

GSE Systems Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

GSE 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 GSE Systems Inc. and its competitors. This provides our Clients with a clear understanding of GSE Systems Inc. position in the [Software and Technology Services](#) Industry.

The report contains detailed information about GSE 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 GSE 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 GSE 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 GSE 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 GSE Systems Inc. business.

About GSE Systems Inc.

GSE Systems, Inc. provides simulation and educational solutions and services to the nuclear and fossil electric utility industry, and chemical and petrochemical industries in the United States. The company also provides plant monitoring, and signal analysis monitoring, and optimization software primarily to the power industry.

Simulation Business

NUCLEAR AND FOSSIL FUEL POWER SIMULATION

The company's power simulation business engages in the development, marketing, and support of real-time, dynamic simulation software for the electric utility industry. It has built or modified approximately 65 full-scope simulators serving approximately 103 operating nuclear power plants in the United States. Outside the United States, it has built or modified approximately 73 full-scope simulators serving approximately 329 operating nuclear power plants.

The company has developed integrated training solutions which combine the simulation technology with training content to provide turn-key training for the power and process industries. In addition to operator training, the company's simulation products and

services permit plant owners and operators to simulate the effects of changes in plant configuration and performance conditions. It has also developed a suite of tools based on signal analysis and simulation techniques to help its customers manage their assets by determining equipment degradation before it severely impacts plant performance. The company also has focused on upgrading older technology used in power plants to new technology upgrades for plant process computers and safety parameter display systems.

The company provides both turn-key solutions, including simulated hardware and proprietary software, to match a specific plant, and discrete simulation technology for specific uses throughout a plant. Its real-time simulation technology for power plant fluid, logic and control, electrical systems and associated real-time support software, JADE, is available for use primarily on UNIX, Linux, and Windows computer platforms. In addition to the simulator market, the company offers products targeted at improving performance of existing plants by limiting the number of unplanned outages due to equipment failure.

Products of the Power Simulation Business

Java Applications & Development Environment (JADE): JADE is a Java-based application that provides a window into the simulation instructor station and use the Web capabilities of Java, allowing customers to access the simulator and run simulation scenarios from anywhere they have access to the Web. JADE includes the following software modeling tools: JFlow, a modeling tool that generates dynamic models for flow and pressure networks; JControl, a modeling tool that generates control logic models from logic diagrams; JLogic, a modeling tool that generates control logic models from schematic diagrams; JElectric, a modeling tool that generates electric system models from schematic and one-line diagrams; JTopmeret, a modeling tool that generates two phase network dynamic models; JDesigner, a JADE based intuitive graphic editor for JADE tools; and JStation, a JADE based Web-enabled Instructor Station.

Xtreme Tools: Xtreme Tools is a suite of software modeling tools developed under the Microsoft Windows environment. It includes Xtreme Flow, a modeling tool that generates dynamic models for flow and pressure networks; Xtreme Control, a modeling tool that generates control logic models from logic diagrams; Xtreme Logic, a modeling tool that generates control logic models from schematic diagrams; and Xtreme Electric, a modeling tool that generates electric system models from schematic and one-line diagrams.

RELAP5 R/T HD: RELAP5 R/T HD is a real-time version of the safety analysis code RELAP5 developed by the Idaho National Laboratory. The company's HD (High Definition) version of RELAP5 R/T enables the engineers to understand and control the internal functions of RELAP5.

SimExec and OpenSim: SimExec and OpenSim are real-time simulation executive systems that control real-time simulation activities and allow for an off-line software development environment in parallel.

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?

I would like to order

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