

# Computerized Thermal Imaging Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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## Abstracts

Computerized Thermal Imaging 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 Computerized Thermal Imaging Inc. and its competitors. This provides our Clients with a clear understanding of Computerized Thermal Imaging Inc. position in the Industry.

The report contains detailed information about Computerized Thermal Imaging 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 Computerized Thermal Imaging 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 Computerized Thermal Imaging 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 Computerized Thermal Imaging 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 Computerized Thermal Imaging Inc. business.

### **About Computerized Thermal Imaging Inc.**

Computerized Thermal Imaging, Inc. (CTI) engages in the development, manufacture, and marketing of thermal imaging systems for applications in healthcare and industrial markets.

The company developed, manufactured, and marketed principal products, including: pain management--thermal image processors, pain management--photonic stimulator, breast imaging, and turbine blade inspection system. The company manufactured its products internally at its Ogden, Utah facility.

The company's thermal image processor measures body heat, which is used to develop a physiological profile of a patient to assist in the diagnosis and treatment of physiological and circulatory abnormalities, principally pain and soft-tissue related injuries. Photonic Stimulator emits infrared light that penetrates the skin.

The company seeks pre-market approval from the U.S. Food and Drug Administration (the FDA) of its breast imaging system, called the BCS 2100. FDA declined to grant pre-market approval for the BCS 2100 and recommended additional data analysis, clinical

trials and other steps. The company has a Medical Device License from Health Canada to market the BCS 2100 in Canada.

The company's Turbine Blade Inspection System (TBIS) is a tool designed to meet industrial requirements for non-destructive testing and examination of turbine blades used in aircraft and power generation, and other industrial components, composite materials and metals.

### Subsidiaries

The company operates a wholly owned subsidiary - Bales Scientific, Inc. (Bales). The company owns 100% of the Bales, a company that designs, manufactures, and sells resolution, dynamic, digital infrared-imaging workstations and related products for both medical and industrial applications.

### PRODUCTS AND SERVICES

The company have developed six significant proprietary technologies, four of which relate to the BCS 2100: a climate-controlled examination unit to provide patient comfort and facilitate reproducible tests for the BCS 2100; an imaging protocol designed to produce results for the BCS 2100; a statistical model that detects physiological irregularities for the BCS 2100; infrared imaging and analysis hardware, including its proprietary heat-sensing camera, which is used in the BCS 2100 and the pain management and industrial systems (collectively 'Thermal Imaging Process'); a system to treat pain and other symptoms of diseases that restrict blood flow, which is used in the Photonic Stimulator; and the TBIS.

### Medical Products - Pain Management

The company has historically marketed two devices used for diagnostic imaging and therapeutic treatment, the thermal image processor (TIP) and the Photonic Stimulator. The company's TIP measures body heat naturally radiated by the patient. The heat-measuring capabilities of the TIP are generally used to develop a physiological profile of a patient to assist in the diagnosis and treatment of physiological and circulatory abnormalities, principally pain and soft-tissue related injuries. The TIP would also have application as a pre-screening device to identify persons with skin temperature at international ports of entry and other public facilities. The company's Photonic Stimulator emits infrared light that penetrates the skin in an effort to promote blood flow and circulation to provide temporary relief of minor aches and pains where heat is

indicated. The company's pain management products, the TIP and Photonic Stimulator, are classified for FDA purposes as Class II devices.

#### Medical Products - BCS 2100

The company's BCS 2100 provides a non-invasive, painless method to collect information that would supplement the information provided by mammograms for the evaluation of suspicious breast lesions. The BCS 2100 captures 103 dynamic images of each breast and analyzes approximately 8.3 million temperature values per breast to measure minute changes in physiological and metabolic activity. The BCS 2100 is classified for FDA purposes as a Class III medical device.

#### Industrial - Non-Destructive Testing Products

Bales Scientific, Inc. (Bales Scientific), the company's wholly owned subsidiary, provided industrial test services an

The above Company Fundamental Report is a half-ready report and contents are 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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1 – Data availability depends on company's security policy.

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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 3x3 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?

## I would like to order

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