows that in simple / static conditions, the environment is relatively straightforward to understand and it is not undergoing significant change. Organisations operating in this environment are characterised by simple technical processes and stability within the markets and competitors. Changes that occur are predictable and as a result analysis could be conducted on an historical basis and forecasting the future is possible.

In dynamic conditions, managers need to look into the future as well as the past. Structured ways such as scenario planning are adopted to help in predicting the future. It is at this stage that organisations look to creating an innovative, learning organisation, were the emphasis is on creating the organisational conditions necessary to encourage individuals and groups to be intuitive and challenging in their thinking about possible future of the organisation.

Organisations in complex situations face an environment difficult to comprehend. They may also face dynamic conditions due to the fact that technology is changing at a rapid pace, causing greatest uncertainty. Complex situations could also arise out of its diverse business interests.
2.5.4.2 AUDITING ENVIRONMENTAL INFLUENCES

The importance of environmental forces differs from organisation to organisation. Over time, their importance may also change. A multinational corporation might be especially concerned with government relations and understanding the policies of local governments, since it may be operating plants or subsidiaries within many different countries with different political systems. It is also likely to be concerned with labour costs and exchange rates, which will affect its ability to compete with multinational rivals. A retailer, on the other hand, may be primarily concerned with local customer tastes and behaviour. A computer manufacturer is likely to be concerned with its technical environment, which leads to product innovation and perhaps obsolescence. Public sector managers and civil servants are likely to be especially concerned with public policy issues, public funding levels and demographic changes. However, none of these forces will remain constant, and managers need to be aware of their changing impact.

2.5.5 SCANNING AND FORECASTING OF THE REMOTE ENVIRONMENT.

Environmental scanning is the systematic methods used by an organisation to monitor and forecast those factors that are external to and not under the direct control of the organisation or its industry. Organisations generally categorise environmental scanning into four areas: political, economic, social and technological. However two further categories are have been identified. These categories are ecological and legal. The focus of scanning in each area is on trends that have organisation wide relevance. The remote environment presents organisations with opportunities, threats, and constraints, but rarely does a single organisation exert any meaningful reciprocal influence.

Of the four areas, scanning in the economic area is probably considered the most significant. Economic factors concern the nature and direction of the economy in which a firm operates. The general state of the economy (e.g., depression, recession, recovery, or prosperity), the level of interest paid by corporations and individuals, the unemployment rate, and the level of consumer income are key economic variables in corporate investment, employment, and pricing decisions. The rate of inflation and the
growth rate of the gross national product are additional economic variables that must be considered in the strategic planning process.

The social factors that affect an organisation involve the beliefs, values, attitudes, opinions, and lifestyles of persons in the organisation's external environment. These have evolved over time from cultural, ecological, demographic, religious, educational, and ethnic factors. As social attitudes change, so too does the demand for various types of clothing, books, leisure activities, and so on. Like other forces in the remote external environment, social forces are dynamic, with constant change resulting from the efforts of individuals to satisfy their desires and needs by controlling and adapting to environmental factors. Some examples of social change include; the entry of large numbers of women into the labour market, the increasing interest by consumers and employees in the quality of life issues, and shifts in the age distribution of populations.

The direction and stability of political factors is a major consideration for managers on formulating company strategy. Political factors define the legal and regulatory parameters within which firms must operate. Political constraints are placed on organisations through fair-trade decisions, antitrust laws, tax programs, minimum wage legislation, pollution and pricing policies and many other actions aimed at protecting employees, consumers, the general public, and the environment.

The fourth set of factors in the environment involves technological change. To avoid obsolescence and promote innovation, an organisation must be aware of technological changes that might influence its industry. Creative technological adaptations can suggest possibilities for new products, for improvements in existing products, or in manufacturing and marketing techniques. A technological breakthrough can have a sudden and dramatic effect on an organisation's environment. As a spin off, it may create sophisticated new markets and products or significantly shorten the anticipated life of a manufacturing facility. Thus all organisations must strive for an understanding both of technological advances and the probable future advances that can affect their products and services.

Ecological factors are increasingly becoming important factors to consider in the external environmental analysis. It deals with the relationship that exists between the organisation and the ecology. The biggest problem concerns threats to our life - supporting ecology caused primarily by human activities in an industrial society. Specific concerns include global warming, loss of habitat and biodiversity, as well as
air, water and land pollution. As a major contributor to ecological pollution, business is now being held responsible for eliminating the toxic by-products of its current manufacturing processes and for cleaning up the environmental damage that it had previously caused. Due to increasing government regulations and consumer environmental concerns, the implementation of environmental policy has become a point of competitive advantage. Therefore the logical goal of business should be to limit its impact on the environment, thus ensuring long run benefits to both the firm and the society, to neglect this responsibility is to ensure the demise of both the organisation and the ecosystem.

2.5.6 INDUSTRY ENVIRONMENT
According to Thompson and Strickland (2001), industries differ widely in their economic characteristics, competitive situations, and future prospects. The economic character of industries varies according to such factors as overall size and market growth rate, the pace of technological change, the geographic boundaries of the market, the number of buyers and sellers, whether sellers' products are virtually identical or highly differentiated, the extent to which costs are affected by economies of scale, and the types of distribution channels used to access buyers. An industry's economic traits and competitive conditions, and how they are expected to change, determine whether its profit prospects are poor, average, or excellent. Industry and competitive conditions differ so much that leading companies in unattractive industries can find it hard to earn respectable profits, while even weak companies in attractive industries can turn in good performances.

2.5.7 COMPETITIVE ANALYSIS
Bateman and Snell (1999) suggest that all organisations are affected by the general components of the macro environment. Each organisation also functions in a closer, more immediate competitive environment. The competitive environment comprises the specific organisations with which the organisation interacts.
Byars (1987) further suggests that organisations do not exist in a vacuum. They operate within a competitive industry environment. Analysing its competitors not only enables an organisation to identify its own strengths and weaknesses but also helps to identify opportunities for and threats to the organisation from its industry environment.
Thompson and Strickland (2001) identifies that in order to undertake an industry and competitive analysis, use should be made of a tool kit of concepts and techniques to get a clear fix on key industry traits, the intensity of competition, the drivers of industry change, the market positions and strategies of rival companies, the keys to competitive success, and the industry’s profit outlook. This analysis can be conducted through the application of a comprehensive checklist of questions. Some of the key areas that might be examined about a particular industry include:

2.5.7.1 THE INDUSTRY’S ECONOMIC FEATURES

Due to the fact that industries differ significantly in their basic character and structure, industry and competitive analysis begins with an overview of the industry’s dominant economic features. This helps to frame the window of strategic approaches a company can pursue. Thompson and Strickland (2001) suggests the following factors to consider when profiling an industry’s economic features:

- Market size.
- Scope of competitive rivalry.
- Market growth rate and position in the business life.
- Number of rivals and their relative sizes.
- The number of buyers and their relative sizes.
- Whether and to what extent industry rivals have integrated backward and/or forward.
- The types of distribution channels used to access consumers.
- The pace of technological changes in both production process innovation and new product introductions.
- Whether products the products and services of rival firms are highly differentiated, weakly differentiated, or essentially identical.
- Whether companies can realise economies of scale in purchasing, manufacturing, transportation, marketing, or advertising.
- Whether key industry participants are clustered in a particular location.
- Whether certain industry activities are characterised by strong learning and experience effects such that unit costs decline as cumulative output grows.
- Whether high rates of capacity utilisation are crucial to achieving low cost production efficiency.
• Capital requirements and the ease of entry and exit.
• Whether industry profitability is above or below par.

An industry's economic features are important because of the implications they have for strategy. In capital intensive industries, an organisation can spread the burden of the high fixed costs by pursue a strategy that promotes high utilisation of fixed assets to generate more revenue. In industries where there is one product advance after another, a strategy of continuous product innovation becomes a condition of survival. In industries where strong learning / experience effects in manufacturing cause unit costs to decline, “a company that initiates production of a new-style product and develops a successful strategy to capture the largest market share gains a sustainable competitive advantage as the low cost provider” (Ghemawat 1985, pp.143-149).

2.5.7.2 COMPETITION WITHIN THE INDUSTRY

In order for managers to devise a successful strategy, they need to obtain an in-dept understanding of the industry’s competitive character. This involves delving into the industry’s competitive process to discover what the main sources of competitive pressures are and the strength of each competitive force. Porter (1980) has postulated that the competitive environment within an industry depends on five forces:

1. The manoeuvring for position among current competitors within an industry.
2. The threat of new entrants into the industry.
3. The bargaining power of customers.
4. The bargaining power of suppliers.
5. The threat of substitute products or services being introduced into the industry.

According to Porter (1980), successful managers do more than simply react to the environment; they act in ways that actually shape or change the organisation's environment. In strategic decision-making, Porter’s model as depicted in figure 2.5 is an excellent method for analysing the competitive environment in order to adapt to or influence the nature of the competition.
One approach to competitive analysis is to use the five forces model as a conceptual framework for identifying an organisation's competitive strengths and weaknesses and threats to and opportunities for the organisation from its competitive environment. Thompson and Strickland (2001) noted that the strongest of the five competing forces is usually the jockeying for position and buyer favour that goes on among rival sellers of a product or service. The main tactic employed is price competition. Other tactics such as offering buyers the most attractive combination of performance features, being first to market with innovative products, introducing higher quality or more durable products, offering buyers longer warranties and superior after sales service or creating a stronger brand image are also employed.

The intensity of rivalry among competing sellers is a function of how vigorously they employ such tactics. Irrespective of the intensity of the rivalry, every company is challenged to craft a successful strategy for competing, ideally one that produces a competitive edge over rivals and strengthens its position with buyers. The current competitive environment is ever changing as companies' act and react to out-compete
one another and build customer loyalty. This type of intense rivalry is related to the presence of a number of factors. Thompson and Strickland (2001) noted the following factors:

- Rivalry intensifies as the number of competitors increases and as competitors become more equal in size and capability.
- Rivalry is usually stronger when demand for the product is growing slowly.
- Rivalry is more intense when industry conditions tempt competitors to use price cuts or other competitive weapons to boost unit volume.
- Rivalry is stronger when customers' costs to switch brands are low.
- Rivalry is stronger when one or more competitors are dissatisfied with their market position and launch moves to bolster their standing at the expense of rivals.
- Rivalry increases in proportion to the size of the payoff from a successful strategic move.
- Rivalry tends to be more vigorous when it costs more to get out of a business than to stay in and compete.
- Rivalry becomes more volatile and unpredictable the more diverse competitors are in terms of their visions, strategic intents, objectives, strategies, resources, and country of origin.
- Rivalry increases when strong companies outside the industry acquire weak firms in the industry and launch aggressive, well-funded moves to transform their newly acquired competitors into major market contenders.

"New entrants to a market bring new production capacity, the desire to establish a secure place in the market, and sometimes substantial resources with which to compete" (Porter 1979, p.138). New entrants into an industry compete with established companies. If many factors prevent new companies from entering the industry, the threat to established firms is less serious. If there are a few such barriers to entry, the threat of new entrants is more serious. Porter (1979) notes the following types of entry barriers:

- Economies of scale deter entry because they force potential competitors either to enter on a large scale or accept a cost disadvantage and consequently lower profitability. Either way, a potential entrant is discouraged by the prospect of lower profits.
• Existing firms may have cost and resource advantages not available to potential entrants.
• Lower unit costs achieved as a result of experience in producing the product or other learning curve benefits.
• Successful entry may require technological capability not readily available to a new comer. Unless new entrants can gain access to such proprietary knowledge, they cannot compete on a level playing field.
• High brand loyalty means that a potential entrant must commit to building a network of distributors and dealers, and then be prepared to spend enough money on advertising and sales promotion to overcome customer loyalties and build its own clientele. In addition, if it is difficult or costly for a customer to switch to a new brand, a new entrant must persuade buyers that its brand is worth the switching costs. To overcome the switching cost barrier, new entrants may have to offer buyers a discounted price or an extra margin of quality or service. All this can mean lower expected profit margins for new entrants.
• The larger the capital investment needed to enter the market successfully, the more limited the pool of potential entrants.
• In the case of consumer goods, a potential entrant may face the barrier of gaining adequate access to consumers. The more existing producers tie up present distribution channels, the tougher entry will be.
• Government agencies can limit or even bar entry by requiring licences and permits. In international markets, host governments commonly limit foreign entry and must approve all foreign investment applications.
• National governments commonly use tariffs and trade restrictions to raise entry barriers for foreign firms and protect domestic producers from competition.

In evaluating the potential threat of entry, management must look at:
1. How formidable the entry barriers are for each type of potential entrant and
2. How attractive the profit prospects are for new entrants. “High profits act as a magnet to firms outside the industry, motivating potential entrants to commit the resources needed to hurdle entry barriers” (Yip 1982, pp.85-93).

Thompson and Strickland (2001) states that the best test of whether potential entry is a strong or weak competitive force in the market place is to ask if the industry’s growth and profit prospects are attractive enough to induce additional entry. He goes
on to further point out that the threat of entry changes as the industry’s prospects grow brighter or dimmer and as entry barriers rise or fall.

Technological advances and economic efficiencies are among the ways that firms can develop substitutes for existing products. Substitute products or services can limit another industry’s revenue potential. Companies in those industries are likely to suffer growth and earnings problems unless they improve quality or launch aggressive marketing campaigns. Firms in one industry are quite often in close competition with firms in another industry because their respective products are good substitutes.

According to Johnson and Scholes (1999), the threat of substitution may take different forms. There could be product for product substitution. There may be substitution of need by a new product or service rendering an existing product or service superfluous. Generic substitution occurs where products or services compete for need. Doing without can also be thought of as a substitute. The availability of substitutes can place a ceiling on prices for a company’s products, or make inroads into the market and so reduce its attractiveness. The key questions that need to be addressed are:

- Whether or not a substitute poses the threat of obsolescence to a firm’s product or service, or provides a higher perceived benefit or value.
- The ease, with which buyers can switch to substitutes, usually determined by the one-time costs facing the buyer making such a change.
- To what extent the risk of substitution can be reduced by building in switching costs, perhaps through added product or service benefits meeting buyer needs.

Porter noted that the presence of readily available and attractively priced substitutes creates competitive pressure by placing a ceiling on the price an industry can charge for its product without giving customers an incentive to switch to substitutes and risking sales erosion. This ceiling price at the same time puts a lid on the profits that industry members can earn unless they find ways to cut costs. When substitutes are cheaper than an industry’s product, industry members come under heavy competitive pressure to reduce their prices and find ways to absorb the price cuts with cost reductions.

Porter (1979) goes on to further discuss that another determinant of the strength of competition from substitutes is how difficult or costly it is for the industry’s customers to switch to a substitute. When switching costs are low, it is much easier for sellers of substitutes to convince buyers to change over to their products. As a
rule, the lower the price of substitutes, the higher their quality and performance, and
the lower the user’s switching costs, the more intense the competitive pressures posed
by substitute products.

Suppliers can exert bargaining power on participants in an industry by raising prices
or reducing the quality of purchased goods and services. Whether this represents a
weak or strong competitive force depends on whether suppliers can influence the
terms and conditions of supply in their favour and also the extent of supplier–seller
collaboration in the industry. The power of each important supplier group depends on
a number of characteristics of its market situation and on the relative importance of its
sales or purchases to the industry compared with its overall business. Pearce (1994)
states that a supplier group is powerful if:

1. It is dominated by a few companies and is more concentrated than the industry
   it sells.
2. Its products is unique or at least differentiated, or if it has built up switching
costs.
3. It is not obliged to contend with other products for sale to the industry.
4. It poses a credible threat of integrating forward into the industry’s business.
5. The industry is not an important customer of the supplier group.

In more and more industries, rival sellers are electing to form long-term strategic
partnerships and close working relationships with select suppliers in order to promote
just-in-time deliveries and reduce inventory and logistics costs, speed up the
availability of next-generation components, enhance the quality of the parts and
components being supplied and reduce defect rates and lastly to reduce the supplier’s
costs and pave the way for lower prices on the items supplied. Such benefits can
translate into competitive advantage for industry members who do the best job of
managing supply chain relationships and form effective collaborative partnerships
with suppliers.

Customers likewise can force down prices, demand higher quality or more service,
and play competitors off against each other. Pearce and Robinson (1994) states that a
buyer group is powerful if:

1. It is concentrated or purchases in large volumes.
2. The products it purchases from the industry are standard or undifferentiated.
3. The products it purchases from the industry form a component of its product
   and represent a significant fraction of its cost.
4. It earns low profits, which create great incentive to lower its purchasing costs.
5. The industry’s product is unimportant to the quality of the buyers’ products or services.
6. The industry’s product does not save the buyer money.
7. The buyers pose a credible threat of integrating backward to make the industry’s product.

