

# Soapstone Networks Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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# **Abstracts**

Soapstone Networks 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 Soapstone Networks Inc. and its competitors. This provides our Clients with a clear understanding of Soapstone Networks Inc. position in the Industry.

The report contains detailed information about Soapstone Networks 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 Soapstone Networks 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 Soapstone Networks 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 Soapstone Networks 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 Soapstone Networks Inc. business.

#### **About Soapstone Networks Inc.**

Soapstone Networks Inc. develops resource and service control software. The company's operations are focused on developing and marketing its Soapstone Provider Network Controller (PNC) framework. The Soapstone PNC framework is designed to help service providers and enterprises connect their physical networking infrastructure to Next Generation Network (NGN) software frameworks, and deploy services across their networks, by providing a multi-vendor, software-based service control plane.

Soapstone Networks is in the process of developing resource and service control software that is designed to automate the service lifecycle for carriers and large enterprises. The Soapstone solution is intended to accelerate service deployment and management by providing provisioning, monitoring and repair, network operations support, network fault to service correlation, Service Level Agreement (SLA) monitoring, performance, optimization, and planning software.

#### **Products**

In 2008, the company made its multi-vendor dynamic control plane product commercially available to the PBT market. Additional products and related features, functions and supported platforms and technologies for the PNC are in the research and



development stage.

The Soapstone Networks PNC framework is designed to automate the service lifecycle by providing provisioning, monitoring and repair, operations support, network fault to service correlation, performance, optimization, and planning software to carrier and enterprise customers. The Soapstone PNC bridges the gap between the centralized transaction model for services and the completely decentralized model that exists for transport by delivering centralized control and end-to-end coordination.

The first modules of the Soapstone PNC which were commercially available in the third quarter of 2008 include the service provisioning, monitoring and repair, and bridge-and-roll functionality for Carrier Ethernet.

#### Service Provisioning

The PNC performs complex path computations involving various constraints and equipment limitations and other constraints dictated by network policy rules. The PNC uses a combination of algorithmic, heuristic, and rule-based approaches to route each flow subject to the service constraints and limitations of the network equipment.

#### Service Monitoring and Repair

After a network event, such as the failure of a link, node or fiber, the network equipment responds in less than 50msec to provide service protection. After sub-50msec fail-over on the switch hardware through path protection capabilities, the PNC, which has a database of the network topology, determines which service(s) was affected by the outage and recreates both a primary and secondary path to restore the service and ensure that it remains protected.

Network Maintenance/Operations (Bridge-and-Roll)

The PNC provides network operations support by making it possible for customers to introduce new hardware or services into a network or perform routine maintenance in an automated fashion. This capability enables customers to request the removal of nodes from active service without disruption to services.

#### Service Level Agreement Monitoring

The PNC would allow each service to be monitored against the SLA requirement for the



service. Should the service violate the SLA, the PNC would raise an alarm to the services layer.

Network Fault to Service Correlation

The PNC is positioned, through its monitoring of the network topology and over-laid services, to identify a network failure, determine which service(s) are affected by the outage and raise an alarm to notify the provider of the event affecting the service(s).

**Network Planning** 

The PNC can monitor and correlate traffic at physical, transport and service levels to enable network planning. The PNC has the capability to plan for service activation by reserving bandwidth in advance of the service usage, thus guaranteeing service availability in the future.

Northbound Interface

The PNC presents an SOA-based northbound interface to software such as an OSS or external planning tools. The PNC would support multiple, simultaneous operating northbound interfaces allowing for external software agents to control the PNC and establish services, query states and monitor alarms. The PNC would support various northbound interface types including MTOSI and other OSS/BSS interfaces.

Customers

The company would market its Soapstone products to service providers and large enterprises.

Competition

The company's primary competitors include integrated data and control plane solutions from companies such as Cisco Systems and Juniper Networks.

History

Soapstone Networks Inc. was founded in 1996.

The above Company Fundamental Report is a half-ready report and contents are

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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 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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