

Research Frontiers Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

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

The report contains detailed information about Research Frontiers 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 Research Frontiers 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 Research Frontiers 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 Research Frontiers 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 Research Frontiers Inc. business.

About Research Frontiers Inc.

Research Frontiers Incorporated engages in the development and licensing of suspended particle device (SPD-Smart) light-control technology. The company licenses its SPD-smart light-control technology to other companies, which manufactures and markets the SPD-smart chemical emulsion, light-control film made from chemical emulsion, lamination services, electronics to power end-products incorporating the film; or the end-products, such as smart windows, skylights, and sunroofs.

The company has 37 companies that are licensed to serve 4 SPD-Smart application areas, including aerospace, architectural, automotive, and marine products. SPD-Smart products use microscopic light-absorbing particles that are typically suspended in a film. These particles align when an electrical voltage is applied, thus permitting light to pass through the film. Adjustment of the voltage to the SPD film gives users the ability to instantly, precisely, and consistently regulate the amount of light, glare, and heat passing through the window, skylight, sunroof, window shade, or other SPD-Smart end-product.

SPD light-control technology may have commercial applicability in various types of products and industries where variable light transmission is desired, such as smart windows, skylights, partitions, doors, and sunshades for the architectural, aircraft,

marine, automotive, and appliance industries; variable light transmission sunglasses, goggles, visors, and other eyewear; variable light transmission automotive sunroofs, sunvisors, and rear-view mirrors; and flat panel information displays for use in billboards, scoreboards, point-of-purchase advertising displays, traffic signs, computers, telephones, PDAs, and other electronic instruments.

SPD-Smart Aircraft Products

The company's licensee, InspecTech Aero Service Inc., penetrates the original equipment manufacturer (OEM) and retrofit markets for SPD-Smart window shades. InspecTech's SPD-Smart window shades have also been installed in selected areas on all A380 aircraft. In addition to its SPD-Smart window shades, InspecTech Aero Service unveiled its Smart Cabin Automated Dimming System (SCADS) for these window shades. With this new complementary system, in addition to the light, heat and glare control SPD-Smart window shades bring to cabin windows, the product has integrated intelligence into airframe systems and adds the capability to interface the SPD-Smart window shades with other cabin systems, such as cabin management systems and in-flight entertainment systems, providing unprecedented smart automation of cabin light-management.

InspecTech Aero Service markets and offers its SPD-Smart window shades through various programs, including working directly with aircraft OEMs, advertising campaigns, targeted direct marketing campaigns, and trade show exhibitions.

In January 2010, the company expanded its presence in the aircraft industry by licensing Vision Systems of France to make and sell in Europe SPD-Smart products for aircraft. The Vision Systems license also covers the manufacture and sale of SPD-Smart products for trains, recreational vehicles, busses, trucks, mobile cranes, and construction vehicles.

SPD-Smart Automotive Products

The company and its licensees are working with multiple automotive manufacturers to introduce SPD-Smart windows, sunroofs, and roof systems on both concept and production vehicles. The automotive glass business of Pittsburgh Glass Works, LLC is licensed to make SPD-Smart automotive glass products, including windows, sunroofs, and roof glass systems. Pittsburgh Glass Works (PGW) is an automotive glass producer in North America.

SPD-Smart Architectural Products

SPD-Smart windows, skylights, and partitions offer various benefits in architectural applications. In 2009, the company's licensee Innovative Glass Corp. announced the completion of the SPD-Smart glass project at Indiana University using next-generation SPD-Smart light control film. The project used approximately 800 square feet of SPD-Smart glass in 59 interior and 9 exterior smart glass panels.

SPD Control Systems Corporation, a licensee of the company has developed and is selling for the automotive market its 8-window Tintmaker controller. This controller, which was specifically designed for SPD-Smart windows and initially designed for the automotive market, is also being adapted for use in the architectural, marine, and aerospace industries.

In February 2010, ID Research Pty Ltd (IDR) (the parent company of iGlass Pty Limited) acquired a license from the company granting it the right to manufacture and sell SPD-Smart architectural end-products in Australia, New Zealand, and South Africa. The license also grants ID Research Pty Ltd the worldwide right to manufacture and sell SPD emulsion and film to end-product licensees of the company.

History

Research Frontiers Incorporated was founded in 1965.

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.
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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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