Thompson and Strickland (2001) notes that the special contribution of the five forces model is the thoroughness with which it exposes what competition is like in a given market, the strength of each of the five competitive forces, the nature of the competitive pressures comprising each force and the overall structure of the competition. To contend successfully, managers must craft strategies that shield the firm as much as possible from the five competitive forces that help make the rules, put added pressure on rivals, and perhaps even define the business model for the industry.

Table 2.2 summarises information about the five major forces that govern competition. Competitive analysis can then be conducted by collecting and assessing data about each of the sub-elements.

<table>
<thead>
<tr>
<th>Manoeuvring for position among competitors</th>
<th>Threat of new entrants</th>
<th>Bargaining power of suppliers</th>
<th>Bargaining power of customers</th>
<th>Threat of substitute products or services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Degree of competition depends on:</td>
<td>Barriers to entry include:</td>
<td>Powers of suppliers is determined by whether:</td>
<td>A customer group is powerful if:</td>
<td>Substitute products that deserve the most attention from an organisation are those that:</td>
</tr>
<tr>
<td>1. Number of competitors and whether they are roughly equal in size.</td>
<td>1. Economies of scale.</td>
<td>1. It is dominated by a few companies and is more concentrated than industry it sells to.</td>
<td>1. It is concentrated and buys in large volume.</td>
<td>1. Have trends improving their price performance trade – off with the industry’s products.</td>
</tr>
<tr>
<td>2. Whether industry growth is slow.</td>
<td>2. Product differentiation capital</td>
<td>2. Its product is unique, differentiated. Or has built up switching costs.</td>
<td>2. The products it purchases are standard or un-differentiated.</td>
<td>2. Are produced by industries earning high profits.</td>
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<tr>
<td>3. Whether product/service lacks differentiation or switching costs. Switching costs are fixed costs buyers face in changing suppliers</td>
<td>3. Capital requirements</td>
<td>3. It poses a credible threat of integrating forward.</td>
<td>3. The products it purchases form a component of its product and represent a significant fraction of its cost.</td>
<td></td>
</tr>
<tr>
<td>4. Whether fixed costs are high or product is perishable.</td>
<td>4. Cost advantages independent of size</td>
<td>4. Industry is not an important customer of the supplier group.</td>
<td>4. It earns low profits.</td>
<td></td>
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<tr>
<td>5. Whether exit barriers are high.</td>
<td>5. Access to distribution channels</td>
<td>5. The products are unimportant to the quality of the customer’s product or service.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Whether rivals are diverse in strategies, origins, and culture.</td>
<td>6. Government policy.</td>
<td>6. The products do not save the customer money.</td>
<td>7. The customers pose a threat of integrating backward to make the industry’s product.</td>
<td></td>
</tr>
</tbody>
</table>

Table 2.2 – Summary of the five forces
2.5.7.3 DRIVING FORCES WITHIN THE INDUSTRY

"An industry’s economic features and competitive structure say a lot about its fundamental character but very little about the ways in which its environment may be changing” (Thompson and Strickland 2001, p93). Industry conditions change because important forces are driving industry participants to alter their actions. These participants include competitors, customers and suppliers. The driving forces in an industry are the major underlying causes of changing industry and competitive conditions. Analysing these driving forces involves a two-step approach. Firstly one needs to establish what these forces are and secondly the impact that these forces would have on an industry.

Porter noted the following most common driving forces:

1. The Internet and the new e-commerce opportunities and threats it breeds in the industry. The challenge here is to assess how, growing use of the Internet will alter the industry and competitive landscape.

2. Increasing globalisation of the industry. Tariff reductions, deregulation and privatisation of government owned enterprises bring local competitors in direct competition with ambitious global companies. Significant differences in labour costs among countries may create a strong reason to locate global-scale plants for labour intensive products low wage countries and use these plants to supply market demand across the whole world. Significant cost economies may accrue to firms with world scale volumes as opposed to national scale volumes. Multinational companies with the ability to transfer their production, marketing and management know how from country to country at very low cost can sometimes gain a significant competitive advantage over domestic competitors. Globalisation is most likely to be a driving force in industries where scale economies are so large that rival companies need to market their products in many country markets to gain enough volume to drive unit costs down and also where low cost production is a critical consideration. Globalisation has triggered a frantic, fast paced race for global market leadership.

3. Changes in long-term industry growth rate. Shifts in industry growth up or down are a driving force for industry change. An upsurge in long-term demand triggers a race for growth among established firms and newcomers attracted by the prospects for higher growth. Competition becomes a contest of who can capture the growth opportunities and win a place among the market leaders.
4. Changes in who buys the product and how they use it. Shifts in buyer demographics and new ways of using the product can alter the state of competition.

5. Product innovation can shake up the structure of competition by broadening an industry's customer base, rejuvenating industry growth, and widening the degree of product differentiation among rival sellers.

6. Advances in technology can dramatically alter an industry's landscape, making it possible to produce new and better products at lower cost and opening up whole new industry frontiers.

7. When firms are successful in introducing new ways to market their products, they can spark a burst of buyer interest, widen industry demand, and increase product differentiation and lower unit costs.

8. The entry or exit of one or more foreign companies into a market once dominated by domestic firms nearly always shakes up competitive conditions.

9. In recent years technology transfer across national boundaries has emerged as one of the most important driving forces in globalising markets and competition. As companies worldwide gain access to technical know how, they upgrade their manufacturing capabilities in a long-term effort to compete head on against established companies.

10. Widening or shrinking differences in the costs and efficiency among key competitors tends to dramatically alter the state of competition.

11. A shift to differentiated products is signalled when sellers are able to win a bigger and more loyal buyer following by offering made to order products.

12. Government regulatory actions can often force significant changes in industry practices and strategic approaches.

13. Emerging social issues and changing attitudes and lifestyles can be powerful instigators of industry change.

14. Reductions in uncertainty and business risk

The task of driving force analysis is to separate the major causes of industry change from the minor ones; usually no more than three or four factors qualify as driving forces. Sound analysis of an industry's driving forces is a prerequisite to sound strategy making. Without keen awareness of what external factors will produce the biggest potential changes in the company's business over the next one to three years, managers are ill prepared to craft a strategy tightly matched to emerging conditions.
Environmental scanning is one method of detecting future driving forces. This involves studying and interpreting social, political, economic, ecological, and technological trends that could lead to become driving forces. The process entails spotting emerging trends that are catching on, and to extrapolate their possible implications five to twenty years into the future.

2.5.7.4 IDENTIFYING THE ORGANISATION’S COMPETITIVE POSITION

The next step in examining the industry’s competitive structure is to study the market positions of rival companies. All organisations, public or private are in a competitive position relative to each other as they are competing either for customers or resources. It is therefore important that they understand their relative positioning and its implications in strategic terms. According to Porter (1980), one technique for revealing the competitive positions of industry participants is strategic group analysis. Strategic group analysis aims to identify organisations with similar strategic characteristics, following similar strategies or competing on similar bases. Such groups can usually be identified using two, or perhaps three, sets of key characteristics as a basis of competition. According to Porter (1980), the following summarises the sorts of characteristics, which distinguish between organisations and help identify strategic groupings:

- Extent of product or service diversity
- Extent of geographical coverage
- Number of market segments served
- Distribution channels used
- Extent of branding
- Marketing effort
- Extent of vertical integration
- Product or service quality
- Technological leadership
- R&D capability
- Cost position
- Utilisation of capacity
- Pricing policy
- Level of gearing
- Ownership structure
- Relationship to influence groups
- Size of organisation

The aim is to establish which characteristics most differentiate one group of organisations from another.

**Figure 2.6 – Strategic Group Maps**


Strategic group analysis is useful in several ways:

- It helps identify who the most direct competitors are, on what basis competitive rivalry is likely to take place within strategic groups, and how this is different from rivalry within other groups.
- It raises the question of how likely or possible it is for an organisation to move from one strategic group to another.
- It might also be used to identify opportunities as vacant areas are highlighted.
- It can also help identify significant strategic problems were for example as a result of the analysis, brands have been found to be occupying insignificant positions.
Market segmentation is another analysis technique where similarities and differences between groups of customers or users are identified. This is important because not all users are the same: they have different characteristics and needs, behave differently, and so on. “Markets are therefore most usefully thought of in terms of market segments, and identifying which organisations are competing in which market segments is, in itself, a useful and important exercise” (Kotler 1994).

2.5.7.5 MONITORING THE STRATEGIC MOVES OF RIVALS

Successful strategists take great pains in gathering competitive intelligence about competitors’ strategies, monitoring their actions, sizing up their strengths and weaknesses, and using what they have learned to anticipate what moves rivals are likely to make next.

Thompson and Strickland (2001) suggests that the best source of information about a competitor’s strategy comes from examining what it is doing in the marketplace and from what its management is saying about the company’s plans. “Additional insights into what a competitor is up to and its future strategy can be gotten by considering the competitor’s geographic market arena, strategic intent, market share objective, position on the industry’s strategic group map, and willingness to take risks; further, it is important to know whether the competitor’s recent moves are mostly offensive or defensive” (Kahaner 1996, p84-85). The following provides a checklist for profiling the objectives and strategies of competitors:

- Competitive scope
- Strategic intent
- Market share objective
- Competitive position/situation
- Strategic posture
- Competitive strategy

Predicting competitors’ next moves is the hardest yet most useful part of competitor analysis. Good clues about what moves a specific company may make next come from studying its strategic intent, monitoring how well it is faring in the market place, and determining how much pressure it is under to improve its financial
performance. Managers who fail to study competitors closely risk being blindsided by surprise actions on the part of rivals.

2.5.7.6 KEY FACTORS FOR COMPETITIVE SUCCESS

"An industry’s key success factors are those things that most affect industry members’ ability to prosper in the marketplace – the particular strategy elements, product attributes, resources, competencies, competitive capabilities, and business outcomes that spell the difference between profit and loss and, ultimately, between competitive success or failure" (Thompson and Strickland 2001, p106).

They go on to suggest three questions that will help identify an industry’s key success factors:

- On what basis do customers choose between the competing brands of sellers? What product attributes are crucial?
- What resources and competitive capabilities does a seller need to have to be competitively successful?
- What does it take for sellers to achieve a sustainable competitive advantage?

Pearce and Robinson (1994) suggests that in identifying their firm’s current and potential competitors, executives consider several important variables:

- How do other firms define the scope of their market?
- How similar are the benefits the customers derive from the products and services that other firms offer?
- How committed are other firms to the industry?

Determining the industry’s key success factors, given prevailing and anticipated industry and competitive conditions, is a top-priority analytical consideration. At the very least, managers need to understand the industry situation well enough to know what is more important to competitive success and what is less important. A company with perceptive understanding of industry key success factors can gain sustainable competitive advantage by aligning its strategy to the industry key success factors and devoting its energies to be distinctively better than rivals on one or more of these factors. "Being distinctively better than rivals on one or more key success factors presents a golden opportunity for gaining competitive advantage. Hence, using the
industry’s key success factors as cornerstones for the company’s strategy and trying to gain sustainable competitive advantage by excelling at one particular key success factor is a fruitful competitive strategy approach” (Ghemawat 1991, p11).

2.5.7.7 ATTRACTIVENESS OF THE INDUSTRY

The final step in conducting an industry and competitive analysis is to interpret the results of the foregoing analysis and to draw conclusions on industry attractiveness, for both the near term and long term. Some generic areas to be considered are:

- Factors making the industry attractive
- Factors making the industry unattractive
- Special industry issues/problems
- Profit outlook – favourable/ unfavourable

Thompson and Strickland (2001) notes that as a general proposition, if an industry’s overall profit prospects are above average, the industry can be considered attractive; if its profit prospects are below average, it is unattractive.

Good industry and competitive analysis is a prerequisite to good strategy making. A competently done industry and competitive analysis tells a clear, easily understood story about the company’s external environment. It provides the understanding of a company’s macro environment needed for shrewdly matching strategy to the company’s external situation.

2.6 GLOBALISATION

“Special complications confront a firm involved in the globalisation of its operations. Globalisation refers to the strategy of approaching world-wide markets with standardised products. Such markets are most commonly created by end consumers that prefer lower priced, standardised products over higher priced, customised products and by global corporations that use their world wide operations to compete in local markets” (Levitt 1982, p91).

Ronstadt and Kramer (1982) suggest that firms should take four steps in order to begin their globalising activities. These include scanning the global situation, making connections with academia and research organisations, increasing the firm’s visibility and undertaking co-operative research projects. Fayweather and Kapoor (1976)
suggest that a firm also needs to conduct external and internal assessments before a firm enters a global market.

Global strategic planning is a complex task. Pearce and Robinson (1994) suggest the following factors that contribute to this complexity:

- Globals face multiple political, economic, legal, social, and cultural environments as well as rates of changes within them.
- Interactions between the national and foreign environments are complex, because of national sovereignty issues and widely differing economic and social conditions.
- Geographic separation, cultural and national differences, and variations in business practices all tend to make communication and control efforts between headquarters and the overseas affiliates difficult.
- Globals face extreme competition, because of differences in industry structures.
- Globals are restricted in their selection of competitive strategies by various regional blocs and economic integration.

From the foregoing, one can see that the strategic decisions of a firm competing in a global marketplace become increasingly complex. In such a firm, managers cannot view global operations as a set of independent decisions. These managers are faced with trade-off decisions in which multiple products, country environments, resource sourcing options, corporate and subsidiary capabilities, and strategic options must be considered.

Porter (1986) has developed a framework for analysing the basic strategic alternatives of a firm that competes globally. He states that the starting point of the analysis is an understanding of the industry or industries in which the firm competes. International industries can be ranked along a continuum that ranges from multi-domestic to global. A multi-domestic industry is one in which competition is essentially segmented from country to country. A global industry is one in which competition crosses national borders and it occurs on a world-wide basis. Although industries can be characterised as global or multi-domestic, there is rarely a case were one exists solely in that form. Figure 2.7 illustrates the multinational strategy options that arise out of the consideration of location and co-ordination dimensions. These are high foreign investment, country-centered strategy, global strategy, and export based strategy.
Other areas of consideration that also give rise to international strategy options are product diversity and market complexity. Complexity refers to the number of critical success factors that is required to prosper in a given competitive arena. Diversity, the second variable, refers to the breadth of a firm’s business lines. Figure 2.8 illustrates that when the variables are considered together, the complexity and diversity dimensions from a continuum of possible strategic choices and combining these two dimensions highlights many possible actions.
Movement of a firm towards globalisation often follows a systematic pattern of development. Commonly businesses begin their foreign nation involvements progressively through niche market exporting, licence-contract manufacturing, joint ventures, foreign branches, and foreign subsidiaries.

2.7 THE INTERNAL ENVIRONMENT

Pearce and Robinson (1994) state that there are three ingredients that are critical to the success of a strategy. First, the strategy must be consistent with the conditions in the competitive environment. Specifically, it must take advantage of existing or projected opportunities and minimise the impact of major threats. Secondly the strategy must place realistic requirements on the firm’s internal capabilities. In other words, the firm’s pursuit of market opportunities must be based not only on the existence of such opportunities but also on the firm’s key internal strengths. Finally, the strategy must be carefully executed. The internal environmental analysis focuses on the second ingredient: realistic analysis of the firm’s internal capabilities.

According to Johnson and Scholes (1999), analysing the strategic capability of an organisation is clearly important in terms of understanding whether the resources and the competence fit the environment in which the organisation is operating, and the opportunities and threats, which exist. Many of the issues of strategic development are concerned with changing strategic capability to fit a changing environment better.
2.7.1 EVALUATION OF CURRENT STRATEGY

Thompson and Strickland (2001) states that in order to evaluate how well a company’s present strategy is working, one has to identify what the strategy is and evaluate it from both a qualitative and quantitative standpoint. In pursuing the qualitative approach, one of the first things to ascertain is the company’s competitive approach. Is it striving to be a low cost leader, searching for ways to differentiate its product offering, broadening its customer base or pursuing narrow niche markets? What is the firm’s competitive scope within the industry? The firm’s functional strategies in production, marketing, finance etc further characterise company strategy. In addition, recent strategic moves such as price cuts, product improvements and mergers are also integral to its strategy and give some insight into the logic behind the competitive moves. From a quantitative viewpoint, the best evidence is obtained from evaluating the strategy against the financial performance. Kaplan and Norton (1992) states that the two best empirical indicators are whether the company is achieving its stated financial and strategic objectives, and whether the company is an above average industry performer. In order to evaluate the performance of a company, one can look at the following areas:

- Sales performance.
- Customer base.
- Profit margins
- Net profits, return on investment and economic value added.
- Overall financial strength and credit rating.
- Continuous improvement in unit costs, defect rate, scrap rate, employee motivation and moral, stock-outs, backorders.
- Trends in the company’s stock price.
- The image and reputation with its customers.
- Factors on which buyers base their choice of brands

According to Thompson and Strickland (2001), the company’s overall performance is an indicator of the suitability of its current strategy. Weak performance suggests that current strategy must be questioned and ultimately radically changed.
2.7.2 SWOT ANALYSIS

"Sizing up a firm’s resource strengths and weaknesses and its external opportunities and threats, commonly known as SWOT analysis, provides a good overview of whether a firm’s business position is fundamentally healthy or unhealthy. SWOT analysis is grounded in the basic principle that the strategy making efforts must aim at producing a good fit between a company’s resource capability and its external situation. Perceptive understanding of a company’s resource capabilities and deficiencies, its market opportunities, and the external threats to its future well being is essential to good strategy making" (Thompson and Strickland 2001, p117). Pearce and Robinson (1994) state that the SWOT analysis is a systematic identification of these factors and of the strategy that represents the best match between them. It is based on the assumption that an effective strategy maximises a firm’s strengths and opportunities and minimises its weakness and threats. Accurately applied, this simple assumption has powerful implications for the design of a successful strategy.

