

National Instruments Corporation Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

<https://marketpublishers.com/r/N8E33CC5FA0BEN.html>

Date: May 2025

Pages: 50

Price: US\$ 499.00 (Single User License)

ID: N8E33CC5FA0BEN

Abstracts

National Instruments Corporation 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 Instruments Corporation and its competitors. This provides our Clients with a clear understanding of National Instruments Corporation position in the [Computers and Electronic Equipment](#) Industry.

The report contains detailed information about National Instruments Corporation 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 Instruments Corporation. 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 Instruments Corporation 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 Instruments Corporation 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 Instruments Corporation business.

About National Instruments Corporation

National Instruments Corporation supplies measurement and automation products that engineers and scientists use in various industries.

Products, Technology and Services

The company offers a line of measurement and automation products that empower engineers and scientists to create automated test, industrial control, and embedded design applications. Its products consist of software and modular hardware components together with related driver software.

Application Software

The company offers measurement and automation application software for virtual instrumentation. Its application software products include LabVIEW, LabVIEW Real-Time, LabVIEW FPGA, Measurement Studio, LabWindows/CVI, DIAdem, NI TestStand, NI VeriStand, and Multisim. The company's application software products are integrated with its hardware/driver software.

The company offers various software products for developing test, control, and design applications to meet its customer's programming and computer preferences. LabVIEW, LabWindows/CVI, and Measurement Studio are programming environments where users can design, prototype, and deploy systems. With these software products, users can design custom virtual instruments by creating a graphical user interface (GUI) on the computer screen through which they operate the actual program and control selected hardware. Users can customize front panels with knobs, buttons, dials, and graphs to emulate control panels of instruments or add custom graphics to visually represent the control and operation of processes. LabVIEW, LabWindows/CVI and Measurement Studio also have ready-to-use libraries for controlling various programmable instruments, including its hardware products, as well as traditional serial, General Purpose Interface Bus (GPIB), VME extensions for instrumentation (VXI), PCI, PCI Express, PCI Extensions for Instrumentation (PXI), PXI Express, Ethernet, and USB measurement and automation devices from other vendors.

The principal difference between LabVIEW, LabWindows/CVI, and Measurement Studio is in the way users develop programs. With LabVIEW, users program graphically, developing application programs by connecting icons to create 'block diagrams' which are natural design notations for scientists and engineers. With LabVIEW Real-Time, the user can configure their application program to execute using a real-time operating system kernel instead of the Windows operating system, so users can build virtual instrument solutions for mission-critical applications. In addition, with LabVIEW Real-Time, users can configure their programs to execute remotely on embedded processors inside PXI systems, on embedded processors inside CompactRIO distributed I/O systems, or on processors embedded on plug-in PC data acquisition boards. With LabVIEW FPGA, the user can configure their application to execute directly in silicon via a Field Programmable Gate Array (FPGA) residing on a reconfigurable I/O hardware product. LabVIEW FPGA allows users to build their own highly specialized, custom hardware devices for proprietary measurement or control protocols. LabWindows/CVI users use the conventional, text-based programming language of C for creating test and control applications. Measurement Studio consists of measurement and automation add-on libraries and additional tools for programmers that use Microsoft's Visual Basic, Visual C++, Visual C#, and Visual Studio.NET development environments.

The company offers a software product called NI TestStand targeted for test and measurement (T&M) applications in a manufacturing environment. TestStand is a test management environment for organizing, controlling, and running automated prototype, validation, and manufacturing test systems. It also generates customized test reports and integrates product and test data across the customers' enterprise and across the

Internet. TestStand manages tests that are written in LabVIEW, LabWindows/CVI, Measurement Studio, C and C++, and Visual Basic, so test engineers can share and re-use test code throughout their organization and from one product to the next. NI Multisim equips engineers, educators, and students with circuit

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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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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