

eMagin Corp. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

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

The report contains detailed information about eMagin Corp. 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 eMagin Corp.. 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 eMagin Corp. 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 eMagin Corp. 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 eMagin Corp. business.

About eMagin Corp.

eMagin Corporation engages in the design, development, manufacture, and marketing of OLED technology (organic light emitting diode) on silicon microdisplays, virtual imaging products which utilize OLED microdisplays, and related products. It also performs research in the OLED field. The company's products enable its original equipment manufacturer (OEM) customers to develop and market new electronic products.

Products

The company's commercial microdisplay products are based on its SVGA series OLED microdisplays. It also introduced engineering samples of its SXGA OLED microdisplays. The company is in the process of completing development of the SVGA 3DS (SVGA 3D shrink, a smaller format SVGA display with a new cell architecture with embedded features). It also introduced its OLED-XL technology. The company offers its products to OEMs and other buyers as both separate components, integrated bundles coupled with its own optics, or full systems. It also offers engineering support to enable customers to integrate its products into their own product development programs and offer design of customized displays with resolutions or features to meet special customer requirements.

SVGA+ OLED Microdisplay Series (Super Video Graphics Array of 800x600 plus 52

added columns of data): The company's 0.62 inch diagonal SVGA+ OLED microdisplays have a resolution of 852x600 triad pixels (1.53 million picture elements). The display also has an internal NTSC monochrome video decoder for low power night vision systems.

SVGA-3D OLED Microdisplay (Super Video Graphics Array plus built-in stereovision capability): The company's 0.59 inch diagonal SVGA-3D OLED microdisplays have a resolution of 800x600 triad pixels (1.44 million picture elements). A built-in circuit provides compatibility with single channel frame sequential stereoscopic vision without additional external components. The SVGA-3D OLED-XL is primarily used as components of its Z800 3DVisor.

SXGA OLED-XL (Super eXtended Graphics Array, 1280 x 1024): The company's SXGA OLED microdisplay with 0.77 inch diagonal active area provides 3,932,160 sub-pixels in an active area that is .15 inches larger than its SVGA+ microdisplay. The 1280 x 1024 triad pixel array comprises triads of vertical sub-pixels stacked side by side to make up each 12 x 12mm color pixel. The SXGA OLED-XL microdisplay offers both analog and digital signal processing, requiring approximately 200mW under typical operation. The supported video formats are SXGA, 720p, DVGA (through 1280 x 960 pixel doubling), and both frame sequential and field sequential stereovision.

Lens and Design Reference Kits: The company offers a WF05 prism optic, with mounting brackets or combined with OLED microdisplays to form an optic-display module. The company provides Design Reference Kits, which include a microdisplay and associated electronics to help OEMs evaluate its microdisplay products and to assist their efforts to build and test new products incorporating its microdisplays.

Integrated Modules: The company provides near-eye virtual imaging modules that incorporate its OLED-on-silicon microdisplays with its lenses and electronic interfaces for integration into OEM products.

Z800 3DVisor: The company's Z800 3DVisors give users the ability to work with their hands while simultaneously viewing information or video on the display. The Z800 3DVisor enables portable computing, using a 0.59-inch diagonal microdisplay (SVGA-3D capable of delivering an image that appears comparable to that of a 19-inch monitor at 22 to 24 inches from the eye, or a 105 inch movie screen at 12 foot distance.) The company's systems are being used for personal entertainment, electronic gaming, and military training and simulation.

Sales and Marketing

The company markets its products in North America, Asia, and Europe directly from its sales office located in its Bellevue, Washington facility. It also has distributors in China and Korea. The company sells the Z800 3DVisor to individual buyers, OEM systems and equipment customers, through distributors, and through its e-commerce Web site, www.3dvisor.com.

Significant Events

On August 10, 2010, eMagin Corp. announced that it has signed an agreement to build its first production OLED deposition machine, one that would use the latest advances in the company's proprietary manufacturing processes.

Customers

The company's customers for its products include both multinational and smaller OEMs. It maintains relationships with OEMs in a range of industries encompassing the military, industrial, medical, and consumer market sectors.

Competition

In the high resolution microdisplay market, the company faces competition from liquid crystal microdisplay manufacturers, such as those sold by Kopin Corporation.

History

eMagin Corporation was founded in 1993.

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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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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