A strength is a resource, skill, or other advantage relative to competitors and the needs of the markets a firm serves or expects to serve. It is a distinctive competence when it gives the firm a comparative advantage in the marketplace. A strength may exist with regard to a skill or important expertise, physical assets, human assets, organisational assets, valuable intangible assets, competitive capabilities, an achievement or attribute that puts the company in a passion of market advantage and alliances or co-operative ventures.

Figure 2.9 reflects that taken together, a company’s skills and expertise, its intellectual capital, its competitive capabilities, its uniquely strong competencies, its collection of strategically valuable assets, and its market achievements determine the complement of resources with which it competes.
The calibre of its resources and its ability to mobilise them in a manner calculated to result in competitive advantage are the biggest determinants of how well the company will be able to perform in light of the prevailing industry and competitive conditions. Pearce and Robinson (1994) state that a weakness is a limitation or deficiency in resource, skills, and capabilities that seriously impedes a firm's effective performance. According to Tompson and Strickland (2001), a weakness is something a company lacks or does poorly or a condition that puts it at a disadvantage. A company's internal weakness can relate to:

- Deficiencies in competitively important skills or expertise or intellectual capital or one kind or another
- A lack of competitively important physical, organisational or intangible assets.
- Missing or weak competitive capabilities in key areas.

Internal weaknesses are thus shortcomings in a company's complement of resources.

"An opportunity is a major favourable situation in a firm's environment" (Pearce and Robinson 1994, p.175). They go on to identify that opportunities are mainly in the
form of key trends, however identification of a previously overlooked market segment, changes in competitive or regulatory circumstances, technological changes, and improved buyer or supplier relationships could also represent opportunities for the firm. Thompson and Strickland (2001) states that opportunities most relevant to a company are those that offer important avenues for profitable growth, those where a company has the most potential for competitive advantage, and those that match up well with the company’s financial and organisational resource capabilities.

“A threat is a major unfavourable situation in a firm’s environment” (Pearce and Robinson 1994, p175). It is further stated that threats are key impediments to the firm’s current or desired position. The entrance of new competitors, slow market growth, increased bargaining power of key buyers or suppliers, technological changes, and new or revised regulations could represent threats to a firm’s success.

The really valuable part of SWOT analysis is determining what story the four lists tell about the company’s situation and thinking about what actions are needed.

“Understanding the story involves evaluating the strengths, weakness, opportunities, and threats and drawing conclusions about how the company’s strategy can be matched to both its resource capabilities and its market opportunities, and how urgent it is for the company to correct which particular resource weakness and guard against which particular external threats” (Duncan, Ginter and Swayne 1998, pp.6-16).

Another way in which SWOT analysis can be used to aid strategic analysis is illustrated in figure 2.10.

Key external opportunities and threats are systematically compared with internal strengths and weaknesses in a structured approach. The objective is identification of one of four distinct patterns in the match between a firm’s internal and external situations. The options range from cell 1 being the most favourable situation, were the firm faces several environmental opportunities and has numerous strengths that encourage pursuit of those opportunities, to cell 4 were it is the least favourable situation, with the firm facing major environmental threats from a position of relative weakness.

Successful strategists aim at capturing a company’s best growth opportunities and creating defences against external threats to its competitive position and future performance.
2.7.3 CORE COMPETENCY ANALYSIS

"Organisations that understand their true strengths are better able to compete successfully in a rapidly expanding and competitive world economy. Core competence analysis will help them do this by enabling them to see beyond their end products and served markets to their core technologies and sources of competitive
advantage” (Ambrosini, Johnson and Scholes 1998, p3). The following views help to further explain the concept: The core competences of an organisation lie in the collective learning in the organisation, especially “how to co-ordinate diverse production skills and integrate multiple streams of technologies” (Hamel and Prahalad 1990). Parsons (1960) suggests that the skills and capabilities of an organisation are embodied in three subsystems: administrative, technical and institutional. Kay (1993) attributes corporate success to four distinctive capabilities: innovation, architecture, reputation and strategic assets, and suggests that the effective blending of these four can contribute to the unique capability of an organisation. (Ambrosini, Johnson and Scholes 1998) suggests that a summary of all these views leads to a definition which says that “the core competence of an organisation is its enabling culture,” as opposed to its relationship culture, where the relationship culture could be likened to its personality and interpersonal skills and its enabling culture to its motivation and applied skills.

Thompson and Strickland (2001) define core competence as a competitively important internal activity that a company performs better than other competitively important internal activities. He goes on to add that what makes it a core competence as opposed to just a competence is that it is central to a company’s competitiveness and profitability rather than peripheral. “A core competence gives a company competitive capability and thus qualifies as a genuine company strength and resource” (Birchall and Tovistiga 1999, pp.1-16). Most often, a company’s core competence resides in its people and in its intellectual capital, not in its assets on the balance sheet.

When comparing a core competence to that of a competitor, (Hamel and Prahalad 1990) suggests that the core competence be termed a distinctive competence, and offer the following definition. “A distinctive competence is something a company does well in comparison to its competitors.” Differences in company resources account for why some companies are more profitable and more competitively successful than others are. Collis and Montgomery (1995) offer a view that for a particular company resource to qualify as the basis for sustainable competitive advantage, it must pass four tests of competitive value:

1. Is the resource hard to copy?
2. How long does the resource last?
3. Is the resource really competitively superior?
4. Can the resource be trumped by the different resource/ capabilities of rivals?
2.7.4 ANALYSING PRICING AND COST COMPETITIVENESS

One of the most telling signs of whether a company’s business position is strong or precarious is whether its prices and costs are competitive with industry rivals. Competitors usually do not incur the same costs in supplying their products to end-users. The cost disparities can range from tiny to competitively significant and can stem from any several factors:

• Differences in the prices paid for raw materials,
• Differences in basic technology
• Differences in production costs,
• Differences in marketing costs,
• Differences in inbound transportation costs,
• Differences in forward channel distribution costs,
• Differences in rival firms’ exposure to the effects of inflation.

For a company to be competitively successful, its costs must be in line with those of close rivals. While every firm engages in internal cost analysis to stay on top of what its own costs are and how they might be changing, strategic cost analysis goes a step further to explore how most costs compare against rivals. Strategic cost analysis focuses on a firm’s cost position relative to its rivals. The combined costs of all the activities in a business define the company’s internal cost structure. The task of strategic cost analysis is to compare a company’s costs activity by activity against the costs of key rivals and to learn which internal activities are a source of cost advantage or disadvantage.

“The primary analytical tool of strategic cost analysis is a value chain identifying the separate activities, functions, and business processes that are performed in designing, producing, marketing, delivering, and supporting a product or service” (Cooper and Kaplan 1988, p96). Value chain analysis is a framework for taking knowledge that you have about a business and structuring that knowledge so that it can provide you with new insights into that business. Part of its value as a strategic tool lies in the way it forces you to make explicit what you know. Value chain analysis was originally introduced as an accounting analysis to shed light on the value added by separate steps in complex manufacturing processes, in order to determine where cost improvements could be made or value creation improved, or both. Porter (1985)
linked these two basic steps of identifying separate activities and assessing the value added by each to an analysis of an organisation's competitive advantage. Porter (1985) argued that an understanding of strategic capability must start with an identification of these separate value activities. Figure 2.11 is a schematic representation of the value chain within an organisation.

Figure 2.11 – The Value Chain

The primary activities are directly concerned with the creation or delivery of a product or service and can be grouped into five main areas: inbound logistics, operations, outbound logistics, marketing and sales, and service. Each of these groups of primary activities is linked to support activities. Support activities help to improve the effectiveness of efficiency of primary activities. They can be divided into four areas: procurement, technology development, human resources management, and infrastructure.

On closer examination of the value chain, one can see that the value chain consists of three main sections where important differences in the costs of competing firms can
occur. These are supplier activity, company’s own activity and in the forward channel. A company has to ultimately identify where its cost disadvantage lies and ensure that it formulates strategies in order to reduce the high costs of items purchased from suppliers, eliminate cost disadvantages in the forward end of the value chain or reduce the high costs of internally performed activities.

“A company’s value chain and the manner in which it performs each activity reflect the evolution of its own particular business and internal operations, its strategy, the approaches it is using to execute its strategy, and the underlying economics of the activities themselves” (Porter 1985, p36). Value chain analysis and benchmarking can reveal a great deal about a firm’s cost competitiveness. “One of the fundamental insights of strategic cost analysis is that a company’s competitiveness depends on how well it manages its value chain relative to how well competitors manage theirs” (Shank and Govindarajan 1993, p50).

2.7.5 INDUSTRY LIFE CYCLE
What business to be in is a fundamental issue for the corporate board. Traditionally, or at least since the early 1970’s, the issue has been addressed by employing one or more of the strategic consultancy company portfolio matrices, the ‘box’ of the Boston Consulting Group, The directional policy matrix of McKinsey or the life-cycle matrix of Arthur D. Little. The life-cycle approach, developed by Arthur D. Little, classifies business units within an organisation by industry maturity and strategic competitive position, resulting in the matrix shown in figure 2.12.
The life-cycle approach postulates that industries can be grouped into the following stages of maturity:

- **Embryonic** – characterised by rapid growth, rapid changes in technology, pursuit of new customers, and fragmented and changing shares of market.
- **Growth** – characterised by rapid growth, but customers, market share and technology are better known and entry into the industry is more difficult.
- **Mature** – characterised by stability in known customers, technology and market shares. The industry can, however, still be competitive.
- **Ageing** – characterised by falling demand, declining number of competitors, and in many such industries, a narrowing of the product line.

The determination of a business unit’s strategic competitive position calls for a qualitative decision based on multiple criteria such as breadth of product line, market share, movement in market share, and changes in technology. The lifecycle approach maintains that as these criteria change over time, a business unit either gains or loses competitive advantage and can be classified as being dominant, strong, favourable, tenable, or weak.

After the business unit has been positioned within the matrix, a strategy can be formulated for the business unit. At corporate level, resources are normally allocated among business units on a competitive basis. Business units are screened or ranked on criteria such as desirability of certain maturities, strength of competitive position, ability to produce positive cash flows in the short or long term, rates of return on investment or net assets, and degree of risk. This screening enables top management to decide which business units are to receive what resources.
2.7.6 BENCHMARKING

Many companies today are benchmarking their costs of performing a given activity against competitors’ costs. Benchmarking is a tool that allows a company to determine whether the manner in which it performs particular functions and activities represent the industry best practices when both cost and effectiveness are taken into account. "Benchmarking entails doing cross-company comparisons of how basic functions and processes in the value chain are performed, how materials are purchased, how suppliers are paid, how inventories are managed, how products are assembled, how fast the company can get new products to market, how the quality control function is performed, how customers orders are filled and shipped, how employees are trained, how payrolls are processed, and how maintenance is performed, and comparing the costs of these activities" (Watson 1993).

Thompson and Strickland (2001) suggests that the objectives of benchmarking are to identify the best practices in performing an activity, to learn how other companies have actually achieved lower costs or better results in performing benchmarked activities, and to take action to improve a company’s competitiveness whenever benchmarking reveals that its costs and results of performing an activity do not match those of other companies.

When properly resourced and implemented, benchmarking is a very powerful tool to focus and drive change. It assists the change process by providing objective targets and demonstrated best practice. It can enable an organisation to take a quantum leap in process and bottom line performance improvements and outstrip competitors.

Benchmarking helps to identify relative performance against the selected measures. This understanding of positioning is critical to the business improvement process, and provides input to the application of other improvement tools. See figure 2.13.
Using benchmarks will help identify the size of the gap, and therefore the amount of improvement that is necessary to match and surpass best practice. Once the gap has been ascertained, it allows corrective action.

2.8 THE STRATEGIC ROLE AND OBJECTIVES OF THE OPERATIONS FUNCTION

The operations function is central to the organisation because it produces the goods and services, which are the reason for existing, but it is neither the only, nor necessarily even the most important function. All organisations have other functions with their own particular responsibilities. These other functions, although having their own part to play in the organisation’s activities, are bound together, along with operations by common organisational goals. Operations management evolves from operations strategy, which is cascaded down from corporate strategy.
2.8.1 THE ROLE OF THE OPERATIONS FUNCTION

All parts of the business have their own role to play in achieving its success. At the simplest level the role of each function is reflected in its name. The marketing function positions the company’s products or services in the market place. The finance function monitors and controls the company’s financial resources. The operations function produces the services and goods demanded by the company’s customers. In examining the role of the operations function, three areas seem to be particularly important for the operations function:

- “One role of the operations part business is to support strategy.” W. Skinner (1985). It must develop its resources to provide the capabilities, which are needed to allow the organisation to achieve its strategic goals.
- As the implementer of business strategy. Most companies will have some kind of strategy but it is the operation, which puts it into practice.
- As the driver of business strategy by giving it a long-term competitive edge.

Figure 2.14 – A General Model of Operations Management and Strategy
It is the operations part of the business which is the ultimate custodian of competitiveness. Its role is to do things better, that is, make better products and deliver services better than other similar operations.

2.8.2 JUDGING THE OPERATIONS CONTRIBUTION

The ability of any operation to play these roles within the organisation can be judged by considering the organisational aims or aspirations of the operations function. Professor Hayes and Wheelwright of Harvard University, with later contribution of Professor Chase, have developed what they call the Four-Stage Model, which can be used to evaluate the competitive role and contribution of the operations function of any type of company. The model traces the progression of the operations function, from what is the largely negative role of stage 1 operations to it becoming the central element of competitive strategy in excellent stage 4 operations.

![Hayes and Wheelwright's Four Stage Model](image)

Figure 2.15 – Hayes and Wheelwright’s Four Stage Model
2.8.3 THE FIVE PERFORMANCE OBJECTIVES

For any organisation wanting to succeed in the long term, the contribution of its operations function is vital. It gives the organisation an operations based advantage. This is achieved through five basic performance objectives. These are:

- Doing things right which gives a quality advantage that results in reduced costs and increased dependability.
- Doing things fast which gives a speed advantage that results in reduced inventories and risks.
- Doing things on time, which gives a dependability advantage that saves time and money.
- Doing things differently, which gives a flexibility advantage that results in speedier response, time saving and maintaining dependability.
- Doing things cheaply which gives a cost advantage that is affected by the other performance objectives.

All these performance objectives have both external and internal effects. The internal effects of high quality, speed, dependability, and flexibility are generally to reduce costs within the operation.

2.9 STRATEGIC CONTROL AND CONTINUOUS IMPROVEMENT

Even when an operation is designed and its activities are planned and controlled, the operations manager's task is not finished. All operations, no matter how well managed, are capable of improvement.

2.9.1 OPERATIONS IMPROVEMENT

In order for operations managers to devise their approach to the improvement of their operations, they need to know the current performance. The urgency, direction and priorities of improvement will be partly based on whether the current performance of an operation is judged to be good, bad or indifferent. As a prerequisite for improvement, all operations therefore need some kind of performance measurement.

2.9.1.1 PERFORMANCE MEASUREMENT

"Performance measurement is a process of quantifying action, where measurement means the process of quantification, and the performance of the operation is assumed
to derive from actions taken by management.” (Neely 1993). Performance here is defined as the degree to which an operation fulfils the five performance objectives at any point in time, in order to satisfy its customers. The five performance objectives are really composites of many smaller measures. For example, an operation’s cost can be derived from many factors, which could include the purchasing efficiency of the operation, the efficiency with which it converts materials, the productivity of its staff, the ratio of direct to indirect staff etc. The five performance objectives of the operation could be plotted on a polar diagram and the requirements of the market could be superimposed to illustrate the areas that need attention. Those areas that need attention could then be broken down into the contributing components so that areas for improvement can be identified and performance can be monitored.

