

BIO-key International Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

BIO-key International 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 BIO-key International Inc. and its competitors. This provides our Clients with a clear understanding of BIO-key International Inc. position in the [Computers and Electronic Equipment](#) Industry.

The report contains detailed information about BIO-key International 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 BIO-key International 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 BIO-key International 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 BIO-key International 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 BIO-key International Inc. business.

About BIO-key International Inc.

BIO-key International, Inc. engages in the development and marketing of fingerprint identification biometric technology and software solutions. The company also delivers identification solutions and information services to law enforcement departments, public safety agencies, and other government and private sector customers. Its mobile wireless technology provides first responders with data and images from local, state and national databases.

Products

The company's proprietary biometric technology extracts data from a fingerprint and uses it to identify an individual. Its core technology supports interoperability on approximately 40 different commercially available readers.

The company's fingerprint identification technology has a range of information security and access control applications, including securing Internet sites and electronic transactions; securing access to logical networks and applications; securing access to buildings and restricted areas; providing member identification services; securing mobile devices, such as biometric enabled handhelds and PDA's; and preventing identity theft

through positive user identification and false alias validation.

Vector Segment Technology SDK (VST): VST is a biometric development kit. VST is available as a low level SDK for incorporation into any application architecture to improve. VST runs on Windows, Linux or Solaris systems.

True User Identification: The company's biometric identification solution enables customers to perform false alias checks and manage fraudulent access to systems. True User Identification uses commercially available databases, like Oracle, to scale the identification capabilities to millions of users. The solution also runs on commercially available hardware.

WEB-key: The company's biometric security platform for managing fingerprint authentication across unprotected networks like the Internet. It extends various features and functionalities of the VST algorithm to customers looking to add an improved level of security to their thin client and client/server applications. WEB-key is supported by both Windows and Linux operating systems.

Biometric Service Provider: The company provides support for the BioAPI (a standards based solution meeting worldwide needs) for a compliant interface to applications using biometrics for verification and identification. It improves the traditional use of the BioAPI by adding support for CE devices, supporting identification calls and also providing a single user interface for multiple fingerprint readers.

ID Director: The company's solution for single sign on integration with Computer Associates SiteMinder, Oracle's Fusion Middleware SSO, and other solutions, utilizing the power and security of WEB-key. This solution provides a custom authentication scheme for companies looking to improve authentication.

Strategic Alliances

The company has strategic alliances with Oracle, Computer Associates, IBM, and AT&T.

Dispositions

In 2009, the company sold its Law Enforcement division.

History

BIO-key International, Inc. was founded in 1993.

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.

2 – These sections are available only when you purchase a report with appropriate additional types of analyses.
The complete financial data is available for publicly traded companies.

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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?

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