

# CAS Medical Systems Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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# **Abstracts**

CAS Medical Systems Inc. Fundamental Company Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between CAS Medical Systems Inc. and its competitors. This provides our Clients with a clear understanding of CAS Medical Systems Inc. position in the <a href="Healthcare Equipment and Supplies">Healthcare Equipment and Supplies</a> Industry.

The report contains detailed information about CAS Medical Systems Inc. that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.

Another part of the report is a SWOT-analysis carried out for CAS Medical Systems Inc.. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.

The CAS Medical Systems Inc. financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios



pertaining to profitability, margin analysis, asset turnover, credit ratios, and company's long-term solvency. This sort of company's information will assist and strengthen your company's decision-making processes.

In the part that describes CAS Medical Systems Inc. competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.

Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of CAS Medical Systems Inc. business.

# **About CAS Medical Systems Inc.**

CAS Medical Systems, Inc., a medical technology company, develops, manufactures, and markets non-invasive patient monitoring products that are vital to patient care.

#### **Products**

The company has various categories of products and services, including Critical Care Monitoring; Blood Pressure Measurement Technology; Bedside Monitoring; and Supplies and Service.

#### Critical Care Monitoring

The Critical Care Monitoring category includes sales of the FORE-SIGHT cerebral oximeter monitors, sensors and accessories. The FORE-SIGHT Cerebral Oximeter measures absolute cerebral tissue oxygen levels, enabling clinicians to identify and quickly react to instances of lowered brain oxygen levels before the situation becomes critical. With one or two single-use disposable sensors placed on the patient's forehead, FORE-SIGHT utilizes the company's LASER-SIGHT Optical Technology to project near infrared light into the brain to provide an absolute measurement indicating cerebral



tissue oxygen saturation. The company's proprietary technology allows the clinician to use the FORE-SIGHT monitor to get absolute cerebral oximetry information at any point during a procedure, as there is no measured or assumed baseline needed. During 2009, the company received 510(k) clearances from the Food and Drug Administration (FDA) to market a medium size FORE-SIGHT sensor and to expand the indications for use of its FORE-SIGHT Small sensor to include the entire neonatal patient population below 8Kg. Additional studies using FORE-SIGHT in cardiac, thoracic, vascular, orthopedic, and other surgeries, as well as in the adult, pediatric and neonatal intensive care setting are underway in the U.S. and Europe.

## Blood Pressure Measurement Technology

The Blood Pressure Measurement Technology category includes sales to original equipment manufacturers (OEM) of the company's proprietary non-invasive blood pressure technology (MAXNIBP) sold as a discrete module to be included in the OEM customers own multi-parameter monitors, and associated blood pressure cuffs and accessories for the OEM market. The company has a multi-year supply agreement with its major OEM customer – Medtronic Physio-Control.

#### **Bedside Monitoring**

The company offers aline of non-invasive vital signs monitoring products for various general care settings in hospitals, such as outpatient medical surgical units, recovery, procedure labs, physician offices and emergency response settings. It manufactures two platforms of vital signs monitors based around its proprietary MAXNIBP non-invasive blood pressure technology and incorporating various combinations of other measurement parameters. In addition to the company's proprietary MAXNIBP technology, measurement options include pulse oximetry, electro-cardiography, temperature, and capnography. CASMED monitors are ideal for a range of clinical settings (both human and veterinary), including emergency medical service, medical/surgical units, out-patient care, and procedural sedation. The company has a blanket agreement with the U.S. Department of Veterans Affairs (VA) for purchase of its vital signs monitors through December 2010. Other products included in the bedside monitoring category are a line of cardio-respiratory monitors used to monitor apnea in home-based and hospital settings and products developed and manufactured by Analogic Corporation, or otherwise supplied through Analogic.

#### Supplies and Service



The company offers a line of disposable and reusable blood pressure cuffs that can be used with any manufacturer's monitoring equipment. The product line includes cuffs and pressure infusors manufactured by Statcorp, Inc. The blood pressure cuffs, including UltraCheck Reusable Cuffs, and SoftCheck Disposable Cuffs, can be used on patients from neonate through adult, as well as on veterinary patients, and complement the company's MAXNIBP blood pressure measurement technology. The company's Unifusor line of infusor cuffs are used to infuse intra-venous fluids into a patient. It has various private-label versions of both the blood pressure and infusor cuffs available for OEM partners.

Also in the supplies and services category are a line of specialty neonatal supplies manufactured in its Branford, CT facility. These single patient use products are designed specifically to meet the needs of neonatal intensive care. The varied product line includes Klear-Trace ECG Electrodes, NeoGuard skin temperature probes, and adhesive reflectors.