2.9.1.2 PERFORMANCE STANDARDS
After an operation has measured its performance by using the partial measures identified, it needs to make a judgement as to whether its performance is good, bad, or, indifferent. There are several ways it can do this, each of which involves comparing the current achieved level of performance with some kind of standard. The four kinds of standards commonly used are:

2. Target performance standards – standards that are set arbitrarily to reflect some level of performance, which is regarded as appropriate or reasonable.
3. Competitor performance standards – compare the achieved performance of the operation with that which is being achieved by one or more of the organisation’s competitors.
4. Absolute performance standards – a standard that is taken to its theoretical limits (zero defects).

2.9.1.3 APPROACHES TO IMPROVEMENT
Once the priority of improvement has been determined, an operation must consider the approach or strategy it wishes to take to the improvement process. Two particular strategies represent different, and to some extent opposing, philosophies. These two strategies are breakthrough improvement and continuous improvement. **Breakthrough improvement** or innovation-based improvement as it is sometimes
called assumes that the main vehicle of improvement is major and dramatic change in the way the operation works.

Figure 2.16 – Performance Breakthrough Improvement

The impact of these improvements is relatively sudden, abrupt and represents a step change in practice and performance.

Continuous improvement, as the name implies, adopts an approach to improving performance that assumes more and smaller incremental improvement steps.

Figure 2.17 – The pattern of Continuous Improvement

Continuous improvement is also known as Kaizen. Kaizen is a Japanese word, the definition of which is given by (Masaaki Imai 1986), " Kaizen means improvement."
Moreover, it means improvement in personal life, home life, social life and work life. When applied to the workplace, kaizen means continuing improvement involving everyone – managers and workers alike.” In continuous improvement it is not the size of each step that is important. Rather it is the likelihood that improvement will be ongoing. It is not the rate of improvement that is important in continuous improvement; it is the momentum of improvement. It does not matter if successive improvements are small; what does matter is that every month, some kind of improvement has actually taken place.

The concept of continuous improvement implies a literally never-ending process of repeatedly questioning and re-questioning the detailed workings of an operation. The repeated and cyclical nature of continuous improvement is best summarised by what is called the PDCA Cycle or Deming wheel – named after the famous quality ‘guru’, W.E.Deming. The PDCA cycle is the sequence of activities, which are undertaken on a cyclical basis to improve activities.

![Figure 2.18 – The PDCA Cycle](image)

This is cyclical, commencing with plan, followed by do, check, and act, and the cycle starts again with plan. In continuous improvement the PDCA cycle quite literally never stops, and improvement becomes part of every person’s job.
Typical of the radical breakthrough way of tackling improvement is the Business Process Re-engineering (BPR) approach. BPR is a blend of a number of ideas that have been current in operations management for some time. Just-in-time concepts, process flow-charting, critical examination in method study, operations network management and customer-focused operations, all contribute to the BPR concept. It was the potential of information technologies to enable the fundamental redesign of processes, however, which acted as the catalyst in bringing these ideas together. BPR has been defined as: “The fundamental rethinking and radical redesign of business processes to achieve dramatic improvements in critical, contemporary measures of performance, such as cost, quality, service and speed,” (.Hammer et al 1993)

2.9.2 FAILURE PREVENTION AND RECOVERY

Failure problems and mistakes are inevitable and intrinsic part of operations life. Things are always going wrong. This is why operations managers need to be concerned with the causes and effects of failure, as well as being active in attempting to minimise failure. Not all failures are equally serious and attention is usually directed at those that have the most impact on the operation or its customers. Failures occur in operations for several reasons. Some are as a direct result of goods or services that are supplied to the operation. Others happen within the operation, either because there is an overall failure in its design, because one or more of its physical facilities breakdown, or because there is human error. Customers can also cause failures through their incompetent handling of goods and services.

There are three ways of measuring failure. These are:

1. Failure rates – indicating how often a failure is likely to occur;
2. Reliability – measures the chances of a failure occurring;
3. Availability – measures the amount of available and useful operating time left after taking account of failures.

The probability of anything failing over time can be described by a probability curve. The most common of these is the ‘bath-tub’ curve which has three stages, the infant mortality or early life stage, the normal operating life stage, the final wear-out stage. Failure detection and analysis involves putting mechanisms in place which sense when some kind of failure has occurred and then analysing the failure to try to understand its root causes.
After detecting and understanding a failure, operations managers need to work on improving the reliability of operation. This can be done by:

- Designing out the fail points of the operations,
- Building redundancy into the operation,
- Fail-safing the operation so as to make failure and potential failures obvious.

The most common method of improving the operation’s reliability however is by maintaining the physical facilities in some planned and systematic manner.

There are three broad approaches to maintenance:

1. The first is running all facilities until they break down and then repairing them;
2. The second is regularly maintaining the facilities even if they have not broken down so as to prevent the possibility of future breakdown;
3. The third is to monitor facilities closely to try to predict when breakdown might occur and pre-empt it by repairing the facility.

The Total Productive Maintenance (TPM) concept is the latest in a development of maintenance ideas. It is analogous to total quality management in that it proposes shifting the responsibility of maintenance and care throughout the organisation.

In parallel with attempting to prevent failure, operations management must plan for what they do if failure does occur. This is important because recovering from failure can have a significant effect on shaping customers’ perceptions of the organisation. Failure planning provides a systematic framework that can be used to react to failures when they do occur.

2.9.3 TOTAL QUALITY MANAGEMENT

Total quality management (TQM) is arguably the most significant of the new ideas, which have swept across the operations management scene over the last few years. Although the origins of total quality management go back to the 1940s and ‘50s, the term was first used formally in 1957 by Feigenbaum. Many authorities have however contributed to the development of the ideas. These authorities include Deming, Juran, Ishikawa, Taguchi and Crosby. The emphasis placed on various aspects of total quality management varies among the authorities, but the general thrust of their arguments are similar. TQM is concerned with more than quality alone. It is concerned with the improvement of all aspects of operations performance and particularly how improvement should be managed. TQM assumes that organisations
will need to put in place management control systems which facilitate quality improvements. Such systems help to formalise what is good management practice anyway. The most universal set of systems and procedures relating to quality are those influenced by the ISO 9000 standards. These standards are intended to assure purchasers of products and services that they have been produced in a way which meets customer requirements. A number of factors appear to be influential in ensuring the success of TQM initiatives. These are:

- Top management support,
- A steering group to guide the initiative,
- Group based improvements,
- Success in quality being recognised,
- An emphasis on appropriate training.

2.10 THE OPERATIONS STRATEGY CHALLENGE

The ultimate test for any operations manager is whether he or she can develop an operation which meets the challenges which lie ahead for the organisation. The process of operations strategy is concerned with the act of creating the strategy, whereas the content of operations strategy is concerned with the output from the operations strategy formulation process. Although not all operations have operation strategy, there is some evidence to suggest that those who do are more likely to be successful, and those operations managers who take part in the strategy formulation process should have obtained a better understanding of the organisations overall strategy.

There are a number of difficulties in formulating operations strategies. In particular operations managers tend to be geographically dispersed; they also operate in ‘real time’ and so therefore need to manage the operation at the same time as they are formulating its strategy. They cannot easily change resources which have consumed considerable investment; and finally, they are often not in the habit of contributing to strategic change. Before looking at the process by which operations strategies can be formulated, it is worthwhile examining what some people have called **generic operations strategies**. These are common approaches to organising the operations function which have been observed to be adopted by different types of organisations. According to Mike Sweeney, operations strategies can be classified into categories of
generic strategies such as caretaker, marketeer, reorganiser and innovator. Most organisations, even if they finish up adopting one of the generic strategies described above, will want to formulate their own operations strategy to cope with what they see as their individual competitive circumstances. There are several alternative procedures, which have been suggested as providing the outline framework for developing an operations strategy. Two well-known procedures are briefly described here to give some insight into how operations strategies are formulated in practice.

The **Hill methodology** uses a five step procedure which progressively establishes a strategic logic between the long term corporate objectives of the organisation, the marketing strategy of the organisation, its competitive factors for each product or service group, the structural process choice decisions of operations and the infrastructural decisions of operations. The Platts-Gregory procedure places a greater emphasis on comparing the needs of markets with the achieved performance of operations. It uses profiling methods to determine the gaps between the importance of competitive factors and the operation’s performance at delivering them.

An effective operations strategy should clarify the links between overall competitive strategy and the development of the company’s operations resources. More specifically, an operations strategy should be judged on the following criteria. The strategy should be appropriate, comprehensive, coherent, credible, and consistent over time. In formulating effective operations strategies, the following four strategies in particular require attention.

1. **Strategies must be ethical.** Nearly all decisions made by operations managers have some kind of ethical dimension. These ethical considerations affect one or more of the stakeholders of an organisation. Some companies make their ethical stance explicit through a statement of mission and values.

2. **Strategies must be international.** Few organisations can afford to limit their operations strategies to within their national boundaries. For operations managers the environment within which they make their decisions is increasingly, a global one.

3. **Strategies must be creative.** One of the most sought after behaviours in the process of devising new operations strategies is that of creativity. Creativity often involves breaking the implicit trade-off paradigm, which is seen by some as governing the relationship between performance objectives. Creativity is needed to devise ways in which the pivot of the trade-off can be shifted. This
means overcoming some of the blocks to creativity present in most organisations.

4. **Strategies must be implemented.** Too often operations strategies fail at the implementation stage. Successfully implementing operations strategies is partly a matter of identifying an implementation agenda for any change. The agenda should provide answers to the questions of, when to start, where to start, how fast to proceed and how to co-ordinate the implementation programmes?

### 2.11 CONCLUSION

This chapter explores the various views on the strategic management process and outlines the nature, purpose, decisions and importance of an organisational strategy. One of the main components of the value chain, the operations section of an organisation was chosen for investigation. Here we investigated the link between corporate strategy and operations strategy and pulled together some of the threads which have run through our treatment of the subject. This lead to examining strategies for performance measurement and continuous improvement and how these contribute to best operating practices and becoming world class. This chapter culminates with a model as depicted in figure 2.18.

The model reflects the strategic management journey, starting with the vision and corporate strategy, taking a detour through to operations strategy and ending with being world class. This model would be used as the basis for evaluation of strategy evolution at BSN Medical in their quest to be 'best in the class.'
Defining the organisations mission

Defining the organisations mission

Establishing an organisational philosophy

Environmental scanning and forecasting

Competitive analysis

Internal organisational analysis

Establishing long and short-range objectives

Identifying strategic alternatives

Strategy evaluation and selection

Matching strategy and organisational structure

Functional strategies, budgeting, leadership, and motivation

Strategic control systems

Figure 2.19 – A Model of The Strategic Management Process
CHAPTER 3: PRESENTING BSN MEDICAL

3.1 INTRODUCTION

Thomas James Smith, a pharmacist, set up a chemist shop in Hull, on England’s north East Coast in 1856. Forty years later, in 1896, he invited his nephew, Horatio Nelson Smith, to join him in the business; this is how Smith & Nephew came into existence. It was H.N. Smith who came to South Africa in the early 1920’s to assess the potential market for the company’s products. In 1931 Smith & Nephew limited was registered as a company in South Africa to import and sell the products manufactured by the parent company in the United Kingdom.

Smith & Nephew, South Africa opened its first factory in Pinetown on 02 July 1955, Manufacturing Elastoplast, Gypsona, Plaster of Paris and Jelonet. In April 2001 Smith & Nephew and Beiersdorf formed a joint venture manufacturing facility called BSN medical. In South Africa, only the operations division of Smith & Nephew was included in the joint venture.

BSN medical, South Africa has manufacturing sites in Pinetown, eZakheni and iSithebe and now employs approximately 730 people, most of who work in Pinetown. The South African head office is in Pinetown. At present the company uses the services of Smith & Nephew for HR, IT and Finance but this is in the process of changing as the company grows and develops. The company products are also exported to many African countries, South East Asia, Australia, and Europe.

3.2.1 THE JOINT VENTURE

BSN Medical the joint venture company between Smith & Nephew and Beiersdorf started operation in April 2001. The joint venture was agreed earlier in November 2000 and was subject to competition clearances that had to be obtained in the different operating countries. The new venture brought together the interests of both partners in Casting and bandaging, traditional Woundcare and Phlebology (compression hosiery). The company had equal shareholding and on transfer into the new company sales were projected at £150m and operating profits of £17m. Future profits were to be shared equally between the partners. BSN Medical was to combine the strengths of both parent companies with a new and separate identity; independent management and dedicated sales and manufacturing teams all aimed at creating real market focus.
Smith & Nephew have had a relationship with Beiersdorf for over 50 years, most recently through the distribution agreement for Nivea. The joint venture and the associated sale of Beiersdorf's advanced wound care products to Smith & Nephew was a logical extension of the relationship and perfectly fitted into the two companies' strategies: it allowed Smith & Nephew to concentrate on becoming an advanced medical device company, and Beiersdorf to focus its energies on consumer personal care products.

3.2.2 PORTFOLIO OF LEADING BRANDS

It was projected that BSN Medical will become a substantial global player with annual sales of about £300m world-wide. It would manage a portfolio of leading brands in its core product segments with a mandate to develop business strongly. Substantial synergies would be realised in all areas of the combined operation, enabling better resource allocation and creating significant cost reduction opportunities. This would enable BSN Medical to generate excellent profit growth over the medium term.

The new business is headquartered in Hamburg, Germany. It consists of some 3000 employees and manufacturing facilities in the United Kingdom, United States of America, Germany, France, Ireland, South Africa, Mexico, India and Pakistan. The joint venture company benefited from Smith & Nephew's manufacturing rationalisation programme and from the integration of the Beiersdorf products and manufacturing facilities into the programme.

BSN was to adopt a market leader approach in many of the fields in which it operated. Casting and bandaging will contribute about 43% of the business, traditional wound care 35% and phlebology 22%. Geographically, 59% of sales were destined for Europe, 22% in North America and 19% in the rest of the world. In the key markets of Germany, the UK, the US, France and the Netherlands, the company had its own sales resources. In other countries, BSN Medical shared the selling resources of both parents. In most countries, Smith & Nephew distributed BSN Medical's products into the hospital and other non-pharmacy channels; Beiersdorf distributed products into the retail pharmacy sector. These relationships enabled the joint venture to benefit from a greater critical mass in all trade channels, to the mutual benefit of both partners.
3.2.3 NEW OPPORTUNITIES
Building on its strong market position is an overriding objective for BSN Medical in the coming years. With this in mind, the new business actively seeks to develop new opportunities through enhanced joint research and development investment and through acquisitions and licensing arrangements. A combined team from Smith & Nephew and Beiersdorf, led by Graham Siddle, the Chief Executive, manages the new company. The business is being guided rigorously and carefully to become a leading independent global supplier of high quality health care products and its enhanced focus is expected to generate real value for its parent companies.

3.2.4 BSN MEDICAL AROUND THE WORLD
BSN Medical (BSN) works closely with its parents across the globe to sell and distribute its products world-wide. The following is a list of BSN’s key global sites.

- **Canada** – BSN has a small sales and marketing presence based in Toronto, employing 12 people.

- **USA** – North America accounts for 22% of BSN’s global sales. BSN has dedicated sales and marketing operations in the USA and the Casting & Bandaging and Phlebology Global Business Units (GBU) share their global headquarters in Charlotte, North Carolina. Phlebology has a manufacturing site in Rutherford College in North Carolina that produces compression stockings and a manufacturing site in Toledo, Ohio that produces custom made stockings and burn garments. Bsn employs over 750 staff in the USA.

- **Mexico** – Mexico is home to BSN’s new Casting and Bandaging factory, which was officially opened in May 2001. Located in the Border City of Reynosa, the factory is BSN’s global producer of synthetic splints and employs approximately 125 people.

- **United Kingdom** – The UK is one of BSN’s key European markets and has dedicated sales and marketing operations. The Casting & Bandaging manufacturing site in Brierfield in Lancashire has transferred from Smith & Nephew to BSN. The UK business also has a technical and sales and marketing presence in Hull. BSN employs a total of 465 people in the UK. The Hull factory remains a Smith & Nephew site but provides product for BSN.
• **Ireland** – Casting & Bandaging’s Tipperary manufacturing site in Southern Ireland employs 145 people.

• **France** – Another key market for BSN. Integrated sales and marketing operations are based in Le Mans. In addition there is a Casting & Bandaging /Wound care manufacturing plant in Vibraye. More than 300 people work for BSN in France.

• **Netherlands** – Like the bigger European and US markets, BSN has a dedicated sales and marketing business in the Netherlands. Operations are based near Amsterdam and BSN employs 50 people.

• **Germany** – Germany is BSN’s biggest market, accounting for 22% of sales world-wide. BSN has established its own sales and marketing operations in Germany and it is also home to BSN’s head office, located in Hamburg. The Wound Care GBU’s head office is in Hamburg and the GBU also has a manufacturing factory in Hamburg. In addition, Phlebology has a manufacturing site in Emmerich near the German-Dutch border. More than 500 people work for BSN in Germany.

