

# Electro-Sensors Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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## Abstracts

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

The report contains detailed information about Electro-Sensors 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 Electro-Sensors 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 Electro-Sensors 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 Electro-Sensors 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 Electro-Sensors Inc. business.

### **About Electro-Sensors Inc.**

Electro-Sensors, Inc. engages in the manufacture and distribution of industrial production monitoring and process control systems; and the development and distribution of PC-based software for automated survey processing and hand printed character recognition.

#### Segments

The company operates primarily through two segments, Production Monitoring and AutoData Systems.

#### Production Monitoring Division

The Production Monitoring Division manufactures and sells different types of monitoring systems that measure actual machine production and operation rates, as well as systems that regulate the speed of related machines in production processes.

**Speed Monitoring Systems:** The company's original products, speed monitoring systems, compare machine revolutions per minute or speed against acceptable rates as determined by the customer. The systems include a signal-generating pulser disc or

wrap that attaches to a rotating shaft, the sensing device, and a control unit. The speed monitoring systems include a line of digital products that translate sensor impulses from its production monitoring systems into digital readouts indicating production counts or rates, such as parts, gallons, or board feet. The speed monitoring systems also include alarm systems, tachometers, and other devices that translate impulses from the sensors into alarm signals, computer inputs, or digital displays that are usable by the customer.

The company's speed monitoring systems product line also includes three production monitoring devices that do not operate by measuring shaft speeds. These devices are the tilt switch, vibration monitor, and slide gate position monitor. A tilt switch is designed to alert the operator when a storage bin or production system reaches a certain capacity (when grain fills a silo). A vibration monitor would alert an operator when the vibration of a machine in a production system exceeds or is below a specified level. The slide gate position monitor is used in plant operations to provide feedback of the position of a slide gate. As part of its Electro-Sentry Hazard Monitoring system, the company also has temperature sensors that are used to monitor bearing temperature and belt misalignment.

**Drive Control Systems:** The company also offers products that regulate and synchronize machine speeds. Drive Control System products monitor machine operation levels and regulate the speed of motors on related machines in a production sequence to ensure that the performances of various operations are coordinated. The product line consists of a line of digital control products for motors that require a closed loop PID (Proportional Integral Derivative) control. The closed loop controllers coordinate production speed among process motors and reduce waste.

The company has a sales agreement with Motrona GmbH (the West German manufacturer of a Synchronous Drive Controller (SDC) product line), giving the company rights to distribute in the United States the drive control products manufactured by Motrona GmbH. The SDC product line manufactured by Motrona GmbH coordinates motors in a production machine with other parts of the machine process. The SDC products were designed as a precision speed reference for use with variable speed drives and to enable manufacturers to match speed/velocity and phase/position of independently driven machines so they operate together. Applications include synchronizing overhead and floor conveyors and load sharing of multiple motors.

The company offers an Electro-Sentry Hazard Monitoring System, which integrates its sensors for bearing temperature, belt misalignment, and shaft speed with a

programmable logic controller and touch screen interface to create a system for hazard monitoring.

### AutoData Systems Division

The AutoData Systems Division designs and markets desktop software based systems that read handprinted characters, checkmarks, and bar code information from scanned or faxed forms, in addition to collecting and reporting data from Web forms. AutoData products are designed to provide capabilities to automate data collection.

The company has developed two Microsoft Windows-based software p

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?

## I would like to order

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