#### Customers

The company's major customer is Medtronic, Inc.

#### Sales and Marketing

The company's critical care FORE-SIGHT cerebral oximeters are sold via a direct sales force and key manufacturers' representatives groups within the U.S. and via distribution partners outside the U.S. Outside the United States, the company has four sales consultants located in Europe, the Middle East and the Pacific Rim focused on FORE-SIGHT sales, selling to select markets via distribution partners. It sells its non-invasive blood pressure technology, in the form of sub-assemblies to be assembled into other OEM company's multi-parameter monitors. The company's bedside monitoring products and consumable cuff products are sold within the U.S. via manufacturers' representatives and distributors. International sales are conducted through distributors in the European, African, the Middle Eastern, Pacific Rim, and Latin American regions, and Canada.

#### History

CAS Medical Systems, Inc. was founded in 1984.

The above Company Fundamental Report is a half-ready report and contents are

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subject to change.

It means that we have all necessary data in our database to prepare the report but need **2-3 days** to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.



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# **ANALYSIS FEATURES**

## **SWOT Analysis**

SWOT, which stands for Strengths, Weaknesses, Opportunities and Threats, is an analytical framework that identifies the internal and external factors that are favorable and unfavorable for a company.

#### **Enhanced SWOT Analysis**

Enhanced SWOT is a 3×3 grid that arranges strengths, weaknesses, opportunities and threats into one scheme:

How to use the strengths to take advantage of the opportunities?

How to use the strengths to reduce likelihood and impact of the threats?

How to overcome the weaknesses that obstruct taking advantage of the opportunities?

How to overcome the weaknesses that can make the threats a reality?

Upon answering these questions a company can develop a project plan to improve its business performance.

#### **PESTEL Analysis**

PESTEL (also termed as PESTLE) is an ideal tool to strategically analyze what influence different outside factors – political, economic, sociocultural, technological, environmental and legal – exert on a business to later chart its long term targets.

Being part of the external analysis when carrying out a strategic assessment or performing a market study, PESTEL gives an overview of diverse macro-environmental factors that any company should thoughtfully consider. By perceiving these outside environments, businesses can maximally benefit from the opportunities while minimizing the threats to the organization.



# Key Factors Examined by PESTEL Analysis:

Political – What opportunities and pressures are brought by political bodies and what is the degree of public regulations' impact on the business?

Economic – What economic policies, trends and structures are expected to affect the organization, what is this influence's degree?

Sociological – What cultural and societal aspects will work upon the demand for the business's products and operations?

Technological – What impact do the technological aspects, innovations, incentives and barriers have on the organization?

Environmental – What environmental and ecological facets, both locally and farther afield, are likely to predetermine the business?

Legal – What laws and legislation will exert influence on the style the business is carried out?

## IFE, EFE, IE Matrices

The Internal Factor Evaluation matrix (IFE matrix) is a strategic management tool helping audit or evaluate major weaknesses and strengths in a business's functional areas. In addition, IFE matrix serves as a basis for identifying and assessing relationships amongst those areas. The IFE matrix is utilised in strategy formulation.

The External Factor Evaluation matrix (EFE matrix) is a tool of strategic management that is typically utilised to assess current market conditions. It is an ideal instrument for visualising and prioritising the threats and opportunities a firm is facing.

The essential difference between the above mentioned matrices lies in the type of factors incorporated in the model; whilst the latter is engaged in internal factors, the former deals exceptionally with external factors – those exposed to social, political, economic, legal, etc. external forces.

Being a continuation of the EFE matrix and IFE matrix models, the Internal External matrix (IE matrix) rests upon an investigation of external and internal business factors



integrated into one suggestive model.

# **Porter Five Forces Analysis**

The Porter's five forces analysis studies the industry of operation and helps the company find new sources of competitive advantage. The analysis surveys an industry through five major questions:

What composes a threat of substitute products and services?

Is there a threat of new competitors entering the market?

What is the intensity of competitive rivalry?

How big is the bargaining power of buyers?

How significant is the bargaining power of suppliers?

# **VRIO Analysis**

VRIO stands for Value, Rarity, Imitability, Organization. This analysis helps to evaluate all company's resources and capabilities and bring them together into one aggregate table that includes:

Tangible resources

Financial

Physical

Technological

Organizational

Intangible resources

Human

Innovation and Creativity



# Reputation

# Organizational capabilities

The result of the analysis gives a clear picture of company's competitive and economic implications, answering the questions if the resources mentioned above are:

Valuable?
Rare?
Costly to imitate?
Organized properly?



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