• **Pakistan** – Casting & Bandaging has a manufacturing site in Karachi that employs 200 people.

• **South Africa** – Casting & Bandaging / Wound Care has a manufacturing facility in Pinetown which is outside Durban. There are also two smaller sites in South Africa. In total 740 people work for BSN in South Africa.

• **Indonesia** – BSN’s operations in Indonesia are based in Jakarta and employ 20 people. Products are being marketed by the parent companies.

• **New Zealand** – Based in Auckland, BSN’s products are marketed by Smith & Nephew. There is also a small manufacturing facility with 35 employees.

### 3.2.5 THE FIRST NINE MONTHS OF OPERATION

BSN Medical began operations on April 2\textsuperscript{nd} 2001 as a joint venture between Beiersdorf AG and Smith & Nephew PLC. Their objective was to create a new company that would focus on the development of product categories that had become non-core to their businesses. Furthermore, combining the highly complementary casting, bandaging, woundcare and phlebology operations of the two parents would create opportunities for growth and substantial synergies over the coming years.
BSN Medical owns and manages the vast majority of its manufacturing assets around the world together with sales and marketing teams in its largest markets – US, Germany, UK, France, The Netherlands and Italy. Elsewhere, sales agency agreements are in place with the two shareholders’ organisations. 2001 has focused on transferring the business with the minimum disruption to customers and beginning the process of synergy realisation.

Results from the first nine months have been encouraging. Sales at €399m are ahead of plan, with operating profit before interest and tax of around 10%.

Geographically, Europe dominates with 59% of global sales, with the US BSN Medical’s largest individual market in 2001 representing over 20%.

The geographical breakdown of employees reflects the global nature of the business and the location of new manufacturing sites such as Reynosa, Mexico, which began operation in 2001.

For 2002, it was planned that the initial integration phase would be completed with the focus of development increasingly concentrated on establishing BSN’s identity in the market, and particularly with our customers. Substantial investment would take place in research and development, marketing, sales resource and manufacturing, all aimed at realising both the synergy potential and growth opportunities from this world branded business.

The outlook for the company showed that with a gross asset base of over €300m and independent financial facilities, the Group was well placed to build on its success to date and senior management was confident that 2002 would show good growth in operating margin.
The creation of BSN Medical has been a complex and challenging project that has involved all of the 3352 employees in the business.

Integrating two different cultures and geographies, and beginning the task of establishing BSN's identity and values is now well underway. Progress has been very encouraging on all dimensions, especially so because the people have made the new organisation come alive.

Overall the General Management Committee provides direction within BSN and comprises of the following:

Chief Executive: Graham Siddle,
GBU President - Wound care: Maurizio Ballicu
GBU President - Phlebology: Claus-H Wiegel
GBU President - Casting and Bandaging: Darrel Jenkins
Regional Head: Jurgen Bauschke
Regional Head: Mike Hoskins
Chief Financial Officer: Stewart Bell
Group Human Resources Director: Steve Jay
3.2.5.1 WOUND CARE
BSN medical is the European market leader in surgical tape and wide area fixation with brands such as the Leuko and Albu range, Fixomull and Hypafix. Creating BSN gave substantial opportunity to rationalise these ranges of products and their manufacture and much of the activity in 2001 has concentrated on realising these synergies. This process will continue into 2002 and will have a positive impact on operating margin.
At the same time new initiatives such as the transfer from metal to plastic spools in 2002 has created momentum in the business. In April to December 2001, sales achieved €148m, an encouraging performance with an overall positive trend on market share.

3.2.5.2 PHLEBOLOGY
Sales reached €83m in April to December 2001 with good growth in operating margin. This performance reflected the successful launch of the JOBST OPAQUE range in key countries, which contributed to market share gain in the two largest markets, USA and Germany. Organisationally, global responsibilities were centralised in Charlotte, North Carolina during the year, along with the US customer service function, which transferred from Toledo.
Looking ahead the emphasis will be on developing the JOBST brand through quality, range and innovation. Our goal is to lead the market and provide the most clinically effective products for our customers. The end of 2002 will consolidate manufacturing into two sites, Emmerich, Germany and Rutherford College, USA.

3.2.5.3 CASTING AND BANDAGING
Casting and Bandaging has its sights on taking its business to a new level. The business success began in 1930 with the launch of the first Plaster of Paris (PoP) bandage, Gypsona, which is still a highly successful brand. This business unit focuses on strains, sprains and fractures and had the first nine months sales of €142m in 2001. This performance was supported by an excellent year in the US, where sales grew by more than 10%. The GBU is a true market leader, with annual global sales of around €225m.
Since the start of BSN, the GBU has continued to succeed in a major drive to improve product profitability by exploiting selling and manufacturing synergies. The new 8000
square meter manufacturing facility in Reynosa, Mexico, became fully operational in 2001 and produces synthetic splinting and casting products together with the more traditional PoP product. From here the products are being sold world-wide via a new distribution centre in Texas.

Over the next few years, the immediate goal is to improve customer service and product quality will be enhanced with a new product development programme. This will provide customers with cost effective products that have clearly superior features. The following strategies are in place to achieve this goal:

- Focus on the development of world-class branded products offering high quality therapeutic solutions to both patients and customers worldwide.
- Maintain the brand heritage and building its equity.
- Focus on accelerating business development by launching of many new products. The following are examples of this strategy: In 2002, DYNACAST P11, a new synthetic casting system that does not involve fibreglass is being launched; this will create additional momentum behind the cast business in 2002 and beyond. The initial market reactions are very encouraging. DYNACAST ankle splint has now become a €1m line, a growth of 40%. The wrist splint launch is planned for 2002.
- Introduction of a ‘fighting brand’ in the shape of Actimove orthopaedic supports. These will compete in the price sensitive hospital market for the immediate post-trauma or post-surgical treatment phase. The ACTOMOVE range of orthopaedic soft goods will be launched selectively in certain European countries. This will complement the strong position of TRICODUR in Germany and provide further growth in what is already a BSN dominated market.
- In line with BSN strategy of providing educational support for customers, the GBU has launched a new a new interactive CD-rom ‘Bandaging Compass.’ This training tool is aimed at the nursing community and will educate users in bandaging techniques while instilling brand loyalty.
3.2.5.4 REGIONAL SALES REVIEW

The US and Germany are BSN's two largest markets, each with over 20% of total sales. Encouragingly, the German business showed strong growth. This demonstrates successful management of the transition to BSN during the year.

![Sales by Region Chart]

Figure 3.3 – Sales By Region

In 2002, BSN will take complete responsibility for all sales and marketing activities in France and for the professional channel in Italy. This will give BSN direct responsibility for almost 70% of its sales world-wide, with the rest being managed by the two shareholders' organisations via sales agency agreements.

3.3 REVIEW OF THE FIRST YEAR OF OPERATION

In the first full year of operations as BSN, the challenging target of raising the operating margin by 2% to 12% was met and sales in 2002 was ahead of budget at 513 million Euros. Profits before interest and restructuring expenses were €62.3m. The restructuring continued in 2002 at a cost of €8.2m as the majority of the manufacturing rationalisation programme was completed. Interest and other financial items amounted to €5.2m, leaving pre-tax profits of €48.9m.
Figure 3.4 - Sales By Major Market

Figure 3.5 – Sales By Business Unit
3.3.1 WOUNDCARE
Woundcare beat both its sales and profit targets, with excellent results in Adhesive and Non Adhesive fixation, led by a significant recovery in the pharmacy channel in Germany. The operating margin increased to 10.4%, a 60% increase, driven by the manufacturing restructuring programme, which by the end of 2002 had Vibraye focusing on rubber adhesive, and Hausbruch on acrylics. In addition, the transition from metal to plastic spools was realised smoothly and efficiently with the integration of new packaging equipment. In the US the latex-free Coverlet dressing was launched following the successful manufacturing transition from Tyco to Beiersdorf Colombia. The plan for 2003 was to improve margins by undertaking further process improvements, helping to strengthen the business as it seeks market share growth and penetration into new markets.

3.3.2 PHLEBOLOGY
2002 was a successful year for the Phlebology Business Unit. The GBU achieved over target in both sales and profit, its margin approached 10%, and major restructuring projects were completed. Together with key market initiatives, this will continue to support Jobst’s leadership of the global Phlebology / Lymphology business in the future.

Sales and profit performance was good in 2002, with strong organic growth in its key markets; this has further strengthened the market leader position of the Jobst brand. The rollout of the key Medical Leg Wear brands – Jobst Ultra Sheer, Opaque and For Men, with several new products, has contributed to that success. In addition, the Lymphology business, with the Elvarex flagship brand, performed extraordinarily well.

Overall, the ability of BSN to offer stockings and bandages to the medical community is a unique advantage for a one-stop, solution-oriented approach. The Phlebology Business Unit is set on strengthening its market position through:

- Product innovation, with specific focus on special customer needs and patient compliance.
- Process improvements in production and throughout the entire business system
- More aggressive rollout of new products and programmes.
3.3.3 CASTING AND BANDAGING

Sales in 2002 are estimated to have grown by 2%, reflecting BSN’s high market share in a static market. Bandaging sales grew 4% with strong growth in rigid strapping and non-adhesive support. Casts and splints grew 1%, with synthetic splints up 8%. Non-fibreglass sales grew by 30%, driven by increased penetration in Germany and the initial launch phase of Dynacast P11.

Elastic adhesive bandage manufacture was successfully transferred from the US to South Africa, generating significant benefits along with the completion of several other manufacturing programmes, all of which contributed significantly to the operating result. Net profits at €33m were 10% ahead of last year, generating a margin of 16.7%. The challenge still remains to generate market share growth in a flat market through targeted product innovation and the effective use of BSN’s in-market sales strength.

3.4 VISION AND VALUES

After a year of evolution and refinement, BSN has a clear statement of its founding principles. The point of any company Vision and Values is to provide the framework on which the business rests. It is not a description of what is, but is what we aspire to and how we want to conduct ourselves.

Our vision is what we are aiming to be as a business, and our values are a set of shared beliefs, which guide the way we work together to deliver our vision.

VISION:

To grow the value of our business, by developing cost-effective medical products and therapy solutions, to meet the needs of patients and customers.

VALUES:

- Believing in our people and valuing their diversity.
- Succeeding through teamwork across organisational boundaries and cultures.
- Listening to our customers and being responsive to their needs
- Constantly striving for higher performance and improving what we do.
3.5 RE-ORGANISATION STRATEGY

As a result of the joint venture between two established companies, BSN was faced with numerous production and manufacturing facilities scattered around the globe. Some of these facilities were duplication and others were not focused in the correct areas. Due to this position the next phase of the joint venture process was to re-organise manufacturing and production, for efficiency and service.

This activity formed a re-configuration of BSN’s manufacturing to three dedicated centres that specialised in their own products and supply most of the world. The following dedicated world production centres resulted from this re-organisation process:

- Hausbruch, Germany – production centre for acrylic tapes,
- Vibraye, France – production centre for rubber tapes,
- Pinetown, South Africa – production centre for elasticated adhesive bandages (EABs).

Becoming BSN meant that we took on as much responsibility and actual ownership as possible of the manufacturing sites in which we produce BSN products. Since April 2001, a complex set of transfers of product manufacture, ownership and operating responsibility has been carried out. Despite tight time scales, the primary goal, the transfer to BSN was achieved.

The second phase, which consisted of developing the manufacturing centres to apply best practice and bring the factories into a new level of performance. Phase one of the strategy implementation improved the operating margins and phase two is set to improve those margins further. The project goals are to simplify and streamline the working methods through the contributions of as many people as possible within the company. This would be achieved by having manufacturing sites take an in-depth look at every aspect of their manufacturing processes, and define new or better ways of working.

The programme is structured into three separate but interrelated projects, which together is known as Operational Excellence (O.E).
Productivity
How we produce our products and how we can do that better. Emphasis is on efficiency rather than on rationalising the product base.

Purchasing
How we supply our manufacturing needs and how we can leverage our power to lower costs. This project will intensify the present joint purchasing initiative of BSN, Beiersdorf, tesa and Smith & Nephew. This is a direct purchasing, dealing with the goods we need to make our products.

Independent Projects
Cross GBU projects that will focus on specific issues. A good example is the combined efforts of Casting and Bandaging and Wound Care to rationalise the adhesive masses they now use.

Figure 3.6 The Operational Excellence Project

3.6 BSN MEDICAL SOUTH AFRICA
With regional responsibility for Africa, India, Pakistan and the Indian Ocean Islands, and an ever-increasing portfolio of products to manufacture, South Africa is a bright star on the BSN horizon. The South African operation recently unveiled its new advertising campaign at the South African Orthopaedic Association with the underlying strategy that BSN Medical South Africa wants the world to know that a confident new regional organisation is in business.

The organisation has the products and the determination to build a first-class manufacturing and sales force. The enhanced responsibilities include sales management for the region. Sales in South Africa are conducted via Smith & Nephew, while BSN’s sales elsewhere in Africa are conducted via agents and distributors.
South Africa has been an important part of what is now BSN business since 1953, when Smith & Nephew established a manufacturing site in Pinetown. For over 40 years, the main manufacturing focus was medical textiles, which were further processed into a range of surgical dressings, adhesive and non-adhesive bandages and plaster of Paris casting products. In 2002, as part of Smith & Nephew’s manufacturing re-engineering project, specialisation into consumer first aid dressings began. That was the organisation that BSN acquired in April 2001. With the BSN name came a raft of changes that are doubling production, increasing employment by 15%, quadrupling exports and energising the whole organisation. Some milestones of this staggering growth are:

- South Africa is now the site of manufacture of the global requirements for medical First Aid Dressings and Elastic Adhesive Bandages. Elastic Adhesive Bandages, once produced at the rate of one million per year, then 6 million in BSN’s first year of operation, 2001, now will be 20 million in 2002.
- Accommodating this need is a brand new Pinetown factory, just opened in October 2002. Once an old textile building, Pinetown has been transformed with a R45 million investment.
- South Africa’s sales to BSN group are now a major portion of total sales; where only two years ago total exports were 30% of manufacturing, they now are growing to be 70%; the remainder is sold into South Africa as well as exported to Europe, Australia and Africa.
- Administration is fully in the name of BSN; in a matter of months, BSN was able to invoice in its own name, rather than its legacy company.
- Its corporate PR programme and a vigorous marketing programme are raising the profile of the organisation throughout the country.
- Its employees are amongst the most enthusiastic and best informed, with numerous communication channels and a can do culture; its Quality Assurance and Best Operating Practice programmes rival the best.
3.7 BSN SOUTH AFRICA'S IMPROVEMENT STRATEGY

A world-class company is one that has:

- The ability to dominate its market by outperforming all companies in those key selected variables that win the orders from its target market,
- Focused the minds of all its people on the common agenda of survival and growth as the route to constantly improving the quality of life for all its stakeholders,
- Developed, empowered and motivated all employees with the required skills, structures, performance measures and rewards to enable constant improvement on those order winning variables.

BSN medical South Africa is focusing on 'Best Practice' as a means of improving both procedures and the working environment. The 'Best Operating Practice' (BOP) project currently underway will be key to achieving the following:

- To elevate standards to that required by the world markets BSN South Africa seeks to serve,
- To compare the company with World Class Companies and make changes in the way things are done so that BSN can compete on an equal footing,
- To become more productive and competitive.

The potential benefits of this programme are:

- An improvement in communication at all levels within the organisation,
- Greater involvement of employees in the functioning of their departments,
- Development and growth for individual employees, as the implementation of the practices also includes a lot of training,
- A more competitive company which increases job security,
- Well-organised work areas making for better working conditions.

The project has a steering committee, which is made up of management and employee representatives from all parts of the company. Two production areas, Tampons and Adhesive Spreading were selected to implement pilot programmes. The other production areas are in the process of being phased in as lessons learnt from the pilot programmes are passed on.
3.7.1 OVERVIEW OF THE BEST OPERATING PRACTICE PROJECT

Becoming World Class is a journey; it requires the systematic identification of the areas where improvement is to be focused. Best operating practice follows on from manufacturing strategy, which cascades down from corporate strategy. Therefore it is important to note the relationship and the fact that best practices needs to be underpinned by a manufacturing strategy and a transformation process, which incorporates leading and managing change. These are the first building blocks of the process. The next level incorporating Teamwork, 5S, Visual Performance Measurement and Focused Improvement are generic and are prerequisite for the specialist level. On reaching the specialist level, the organisation must select which of the seven specialist areas or pillars would be most applicable to improve performance.

