

# **Soligen Technologies, Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis**

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## **Abstracts**

Soligen Technologies, 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 Soligen Technologies, Inc. and its competitors. This provides our Clients with a clear understanding of Soligen Technologies, Inc. position in the Industry.

The report contains detailed information about Soligen Technologies, 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 Soligen Technologies, 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 Soligen Technologies, 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 Soligen Technologies, 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 Soligen Technologies, Inc. business.

### **About Soligen Technologies, Inc.**

Soligen Technologies, Inc. is a Wyoming corporation that was organized in 1993. The Company's wholly owned subsidiary, Soligen, Inc (Soligen), is a Delaware corporation organized in 1991 and commenced operations in 1992.

Massachusetts Institute of Technology (M.I.T) located in Cambridge, Massachusetts, granted the Company an exclusive, world-wide license until October 1, 2006 to develop, manufacture, market and sell products utilizing certain patented technology and processes for the production of ceramic casting molds for casting metal parts.

Based upon the M.I.T patent, the Company developed a proprietary technology known as Direct Shell Production Casting (DSPC®), a process that is distinguished from rapid prototype systems that are characterized by the ability to rapidly produce non functional three dimensional representations of parts from Computer Aided Design (CAD) files. The DSPC technology is dedicated to metal casting; this technology enables the Company to produce functional cast metal parts thereby providing a substantial competitive advantage over existing producers by eliminating the need of time and labor spent on patterns and core boxes.

The Company's first rapid response production facility consists of its aluminum foundry

and machine shop located in Santa Ana, California and a DSPC production center located at the Company's headquarters in Northridge, California.

### Core Technology

DSPC is based on Three Dimensional Printing (3DP™), a technology invented at M.I.T. 3DP automatically generates solid objects directly from CAD files by selectively bonding together particles of powdered material with a liquid binder.

### Direct Shell Production Casting System

Soligen's Direct Shell Production Casting system is a computer-controlled system that generates ceramic casting molds. The geometry of the ceramic casting mold is generated from the CAD file of the part.

### Markets

The Company has focused on five market segments:

The primary and aftermarket automotive markets focus on engine cylinder heads and blocks, manifolds and other cast metal parts with complex core cavities or geometries. The Company has established repeat business with Ford Motor Company, General Motors Corporation and DaimlerChrysler Corporation as well as a growing number of their Tier 1 and Tier 2 suppliers such as Delphi Automotive Systems and Visteon Automotive Systems.

Other ground transportation equipment markets including construction equipment, heavy duty trucks and motorcycles. The Company has established repeat business with Cummins Engine Company, Inc., Caterpillar, Inc. and Tier 1 suppliers such as Delphi Automotive Systems.

The aerospace industry designs and produces many castings with complex geometries and core cavities. The Company has established repeat business with The Boeing Company and established new business with companies such as Pratt & Whitney division of United Technologies Corporation and Argo-Tech Corporation.

Specialty automotive applications and motorsports racing markets have requirements for complex metal castings in both prototypes and short production runs. The Company has established repeat business and new customers involved in NASCAR racing,

motorcycle racing, and the National Hot Rod Association (NHRA) drag racing.

## Customers

The Company's customers include Ford Motor Company, General Motors Corporation, Visteon Automotive Systems, Delphi Automotive Systems, DaimlerChrysler Corporation, Honda R&D Americas, Inc., Cummins Engine Company and Caterpillar, Inc.

## History

Soligen Technologies, Inc. was founded in 1988.

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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## 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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