

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

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Abstracts

National Technical 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 National Technical Systems Inc. and its competitors. This provides our Clients with a clear understanding of National Technical Systems Inc. position in the Commercial Services and Supplies Industry.

The report contains detailed information about National Technical 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 National Technical 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 National Technical 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 National Technical 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 National Technical Systems Inc. business.

About National Technical Systems Inc.

National Technical Systems, Inc. provides engineering and compliance testing services to the defense, aerospace, telecommunications, automotive, energy, consumer products, and industrial products markets. The company also provides full life-cycle product integrity support, offering engineering, compliance, certification, quality registration, and program management.

The company provides trained technical personnel for product evaluation, safety testing, certification, and supply chain management to enable customers to sell their products in world markets. In addition, it performs management registration and certification services to ISO related standards.

Markets

Defense

The company plays an active role in various U.S. defense related programs, performing various defense technology research, development, test, and evaluation (RDT&E) services for the Department of Defense (DOD), military, government, and commercial



industry. These services evaluate the weapons, ordnance, munitions, avionics, electronics, hydraulic and pneumatic controls, engines and communication systems that make up the elements of today's modern battlefield. The testing platforms include fixed wing aircraft, helicopters, submarines, aircraft carriers and other naval ships, tanks and other tracked vehicles, trucks and road vehicles, command, control and communication systems and missiles and weapons systems. Testing includes associated system and component level tests of structures, hardware, electronics, personal protective equipment, armor, weapons, and ammunition.

The company has facilities that are specially constructed to store, handle, and test ordnance, munitions, and hazardous materials. Routine testing includes live fire, function, environmental, dynamics, safety, MIL-STD-901 shipboard shock, insensitive munitions (IM), hazard classification, transportation, and packaging safety. These tests are done for prototype, developmental, qualification and production/lot acceptance testing (LAT). Multiple NTS facilities around the country provide 200 v/m up to 40 GHz EMI/EMC testing of electronic and communications equipment. Custom designed NTS data acquisition systems are capable of collecting data at speeds of 2,000,000 data points per second and digital photography capability of approximately 160,000 color photos per second.

The company's defense group focuses on expanding to include energetic and prototype engineering services, including 2D and 3D CAD modeling; technical data package (TDP) development and modification; finite element analysis (FEA), projectile design and analysis; interior and exterior ballistics analysis, and design and development of custom test hardware and fixturing. Other services include support of, and procurement and delivery of precision metal parts and explosive loading of prototype hardware. Additional defense services include design, development, fabrication, and fielding of specialized high speed instrumentation and diagnostics for energetics and hazardous materials and ordnance testing. This includes custom sensor suite design, fabrication, and deployment, often through specialized test facility design.

Aerospace

The company offers integrated life cycle product services to the aerospace market. These services include engineering, testing, and supply chain management. From concept development and design, through detail design, certification, production, and inservice life, the company provides support throughout the full life cycle of the aerospace product.



The company's testing services include a range of capabilities for structures and airborne equipment. For structures, it has testing capability in large component static and fatigue, full scale airframe static and fatigue, sonic fatigue, vibration, modal, ground vibration, high pressure/high flow air, and fluid compatibility. Airborne equipment testing spans a range of RTCA DO-160 requirements, including static and dynamic, electromagnetic effects (EME, EMI, EMC), electrostatic discharge (ESD), environmental, material and system compatibility, high intensity radiated field (HIRF), indirect lightning effects, and highly accelerated life test

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 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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