Figure 3.7 Best Operating Practice Project

Leading and Managing Change is designed to assist with the process of guiding and managing an organisation from a position of being comfortable with the status quo to
one of being comfortable with on-going change. World Class organisations are competent at both interpreting the competitive environment and responding rapidly and effectively. They are in a state of perpetual renewal.

The foundations of the process are:

- **Teamwork**, which helps design work teams, prepare the environment for teamwork and develop the teams into productive and increasingly autonomous units. Teamwork enables the organisation to respond more effectively to marketplace demands for high quality, increased flexibility, low prices and immediate availability. Through the team structure, employees are able to contribute meaningfully to organisational performance and productivity improvement.

- **5S** incorporates a structured way of implementing and maintaining workplace organisation and discipline through the proven Japanese principles of 5S. These are:
  1. **Seiri** : Remove unnecessary items.
  2. **Seiton** : Organise everything.
  3. **Seiso** : Clean the workplace.
  4. **Seiketsu** : Establish standards.
  5. **Shitsuki** : Maintain discipline.

The 5S principles emphasise the concept of maintaining a clean and organised workplace and form the foundation for all other best practices. It is the passionate striving towards excellence in cleanliness and order, and is upheld by true World Class organisations as the cornerstone of sustained superior performance.

- **Visual Performance Measurement** is aimed at setting up ‘visual scoreboards’ throughout the organisation, with specific focus on the workplace. Current performance levels in key areas are measured, quickly fed back to the relevant teams and displayed visually. This in turn drives awareness, problem solving and continuous improvement.

- **Focused Improvement** will ensure that the implementation of other best practices are focussed on delivering bottom-line results. This achieved by identifying and focussing on the main wastes and other problem areas in the organisation, and introducing problem solving techniques and structures to eliminate these problems.
permanently. Concepts such as Deming’s Plan-Do-Check-Act cycle, and General Electric’s Six Sigma drive from the cornerstones at this level.

The specialist level or ‘Pillars’ is the area were the organisation focus is concentrated. The organisation chooses one pillar of seven, through which it will achieve World Class Competitiveness. These pillars are:

- **Autonomous Maintenance** which will assist in creating a culture whereby operators take ownership of their equipment and share the responsibility for its maintenance with the Engineering Department. The main reason for autonomous maintenance therefore, is the prevention of breakdowns. The second reason is to free up the maintenance staff to do more complex and proactive maintenance work.

- **Effective Maintenance** – In a capital intensive, continuous manufacturing environment, downtime due to breakdowns is one of the major waste areas. It is therefore essential to have an effective preventative maintenance program to ensure equipment stability and efficiency at reduced maintenance costs.

- **Set-up Time Reduction** – helps reduce the changeover and set-up times on your machines, thereby making them more productive and efficient.

- **Quality** – This pillar provides the organisation with the capability to control quality at source and ensure consistency in those product characteristics that the customer values.

- **Process Flow** – This pillar guides the improvement of material and information flows associated with an organisation, through a focus on creating value and eliminating waste along the value chain.

- **Supply Chain Effectiveness** – aims at reducing waste and lead times across the external supply chain. It addresses aspects such as demand forecasting, sales and operational planning, inbound logistics, warehousing, distribution and customer service.

- **Administrative Excellence** – Application of the principles and practices of World Class Manufacturing to an office or administrative environment. Its aim is not only to eliminate waste and inefficiencies, but also to provide a better service to the operational functions.
3.8 HEALTHCARE TRENDS ANALYSIS

The healthcare industry, like any other industry is under constant threat due to globally evolving trends. An analysis of the industry reveals the following most important trends:

- Due to the high costs of hospitalisation and medical care, there is a severe cost pressure for shorter hospital stays.

- As the primary care sector strengthens, this is likely to lead to more acceptance of conservative treatment by healthcare professionals.

- The evolution to an integrated healthcare system is likely to increase focus on total cost.

- As customer convenience takes on a more important meaning, the growth in one stop shopping will continue to fuel the demand for complete solutions.

- Customers, including patients, will demand more effective treatment protocols.

- There is a shift to preventative medicine.

- Technology will push more devices and diagnostics into outpatient and home settings.

- There is greater number of screenings of 'at risks' patients of a greater number of asymptomatic conditions. Further along the time continuum, there could be the regular screening and monitoring of the healthy.

- Chronic illnesses are the most costly to the health care system. The prevention will reduce the numbers needing expensive treatment, decreasing the number of people entering hospital and residential care, and allowing for early discharge, thus g cost to healthcare.

- With a better-informed and wealthier ageing population, people will pay to prevent the onset of a disease or illness.

- Preventative medicine could also be an effective strategy in poorer countries as the cost of treatments for common infectious diseases might be beyond the budget of poorer countries, and the only way of cutting hospital costs is with prevention.
3.9 FACTORS AFFECTING THE MEDICAL INDUSTRY

These are the external factors affecting the medical industry, which BSN cannot influence but must react to.

- **Political Factors**
  1. The healthcare system in each country is greatly influenced by its political system.
  2. Free trade agreements.
  3. Political and social unrest.

- **Economic Factors**
  1. Economic Recession
  2. Exchange rate fluctuations
  3. Healthcare economics
  4. Reimbursement

- **Social Factors**
  1. More active population
  2. Ageing population
  3. Increased consumer focus
  4. Media Hype: Increased awareness of medical conditions.

- **Technological Factors**
  1. Telemedicine
  2. Greater understanding of conditions/injuries and how to treat them
  3. Trends towards preventative medicine through diagnostics.

- **Legal/Regulatory issues**
  1. FDA, CE, UL approvals
  2. Other regulatory requirements
  3. Medical devices directives
  4. Specific local legal requirements of countries
  5. Packaging requirements and specifications.

These factors determine the opportunities and threats facing BSN Casting and Bandaging division.
3.10 CONCLUSION
The creation of the joint venture company BSN Medical has created many opportunities for the parent companies, however it has thrust the new company onto a steep learning curve. BSN Medical has proceeded on this journey to create a World-Class company. With so many divisions in different countries and different cultures, this was no easy task. The first step was to unite the different operating divisions into one company with one corporate identity. The next step was to concentrate on the operations function of these divisions in helping the company achieve its objectives. The South African division has embarked on the Best Operating Practice project in order to enable this division to close the gap. This initiative has been undertaken to make the company one of the best in the world in respect of quality and operating efficiency. It will also help introduce improvement opportunities by adopting new ways of working to help ensure that all the resources are utilised to achieve maximum operating efficiency. Recent company results and the milestones that have been achieved show that BSN is well on its way to achieve its goals. However a mechanism has to be in place in order to establish where we are now, our current level of achievement and where we want to be, our desired level. The next step, the evaluation helps measure and determine these positions.
CHAPTER 4: EVALUATION OF BSN MEDICAL

4.1 INTRODUCTION
Companies today need to be fast growing, efficient, profitable, flexible, adaptable, future ready and have a dominant market position. Without these qualities, firms believe that it is virtually impossible to be competitive in today's global economy. In some industries, firms may move into new markets, while other firms may focus on their own internal growth, leadership and development. Regardless of industry, however, it appears that it has become all but impossible in our global environment for firms to compete with others without growing and expanding. The joint venture company, BSN Medical is an example of such an endeavour. This chapter will focus on evaluating the company.

4.2. THE EVALUATION PROCESS
The evaluation process used is the competitive approach. This approach identifies what appears to be the key characteristics that enables a business to be competitive and entrepreneurial. The model is based on literally thousands of studies of how businesses succeeded or failed at being competitive, innovative, flexible and entrepreneurial.

The competitive approach is largely concerned with two groups of organisational characteristics that can, to a great extent, be managed and controlled. They are:

- Strategy, which is about knowing what you want to achieve and how to achieve it, and
- Culture, which is about engaging the intelligence, expertise and commitment of people in achieving the strategy.

Before they can be of practical use, these characteristics must be capable of measurement so that a firm can see how it appears to perform.

An interview consisting of a set of pre-formulated written questions was used as the primary data collection tool. The interview was conducted on a representative sample of employees consisting of different levels within the organisation. A sample of twenty was used and they were individually interviewed. The interview consisted of three sub-sections and the responses where recorded and analysed.
4.2.1 INDUSTRY ASSESSMENT

The preliminary assessment of the industry profile is obtained by considering the average of the twenty industry related questions above. The answers help define the parameters relevant to the competitive matrix and probe the probable importance of innovation and change to the industry. It considers aspects such as whether the industry appears to be well adapted to coping with a rapidly changing technological environment and also whether it could be an effective change generator.

In general the average score would indicate to a firm in which quadrant to position itself and also what actions to take to combat industry pressures. Very high and very low scores would indicate that a firm in that industry would need to position itself in the upper right hand quadrant, revealing a progressive culture and focused strategy. Thus, it is suggested that scores of below 25% or above 75% would seem to justify modifying the matrix. Scores from 25% to 75% imply that there is no requirement to modify the entrepreneurial matrix.

Table 4.1: From which technological revolution does your industry stem?

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<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
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<tbody>
<tr>
<td>0 = Eighteenth century</td>
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<td>4</td>
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<tr>
<td>5 = 1930's</td>
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<td>9</td>
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<tr>
<td>10 = Current</td>
<td>0</td>
<td>0</td>
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<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>AVERAGE</td>
<td>50%</td>
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</table>

Table 4.1 revealed that all respondents agreed on the fact that the industry stemmed from the 1930's era, which shows that the cross section of employees are well versed on the industry beginnings.
Table 4.2: If you answered A or B above, would you say that its focus is mainly on specialist, high quality and relatively high technology parts of the market?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
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<tbody>
<tr>
<td>0 = Not at all</td>
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<tr>
<td>10 = Completely</td>
<td>0</td>
<td>0</td>
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<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
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<tr>
<td>AVERAGE</td>
<td>52.5%</td>
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</table>

The responses indicated in table 4.2, showed that they were spread over the mid range, with 35% of the respondents responding to the fact that the industry is specialist, high quality and high technology and 10% responded to the fact that it was not. The average for this question was 52.5%, which could also be attributed to the fact that the respondents were a cross-section of employees with different perceptions of the industry.

Table 4.3: How has your industry been affected so far by the new technologies?

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<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
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<tbody>
<tr>
<td>0 = Not at all</td>
<td>0</td>
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<tr>
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<td>5</td>
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<tr>
<td>9</td>
<td>0</td>
<td>0</td>
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<tr>
<td>10 = Comprehensively</td>
<td>0</td>
<td>0</td>
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<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
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<tr>
<td>AVERAGE</td>
<td>57.5%</td>
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Table 4.3 shows that there was again a large spread of responses, with 35% to 40% of the respondents responding to the fact that the industry has been affected by new technologies and 5% responded to the fact that there was little affect. The average for this question was 57.5%, which could also be attributed to the fact that the respondents were a cross-section of employees with different perceptions of the industry and the drivers of change within the industry.

Table 4.4: To what extent do you envisage it will be affected over the next 5 years?

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<th>CATEGORY LABEL</th>
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<tr>
<td>0 = Not at all</td>
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<td>9</td>
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<tr>
<td>10 = Comprehensively</td>
<td>0</td>
<td>0</td>
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<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
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</table>

In table 4.4 there was more consistency in the responses to this question, with 90% of the respondents believing that the industry would be affected over the next five years. The average for this question was 60.5%, which suggests that employees have some idea of future trends within the industry.

Table 4.5 suggests that there was some consensus on this point and most respondents revealed that the stage of technological development within the industry was regarded as medium to high. The average for this question was 50.5%.
Table 4.5: At what stage of technological development (i.e. on its S-curve) is your industry?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
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<tbody>
<tr>
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<tr>
<td>9</td>
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<tr>
<td>10 = At its limits</td>
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<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>AVERAGE</td>
<td>50.5%</td>
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</table>

Table 4.6: Does the current technology fully satisfy customer requirements?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = Completely</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>6</td>
<td>5</td>
<td>25</td>
</tr>
<tr>
<td>7</td>
<td>9</td>
<td>45</td>
</tr>
<tr>
<td>8</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10 = Not at all</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>AVERAGE</td>
<td>65.5%</td>
<td></td>
</tr>
</tbody>
</table>

Table 4.6 suggests that the responses for this question ranged from medium to high were the majority of the respondents felt that the current technology satisfies the customer requirements to some degree, however there is room for improvement. The average for this question was 65.5%, which is above average. 45% of the respondents felt strongly that the current technology was adequate to satisfy customer requirements.
In table 4.7, the majority of the respondents believed that there was very little continuous innovation in the industry, suggesting that the industry was stagnant or in a mature phase. This would suggest that there is room for improvement, which could start a growth phase in the industry. There is also room for diversification and exploring new growth opportunities, as the average for this question was 57.5%.

Table 4.8: Does your industry have open technological communications?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = Not at all</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>3</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>7</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10 = Completely</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>20</strong></td>
<td><strong>100</strong></td>
</tr>
<tr>
<td><strong>AVERAGE</strong></td>
<td><strong>33%</strong></td>
<td></td>
</tr>
</tbody>
</table>

In table 4.8, the respondents believed that their industry had open technological communications, as the average for this question was 33%.
Table 4.8 reflects that the average for this question is 33%, which suggests that the organisations within the industry do not have open communications and sharing of technological ideas. This is possibly due to the mature industry where there is not much technological change or the fact that technological advantage contributes to market share and any form of sharing would jeopardise the firm’s position within the organisation. 50% of the respondents believed that there was medium to low sharing.

Table 4.9: Is your industry’s basic technology developing fast?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = Extremely low</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>8</td>
<td>40</td>
</tr>
<tr>
<td>6</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>7</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10 = Very fast</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>AVERAGE</td>
<td>34%</td>
<td></td>
</tr>
</tbody>
</table>

The average for question 4.9 is 34%, with the majority of the respondents believing that technology development within the industry is very low. This again is possibly due to the mature industry where there is not much technological change.

The responses to question 4.10 reflect an average of 47%, which shows that the respondents were not quite sure of the management composition of firms within the industry.
Table 4.10: do finance professionals manage the leading firms in your industry?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = Mainly</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>6</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>7</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10 = None</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>AVERAGE</td>
<td>47%</td>
<td></td>
</tr>
</tbody>
</table>

Table 4.11 reflects that the majority of the respondents believe that technological competence is more important than cost efficiency. Here again, looking at a mature industry, players are using the fact that proven technology and quality is what is important to the customer or is the selling point of the products.

Table 4.11: Is technological competence more important than cost efficiency?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = Definitely not</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>5</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>6</td>
<td>11</td>
<td>55</td>
</tr>
<tr>
<td>7</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10 = Definitely</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>AVERAGE</td>
<td>48%</td>
<td></td>
</tr>
</tbody>
</table>
Table 4.12: Does your industry have an active research organisation?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = No</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>9</td>
<td>45</td>
</tr>
<tr>
<td>4</td>
<td>11</td>
<td>55</td>
</tr>
<tr>
<td>5</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>6</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>7</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10 = Yes</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>AVERAGE</td>
<td>35.5</td>
<td></td>
</tr>
</tbody>
</table>

Table 4.12 shows that there is strong consensus that there is little going on as far as research within the industry. This again is indicative of a mature industry were there is no immediate growth potential and there is reluctance to spend funds on research and development. Here the emphasis is on harvesting of the existing technologies.

Table 4.13: Does knowledge of new technological innovations spread quickly in your industry?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = Yes</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>4</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>5</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>6</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>7</td>
<td>11</td>
<td>55</td>
</tr>
<tr>
<td>8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10 = No</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>AVERAGE</td>
<td>58%</td>
<td></td>
</tr>
</tbody>
</table>

Question 4.13 reveals that the majority of the respondents are of the opinion that technological innovations do not spread rapidly. This is possibly due to the fact that
the innovations are few and far between and also innovations are closely guarded by the different organisations and are not shared within the industry.

Table 4.14: Is your industry heavily unionised?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = Yes</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>5</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>6</td>
<td>11</td>
<td>55</td>
</tr>
<tr>
<td>7</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10 = No</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>AVERAGE</td>
<td>48%</td>
<td>100</td>
</tr>
</tbody>
</table>

Table 4.14 reflects that there is an average union representation within the industry.

Table 4.15: Do you believe typical junior managers in your industry frequently work long hours without overtime pay?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = None</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>4</td>
<td>16</td>
<td>80</td>
</tr>
<tr>
<td>5</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>6</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>7</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10 = Many</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>AVERAGE</td>
<td>42%</td>
<td>100</td>
</tr>
</tbody>
</table>

Table 4.15 suggests that junior managers are compensated for their overtime work.
Table 4.16: Has your industry seen much structural change as a result of new technology?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = Not at all</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>5</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>6</td>
<td>13</td>
<td>65</td>
</tr>
<tr>
<td>7</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10 = A great deal</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>20</strong></td>
<td><strong>100</strong></td>
</tr>
<tr>
<td><strong>AVERAGE</strong></td>
<td><strong>54.5%</strong></td>
<td></td>
</tr>
</tbody>
</table>

The results reflect that there has been medium to low structural changes in the industry.

Table 4.17: Are the leading firms in your industry long established?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = Yes</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>7</td>
<td>35</td>
</tr>
<tr>
<td>2</td>
<td>13</td>
<td>65</td>
</tr>
<tr>
<td>3</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>4</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>5</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>6</td>
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<td>0</td>
</tr>
<tr>
<td>7</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10 = No</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>20</strong></td>
<td><strong>100</strong></td>
</tr>
<tr>
<td><strong>AVERAGE</strong></td>
<td><strong>16.5%</strong></td>
<td></td>
</tr>
</tbody>
</table>

The results reflect that the leading firms in the industry are long established.
Table 4.18: Do the ‘big three’ firms in your industry have around 50% or more market share?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = Yes</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>3</td>
<td>11</td>
<td>55</td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>5</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>6</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>7</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10 = No</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>AVERAGE</td>
<td>31%</td>
<td></td>
</tr>
</tbody>
</table>

The results indicate that the industry is monopolised by a few large companies.

Table 4.19: Is your industry subject to a lot of overseas competition?

<table>
<thead>
<tr>
<th>CATEGORY LABEL</th>
<th>FREQUENCY</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = No</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>10 = Yes</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>AVERAGE</td>
<td>60.5%</td>
<td></td>
</tr>
</tbody>
</table>

The other players in the industry are all overseas based and supply a global market. Therefore there is a great amount of competition especially when one considers the effects of fluctuations in exchange rates.
The industry is price driven and great emphasis is placed on getting the product to the market at the cheapest price. However, although the price is important, there is no compromise on quality as the products are medical products.

**TOTAL AVERAGE FOR INDUSTRY PROFILE = 49.4 %**

As the average score calculated from the responses is 49.4%, this would suggest that the firm could operate within the current industry matrix and no further adjustments are required to position the organisation within the matrix. The positioning would be determined by further analysing the organisation with regards to the strategy and culture dimensions.

### 4.2.2 THE STRATEGY DIMENSION

The assessment of strategy is achieved in terms of being focused or dispersed. The five main components of strategy have been defined as:

- Strategic direction,
- External communications,
- Long-term orientation,
- Core competence,
• Customer focus.

A set of questions designed to enable a business to identify its relative strength on each component of strategy was used. The questionnaire generated average scores for each component between −3 and +3. This quantitative scaling of responses enables scores to be aggregated and averaged and also plotted on the strategy profile.

![Strategic Direction](image)

**Figure 4.1 – Strategic Direction**

The average score for strategic direction is 0.58 with 40% of the respondents scoring below the average. Although it is a positive score, the score is however too low for a competitive organisation. This suggests remedial action on this component of the strategy profile. The varying responses also suggest that the employees interviewed were all not of the same opinion of the strategic direction of the organisation.

![External Communications](image)

**Figure 4.2 – External Communications**
Analysing the results as per figure 4.2, the component of external communications enables the organisation to determine its role in maintaining the communication channels between the organisation and the other role players in the immediate environment. The organisation has to consider the customers, other players in the industry, competitors, suppliers, the political and legal environments. Social, technological and economical factors also play a leading role in the analysis. The organisation needs to maintain open channels of communication and constantly consider and evaluate its options. The average for this component is 0.435 with 55% of the respondents scoring below the average. Here again, although positive, the low score suggests that this is a problem area that needs immediate attention. Management needs to consider a plan of action in order obtain a greater positive score, which would help position the company.

**Figure 4.3 – Long Term Orientation**

Long-term orientation explores the company's stance on long-term issues. It looks at five-year projections, new technology and research and development, capital expansion and investments, quality and performance improvements and continuous improvements in order to improve the cost efficiency of the business. The average for this section is −0.01 with 45% of the respondents scoring below the average. This area of the business needs immediate attention if the company is expected to grow and survive into the future, especially in a global market. The survival of any business depends largely on the future vision and strategy that is put into place.
The fourth component of the strategy profile is core competence. Core competence is the foundation of a winning strategy and is the possession of particular technological or managerial capabilities, which in combination provide the organisation with a leadership position in the development of certain generic or core products. The average for this section is 0.835 and 55% scored below the average. This could suggest that there is a positive move towards building a core competence, however this has not filtered down to all parts of the organisation, or some of the respondents do not know were or how they fit in to the concept of core competence.

The final component of the strategy profile is the customer focus. Customer focus is the glue that holds a winning strategy together. It is an analytical approach to the customer, intended to achieve long-term relationship of mutual profit. Here we focus on finding out what the customer wants, providing value and quality at reasonable prices, knowing whom the customer is and how to satisfy the customer. It is also
important to know how the customer rates the products in relation to the other competitors in the industry. The average for this section is 0.77 with 40% of the respondents scoring below the average. Although this is a low score, the company is making some efforts to focusing on the needs of the customer. This positive score will help maintain the company in the second quadrant, however there is still quite a considerable amount of focusing of strategy that is required.

![Strategy Profile Diagram](image)

Figure 4.6 – Strategy Profile

Figure 4.6 illustrates the strategy profile of BSN Medical. Literature suggests that in most industries, a competitive organisation should expect to score around 1.5 or more on the strategy profile. This is particularly important in new high growth, high technology industries and also in decline situations where an old industry has not yet made use of new technology. This would apply in the case of BSN as the company is in a state of transition in a low growth industry. The score obtained is 0.523, which is only 35% of the recommended score. This suggests that an action plan needs to be put into place in order for the company to survive into the future.
4.2.3 THE CULTURE DIMENSION

Measurement of culture is made in terms of being progressive or traditional. The four main components of culture have been identified as:

- Empowerment,
- Corporate integrity,
- Involvement in leadership,
- Motivation to commitment.

A set of questions designed to enable a business to identify its relative strength on each factor and so identify its culture profile was used. The questionnaire generated average scores for each component between −3 and +3. As with the strategy profile, this quantitative scaling of responses enables scores to be aggregated and averaged.

**Figure 4.7 - Empowerment**

Focused freedom is what empowers people in an organisation to achieve the organisation's strategic aims and empowerment is the basis of a progressive culture. Empowerment is the end result of management action, and the underlying conditions that result in empowerment need to be fully understood so that they can be effectively managed, according to particular circumstances, to achieve the desired results. The results as depicted in figure 4.7 shows that 60% of the respondents scored below the average of 0.32. This split in responses could be the difference between those that empower and those that are empowered.
Figure 4.8 – Corporate integrity
Maintaining high integrity is a basic component of an achievement culture. Integrity, or its lack, is manifested whenever a firm or an individual takes part in some interaction with another interdependent entity. These interactions may be simple and direct or extremely indirect. This component explores concepts such as favouritism, honesty, environmental awareness, contribution to the local community, fairness as an employer and frequencies of review and reporting of ethical performance. This component scored a fairly high average of 1.24 and only 45% of the respondents scored below the average.

Figure 4.9 – Involvement in leadership
The basic organisational management problem is how to engage people’s involvement in and commitment to the organisation’s strategic intent. Here we evaluate the amount of influence employees have on decisions that effect them personally, staff development, initiative, decision making, channels for voicing ideas and suggestions,
delegation of decision making, interaction with senior management, and teamwork. The average for this section is a very low -0.78 with 50% of the respondents scoring below average. This suggests that there are serious problems and immediate action is required.

![Motivation to Commitment](image)

**Figure 4.10 – Motivation to commitment**

Motivation to commitment is the last component that makes up the culture profile. Some people, who may be highly intelligent and skilled, are fundamentally uninterested in organisational aims; others, who may be of limited experience and aptitude, may dedicate 100% of their finite capability to the achievement of strategic aims. Management’s job is to try to ensure that all the people contribute to the organisational aims as fully as is feasible. The average score is -0.66 with 60% of the respondents scoring below the average. The points considered here were recognition of employees’ achievements, is the work self satisfying, responsibility, rewards for efforts, basis for promotions, are salaries and wages competitive, performance tracking, management’s role in helping and supporting, and employee participation in ownership of the organisation. The extremely low score suggests that this area needs to be looked at as a matter of urgency as immediate action is of importance.
Figure 4.11 illustrates the culture profile of BSN Medical. Literature suggests that in most industries, a competitive organisation with a progressive culture should expect to score around 1.5 or better on the culture profile and all components should have a fairly even profile. The score obtained is 0.03, which is well below the score. The only area that scored reasonably well was corporate integrity. Empowerment was barely positive and both leadership and motivation scored as negative. This suggests that there are areas in immediate need of attention and an action plan needs to be put into place in order for the company to survive into the future.
Figure 4.12 – The competitive matrix

Figure 4.12 shows the present position of BSN Medical within the competitive matrix. Analysing the two variables, strategy and culture and plotting the average scores arrived at this position. The analysis revealed that the company scored an average of 0.523 on the strategy profile and 0.03 on the culture profile. Plotting these scores on the matrix revealed that the company is presently positioned in the lower section of quadrant 2. As previously mentioned, a competitive organisation with a progressive culture should at least be positioned in the centre of quadrant 2 or towards the top right hand corner. This position reveals were we are and sets the basis for the gap analysis and any future improvement strategies. Discussions on how to narrow the gap will be dealt with in the next chapter that looks at the recommendations.
CHAPTER 5: CONCLUSIONS AND RECOMMENDATIONS

5.1  INTRODUCTION

Literature suggests that in most industries, a competitive organisation should expect to score around 1.5 or more on the strategy profile and the culture profile. This would position the company in the second quadrant. This is particularly important in new high growth, high technology industries and also in decline situations where an old industry has not yet made use of new technology. This would apply in the case of BSN as the company is in a state of transition in a low growth industry.

5.2  RECOMMENDATIONS ON THE STRATEGY PROFILE

The assessment of strategy is achieved by evaluating the company with respect to it being focused or dispersed. In order for BSN Medical to become a world-class competitor, it would need to adopt a focused strategy. In evaluating the five main components that formed part of the strategy dimension, the company would need to consistently score above zero in all components. This is the lower range of the scale, as companies with focused strategies would score in excess of 1.5 on a scale of -3 to +3.

The average score for strategic direction is 0.58. Although this score is above zero, it is well below the 1.5 threshold for a competitive company. This suggests remedial action on this component of the strategy profile with regards to:

- Ensuring that strategic aims are stated clearly and simply and communicated to all employees.
- The strategy making process should be a participative process involving all levels of the organisation.
- Greater efforts are required in ensuring that members of the organisation know how their jobs contribute to strategy.
- Focus is required in order to exploit opportunities as they arise.
- The company is to move to ensure that the products or services are clearly different from the main competitor’s.
• The company needs to establish position in the market, which is recognised by everyone, both inside and outside the organisation.
• Ensure that the company steers away from fire fighting which detracts from pursuing the stated strategy of the business.
• A system for monitoring the progress made in achieving the strategic aims needs to be put into place.

In analysing the results of **external communications**, the organisation has to consider the customers, other players in the industry, competitors, suppliers, the political and legal environments. Social, technological and economical factors also play a leading role in the analysis. The average for this component is **0.435**. Here again, although positive, the low score suggests that this is a problem area that needs immediate attention. Management needs to consider a plan of action in order to obtain a greater positive score, which would help position the company. Areas that require attention are:

• Making special efforts to keep in close touch with customers in addition to normal routine sales contacts.
• Establish good working contacts in the industry.
• Establish closer links with the suppliers of the technology and raw materials.
• Keep abreast of developments in technology.
• Institute a system of regularly updating of information on customers, technology, products and market trends.
• Keep abreast of what the government’s next moves are likely to be in relation to the industry.

**Long-term orientation** explores the company’s stance on long-term issues. It looks at five-year projections, new technology and research and development, capital expansion and investments, quality and performance improvements and continuous improvements in order to improve the cost efficiency of the business. The average for this section is **-0.01**. This area of the business needs immediate attention if the company is expected to grow and survive into the future, especially in a global
market. The survival of any business depends largely on the future vision and strategy that is put into place. A serious look into this component is required with regards to:

- Ensuring that management puts more emphasis on long-term issues.
- Forecast market trends over the next five years.
- Ensure that investments in the company’s future with regards to new technology, R&D, market research, etc occurs.
- Engender a culture were new technology is seen as an opportunity to improve rather than a threat.
- Ensure that there are continuous improvements in the quality/performance of the products.
- Ensure that shareholders who invest for the long term, rather than a quick return are attracted.

The fourth component of the strategy profile, core competence is the foundation of a winning strategy. The average for this section is 0.835. This could suggest that there is a positive move towards building a core competence, however work still needs to be done in this area. The company should focus on areas such as:

- Knowing which major competitor needs to be beaten if the company is to succeed.
- Ensuring that we have a well understood plan that sets out how the main competitor will be beaten.
- Top management needs to be experts in the company’s core technology.
- The company needs to be well aware of the latest global trends in the industry.
- BSN needs to actively pursue international collaborations so that the company can keep up with technology in a way it couldn’t achieve on our own.
- Analyse the competitor’s product and establish what competences they have that BSN does not build into its products.

The final component of the strategy profile is the customer focus. Here the focus is on finding out what the customer wants, providing value and quality at reasonable prices, knowing whom the customer is and how to satisfy the customer. It is also
important to know how the customer rates the products in relation to the other competitors in the industry. The average for this section is 0.77. Although this is a low score, the company is making some efforts to focusing on the needs of the customer. This positive score will help maintain the company in the second quadrant, however there is still quite a considerable amount of focussing of strategy that is required. Recommendations for this component are as follows:

- The company needs to invest more time and money in finding out what customers really want.
- BSN needs to determine exactly what the customer means by value and that’s what needs to be delivered.
- Management needs to focus more on ensuring that the customer obtains real value.
- The company needs to capitalise on the quality of its product as the main competitive strength.
- The company needs to meet all its major customers at least once a year to consider how its relationship with them can be improved.
- BSN needs to determine how the customer rates the products in relation to the main competitors in terms of all the important attributes.

5.3 RECOMMENDATIONS ON THE CULTURE PROFILE

The assessment of the culture dimension is achieved by evaluating the company with respect to it being progressive or traditional. In order for BSN Medical to become a world-class competitor, it would need to adopt a progressive culture. As per the strategy dimension, in evaluating the four main components that formed part of the culture dimension, the company would need to consistently score above zero in all components. Again, this is the lower range of the scale, as companies with progressive cultures would score in excess of 1.5 on a scale of −3 to +3.

The first component of the culture dimension that was analysed was empowerment. Focused freedom is what empowers people in an organisation to achieve the organisation’s strategic aims and empowerment is the basis of a progressive culture. The results showed that the average was a low 0.32. This score would maintain the
company in the second quadrant, however the low score would bring the overall culture profile score down. Corrective action in the following areas is required:

- Management needs to regard employees as responsible and treat them with respect.
- Teamwork between management and the work force need to become part of the company culture.
- The company needs to foster a culture of learning and continuous development.
- Management needs to put more effort into communicating with employees so that everyone knows what is going on.
- Management needs to realise the future of the organisation depends on its people, so employees are helped to realise their full potential.

Maintaining high **integrity** is a basic component of an achievement culture. This is the second component of the culture profile. Integrity, or its lack, is manifested whenever a firm or an individual takes part in some interaction with another interdependent entity. This component scored a fairly high average of **1.24**. Some areas of improvement include:

- Ensuring that all employees have an equal opportunity and there is no favouritism.
- The company must always maintain honesty and fairness with its customers and suppliers.
- The company must maintain its stance on ensuring it does not damage the environment.
- The company needs to make a deliberate and positive contribution to the local community.
- The company must ensure that there is a system in place to ensure that ethical performance is reviewed and reported.
The third component of the culture profile is concerned with involvement in leadership. This focuses around the basic organisational management problem of how to engage people's involvement in and commitment to the organisation's strategic intent. The average for this section is a very low −0.78. This suggests that there are serious problems and immediate action is required. Some areas for improvement should be centered around the following:

• Employees are to be given an opportunity to influence decisions that affect them personally.
• Staff development is clearly to be regarded as one of management's main responsibilities.
• Employees should be encouraged to use their own initiative.
• A mechanism should be instituted were employees in offices and on the shop floor can voice their ideas and suggestions for improving the business directly to top management.
• Management to delegate significant decisions as far down the organisation as possible.
• Employees from the lowest levels of the organisation are to be involved in projects where they contribute to major decisions.

Motivation to commitment is the last component that makes up the culture profile. Management's job is to try to ensure that all the people contribute to the organisational aims as fully as is feasible. The average score for this component is −0.66. The extremely low score suggests that this area needs to be looked at as a matter of urgency as immediate action is of importance. Recommendations for this area are:

• Employees' achievements should always be recognised.
• Line managers are to ensure that most employees do work which is self-satisfying.
• Employees are to be given the chance of taking on significant responsibility.
• Management to ensure that employee' efforts are always rewarded.
• Management to ensure that promotions are made on merit, according to skills and effort.
The company’s salaries and wages are to be maintained as good as any in the industry.

Employees are to be made aware of how they are performing whether it’s good or bad.

5.4 OVERALL SUMMARY OF STRATEGY AND CULTURE PROFILES
The average scores obtained for the strategy profile was 0.523, which is only 35% of the recommended score. The average score obtained for the culture profile was 0.03, which is well below the recommended score. The only areas that scored reasonably well were corporate integrity, core competency and customer focus. Empowerment, strategic direction and external communication were barely positive and leadership, motivation, and long term orientation scored as negative. The two sets of average scores are used to position the company on the competitive matrix as described in chapter 4.

5.5 THE IMMEDIATE ACTION PLAN FOR BSN MEDICAL
The following recommendations would form part of the immediate action plan in order to try and close the gap.

1. Team briefings
   - A new communication system should be put into action to ensure everyone in the factory is kept informed of current events.
   - The team briefs should occur at least every month and they should communicate to the employees, information on performance of the company, performance of the factory, what things are happening in the factory and why they are happening.
   - Team briefings should be presented by the relevant departmental manager to everyone in the department, and copies should also be placed on notice boards for later reference.
   - These briefings would help the employees understand what is happening around them, and what is expected of them to make the company a success.
2. Factory performance

Sales of the products have not been good this year. The customers are not buying as much of the products as expected. Together with this, the prices the customers are paying for the products are lower than expected. As a result, the factories are underloaded and the company is not making as much profit as projected.

Some of the things that can be done to address these problems:

In order to focus the strategies and grow, restructuring and changes to management responsibilities are required. Firstly, due to the fact that BSN is in a slow growth, stagnant market, new market opportunities need to be found.

- As a result, a sales director needs to be appointed, who, together with the sales force, will be responsible for seeking new markets in places where the company has not sold products before.

- To control and pull activities together at the factories and to ensure that the factories can deliver, a General manager would now manage the factory and all its activities. The general manager would then be responsible for the following functional areas:

  - Manufacturing - A Manufacturing manager will be responsible for manufacturing throughout Pinetown and Hospitek. His/her main responsibilities are to ensure that production is made efficiently, labour is utilised fully and our customers orders are met.

  - Technical – A Technical Manager will be responsible for technical development, projects and the laboratory. He/she will ensure that new products are brought to the factory, that projects get completed on time, and will assist the factories with technical problems.

  - Regulatory compliance and SHE - A manager will be responsible for regulatory compliance and Safety and Environmental Affairs. He/she will make sure that the products are safe to use, that the quality systems are effective and that the employees and the environment are looked after.
o Commercial – A Commercial manager will be responsible for customer services, purchasing, planning and warehousing. He/she ensures the customers get the products they have ordered, that the factories plan the right products to make and the right raw materials are available to make them with.

o Engineering – An Engineering Manager will be responsible for Engineering Management and Security. His role is to ensure that machinery and equipment is safe to use, operates efficiently and can make the products required with the minimum of breakdowns.

o Continuous Process Improvement - A Manager will be responsible for finding problem areas in the factories where things are going wrong, and to work with people to solve the problems. Waste reduction and Best Operating Practices should be part of CPI team's role.
This chapter served to discuss the results of the study by relating them back to the objectives of the study and finally to discuss the usefulness and appropriateness of the methodology used as outlined in chapter one. The main objective of the study was to analyse the strategic issues relating to world-class performance of the company by means of a case study approach using the gap analysis technique. This was achieved by using the competitive matrix as the evaluation tool, were the two variables of strategy and culture were used to establish the company’s current position. This was established through structured interviews of a cross-section of the employees. Recommendations were then based on these finding and an action plan was suggested. It was highlighted that BSN Medical is on its way to becoming a world-class organisation by adopting a combination of a focussed strategy and a progressive culture. However in order to close the gap, immediate changes would need to be made. These changes will lead to:

- Better communication throughout the company,
- Focused leadership,
- Quicker solutions to problems that arise,
- Improvement in the way the factory runs,
- More focus on completion of projects on time,
- Ensuring that the customers get the right products at the right time and at the right price.
- Achieving cost savings,
- Reduction in waste and improvement in efficiency.

These measures are required to be taken to ensure the factory remains profitable and that company will carry on striving towards being world-class and ensuring its existence into the future.
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http://www.index.co.za/wc
APPENDIX 1
INTERVIEW QUESTIONAIRE

PART ONE: INDUSTRY ASSESSMENT INTERVIEW QUESTIONAIRE

Answer the following questions about the industry in which your business operates by scoring it from 0 to 10 as indicated.

1. From which technological revolution does your industry stem?
   A. the eighteenth century (0)
   B. the 1930’s (5)
   C. the current technological revolution (10)

2. If you answered A or B above, would you say that its focus is mainly on specialist, high quality and relatively high technology parts of the market?
   0 = not at all 1 2 3 4 5 6 7 8 9 10 = completely.

3. How has your industry been affected so far by the new technologies?
   0 = not at all 1 2 3 4 5 6 7 8 9 10 = comprehensively

4. To what extent do you envisage it will be affected over the next 5 years?
   0 = not at all 1 2 3 4 5 6 7 8 9 10 = comprehensively

5. At what stage of technological development (i.e. on its S-curve) is your industry?
   0 = early stage 1 2 3 4 5 6 7 8 9 10 = at its limit.

6. Does the current technology fully satisfy customer requirements?
   0 = completely 1 2 3 4 5 6 7 8 9 10 = not at all

7. Is continuous innovation the norm for participants in your industry?
   0 = not at all 1 2 3 4 5 6 7 8 9 10 = completely.

8. Does your industry have open technological communications?
   0 = not at all 1 2 3 4 5 6 7 8 9 10 = comprehensive

9. Is your industry’s basic technology developing fast?
   0 = extremely slow 1 2 3 4 5 6 7 8 9 10 = very fast

10. Are the leading firms in your industry managed by finance professionals?
    0 = mainly 1 2 3 4 5 6 7 8 9 10 = none
11. Is technological competence more important than cost efficiency?
   0 = definitely not 1 2 3 4 5 6 7 8 9 10 = definitely

12. Does your industry have an active research organisation?
   0 = no 1 2 3 4 5 6 7 8 9 10 = yes, highly active

13. Does knowledge of new technological innovations spread quickly in your industry?
   0 = yes 1 2 3 4 5 6 7 8 9 10 = no

14. Is your industry heavily unionised?
   0 = yes 1 2 3 4 5 6 7 8 9 10 = no

15. Do you believe typical junior managers in your industry frequently work long hours without overtime pay?
   0 = none 1 2 3 4 5 6 7 8 9 10 = many

16. Has your industry seen much structural change as a result of new technology?
   0 = not at all 1 2 3 4 5 6 7 8 9 10 = a great deal

17. Are the leading firms in your industry long established?
   0 = yes 1 2 3 4 5 6 7 8 9 10 = no

18. Do the 'big three' firms in your industry have around 50% or more market share?
   0 = yes 1 2 3 4 5 6 7 8 9 10 = no

19. Is your industry subject to a lot of overseas competition?
   0 = no 1 2 3 4 5 6 7 8 9 10 = yes

20. Is the price the main competitive weapon?
   0 = yes 1 2 3 4 5 6 7 8 9 10 = no
PART TWO : STRATEGY PROFILE INTERVIEW QUESTIONNAIRE

Read the following statements and score each one according to how true you feel it is of your organisation. Use the 7-stage rating scale as indicated for each question.

A) STRATEGIC DIRECTION

21. Strategic aims are stated clearly and simply and communicated to all employees.
   Completely true ++ +1 0 -1 -2 -3 Completely untrue

22. Few people make any contribution to formulating strategy – the chief executive takes all the key decisions.
   Completely true -3 -2 -1 0 +1 +2 +3 Completely untrue

23. The strategic planning system operates to a set timetable
   Completely true ++ +1 0 -1 -2 -3 Completely untrue

24. Most members of the organisation know how their jobs contribute to strategy.
   Completely true ++ +1 0 -1 -2 -3 Completely untrue

25. We have tended to move in several directions at the same time in order to exploit opportunities as they arise.
   Completely true -3 -2 -1 0 +1 +2 +3 Completely untrue

26. The company’s products or services are clearly different from the main competitor’s.
   Completely true ++ +1 0 -1 -2 -3 Completely untrue

27. We have an established position in the market which is recognised by everyone, both inside and outside the organisation.
   Completely true ++ +1 0 -1 -2 -3 Completely untrue

28. We tend to get involved in fire-fighting and this deflects us from pursuing the stated strategy of the business.
   Completely true ++ +1 0 -1 -2 -3 Completely untrue

29. We have a system for monitoring the progress we make in achieving our strategic aims.
   Completely true ++ +1 0 -1 -2 -3 Completely untrue

30. Most decisions, big and small, are made with the intention of helping achieve the stated strategic aims.
   Completely true ++ +1 0 -1 -2 -3 Completely untrue
B) EXTERNAL COMMUNICATIONS

31. The organisation makes special efforts to keep in close touch with customers in addition to normal routine sales contacts.
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

32. Most managers have good working contacts in the industry.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

33. We regularly meet our competitors and exchange real information.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

34. Most members of the organisation know who our three main competitors are.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

35. We work closely with the suppliers of our technology (plant and equipment) and run (or would be keen to run) trials of prototype equipment for them.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

36. We know what the next developments in our technology are going to be.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

37. We know why people may wish to buy products from our competitors.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

38. The organisation maintains regular contacts with technology leaders (e.g. machine manufacturers, research associations, consultants, universities, etc.).
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

39. We have a routine system of regularly updating our information on customers, technology, products and market trends.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

40. We know what the government’s next moves are likely to be in relation to our industry.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue
C) LONG TERM ORIENTATION

41. Top management puts more emphasis on keeping costs within budget than on long-term issues.
Completely true -3 -2 -1 0 +1 +2 +3 Completely untrue

42. We try to make sure we know which way the market is likely to go over the next five years.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

43. The company invests heavily in its future - e.g. in new technology, R&D, market research, etc.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

44. Our long term objectives are mainly financial ones, such as returns on capital employed.
Completely true -3 -2 -1 0 +1 +2 +3 Completely untrue

45. The organisation is invariably working on at least one large scale investment in a major new development.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

46. New technology is seen as an opportunity to improve rather than a threat.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

47. We are continually improving the quality/performance of our product.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

48. The company actively seeks to attract shareholders who invest for the long term, rather than a quick return.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

49. Cutting costs is really the driving force of this business.
Completely true -3 -2 -1 0 +1 +2 +3 Completely untrue

50. A lot of effort is put into protecting ourselves against take-over.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue
D) CORE COMPETENCE

51. We know which major competitor we need to beat if we are to succeed.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

52. We have a well understood plan that sets out how we will beat the main competitor.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

53. Top management is expert in the company’s core technology.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

54. We are well aware of the latest global trends in our industry.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

55. We are actively pursuing international collaborations so that we can keep up with technology in a way we couldn’t achieve on our own.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

56. We (would) licence technology in order to develop the business, not simply to cut costs.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

57. We have analysed our competitors product and know what competences they have that we do not build into our product.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

58. We make little use of publicly funded research programmes.
Completely true -3 -2 -1 0 +1 +2 +3 Completely untrue

59. We know what new technological competences we are trying to develop and how we will make use of them.
Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

60. We have no global ambitions so we do not need to know the latest Japanese technology.
Completely true -3 -2 -1 0 +1 +2 +3 Completely untrue
E) CUSTOMER FOCUS

61. The company invests a lot of time and money in finding out what customers really want.
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

62. We know exactly what the customer means by value and that’s what we try to deliver.
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

63. The company tries to be efficient in order to make more profit rather than to give the customer
   better value.
   Completely true -3 -2 -1 0 +1 +2 +3 Completely untrue

64. Management’s most important responsibility is to ensure we give the customer real value.
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

65. Sales and marketing is more important in this company than production or accounting
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

66. Keeping costs down is more important than increasing market share.
   Completely true -3 -2 -1 0 +1 +2 +3 Completely untrue

67. The company’s main competitive strength is the quality of its product
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

68. The company meets all its major customers at least once a year to consider how its
   relationship with them can be improved.
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

69. Our product has no special attribute that might give the customer a pleasant surprise.
   Completely true -3 -2 -1 0 +1 +2 +3 Completely untrue

70. We know how the customer rates our product in relation to our main competitors in terms of
   all the important attributes.
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue
PART 3: CULTURE PROFILE INTERVIEW QUESTIONNAIRE

Read the following statements and score each one according to how true you feel it is of your organisation. Use the 7-stage rating scale as indicated for each question.

A) EMPOWERMENT

71. Management generally regard employees as responsible and treat them with respect.
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

72. Management and work-force cooperate well and work as a team.
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

73. The company is always prepared to pay for an employee's further training
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

74. Management puts great effort into communicating with employees so that everyone knows what is going on.
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

75. Top management's main task is to keep control over how people do their work.
   Completely true -3 -2 -1 0 +1 +2 +3 Completely untrue

76. If a member of the organisation performed badly on any aspect of their job, they would be genuinely helped to improve their performance.
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

77. Management realise the future of the organisation depends on its people, so employees are helped to realise their full potential.
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

78. Senior people always address employees by their first name and expect to be addressed in the same way in return.
   Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

79. Great importance is attached to seniority and many special privileges are enjoyed by the top people.
   Completely true -3 -2 -1 0 +1 +2 +3 Completely untrue
80. Different departments (e.g. sales and production) communicate closely with each other, not just through department managers.

Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

B) CORPORATE INTEGRITY

81. Everyone has an equal opportunity to get on – there is no favouritism.

Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

82. The company is always honest and fair with its customers and suppliers.

Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

83. The company’s products are the best in their field.

Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

84. The company takes great care to make sure it does not damage the environment.

Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

85. The company makes a deliberate and positive contribution to the local community.

Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

86. The company is a good and fair employer

Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

87. We have a formal arrangement (e.g. a regularly meeting committee, working party, formal report, etc) for the explicit review and reporting of ethical performance.

Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

88. We have a reputation for being the leader in terms of quality.

Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

89. The company would never get involved in any dubious financial dealings.

Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

90. The organisation has an excellent reputation for ethical behaviour and is very careful to ensure that this reputation is upheld at all times.

Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue
C) INVOLVEMENT IN LEADERSHIP

91. Employees have a real opportunity to influence decisions that affect them personally.
   Completely true +3  +2  +1  0  -1  -2  -3  Completely untrue

92. Staff development is clearly regarded as one of management's main responsibilities.
   Completely true +3  +2  +1  0  -1  -2  -3  Completely untrue

93. People are encouraged to use their own initiative.
   Completely true +3  +2  +1  0  -1  -2  -3  Completely untrue

94. People other than just the chief executive are involved in taking important decisions.
   Completely true +3  +2  +1  0  -1  -2  -3  Completely untrue

95. An employee who had made an expensive mistake would be encouraged to try again, rather than being reprimanded.
   Completely true +3  +2  +1  0  -1  -2  -3  Completely untrue

96. People in offices and on the shop floor often voice their ideas and suggestions for improving the business directly to top management.
   Completely true +3  +2  +1  0  -1  -2  -3  Completely untrue

97. Management delegate significant decisions as far down the organisation as possible.
   Completely true +3  +2  +1  0  -1  -2  -3  Completely untrue

98. There is plenty of opportunity to talk informally to senior management, no matter how junior you are.
   Completely true +3  +2  +1  0  -1  -2  -3  Completely untrue

99. As much as half or more of most people’s time is spent working in a special project team rather than on routine departmental work.
   Completely true +3  +2  +1  0  -1  -2  -3  Completely untrue

100. People from the lowest levels of the organisation may be involved in projects where they contribute to major decisions.
     Completely true +3  +2  +1  0  -1  -2  -3  Completely untrue
D) MOTIVATION TO COMMITMENT.

101. Employees’ achievements are always recognised.
     Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

102. Most employees do work which is self satisfying.
     Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

103. Employees are regularly given the chance of taking on significant responsibility.
     Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

104. Management ensures that members’ efforts are always rewarded.
     Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

105. Promotions are made on merit, according to skills and effort.
     Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

106. The company’s salaries and wages are as good as any in the industry/locality.
     Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

107. Employees generally enjoy their work and make good friends among their colleagues.
     Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

108. Employees are made aware of how they are performing whether it’s good or bad.
     Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

109. Management’s main role is helping and supporting others.
     Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue

110. We operate a scheme (e.g. profit sharing, share options, etc.) that allows members to participate in ownership of the organisation
     Completely true +3 +2 +1 0 -1 -2 -3 Completely untrue