

Arkados Group, Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

Arkados Group, 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 Arkados Group, Inc. and its competitors. This provides our Clients with a clear understanding of Arkados Group, Inc. position in the [Semiconductor](#) Industry.

The report contains detailed information about Arkados Group, 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 Arkados Group, 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 Arkados Group, 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 Arkados Group, 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 Arkados Group, Inc. business.

About Arkados Group, Inc.

Arkados Group, Inc., a development stage company, engages in the development and marketing of technology and solutions that enable standard electrical wires to carry digital information, such as broadband communication, multimedia, smart energy and smart grid data, and networking.

The company provides both hardware and software engines for various products that enable high-speed digital transmission of music, movies, video, voice, smart grid applications, and broadband data over the existing infrastructure of electrical power lines.

Products

The company designs, develops, and markets integrated system-on-chip (SoC) semiconductors that are designed to cater to the markets for powerline communications. Its chip designs offer solutions through programmability and remote firmware upgrades. The company's integrated semiconductors provide the Internet or network connections over existing electric lines for new consumer electronic products (such as stereo systems, television sets, intercoms and personal iPods) and smart grid applications.

The company's software platform includes a suite of components, such as device link libraries and drivers, tools, sample code and documentation to create applications that would allow a range of networking devices and networked multimedia appliances. Its platform offering is called as ArkTIC (the Arkados total integration concept). Solutions from its ArkTIC family of converged multimedia and networking solutions targets data, audio, photo, and video-enabled networked multimedia appliances and networking devices.

The ArkTIC family is a portfolio of turnkey hardware and software solutions that enable OEMs and original design manufacturers (ODMs) to develop digitally networked consumer electronic products. Among other networking interfaces, the first member of the ArkTIC family supports a powerline communication interface based on the HomePlug Powerline Specification 1.0.1, and its next chip would support HomePlug AV.

The company's firmware, which is sold as a bundled solution with its SoCs, includes a real-time operating system and a set of application specific modules that support a range of functions, including Web-based management, audio distribution, and traffic classifications. Its SoCs support major peripheral connection protocols, including USB, Ethernet, Infrared, I2S, and various specialized and general purpose interfaces. This support enables connectivity to various playback, display, and content creation devices, including cameras, PCs, televisions and car, and home audio systems.

The company markets AI-1100 system-on-chip, which is designed to be embedded into various consumer electronics and multimedia networking devices and deliver high-speed Internet/networking connectivity and multimedia over the power lines in a home. The AI-1100 chip offers a single-chip integration of HomePlug 1.0.1 powerline technology, an ARM 926-JES CPU operating at 160 MHz, dual Ethernet interfaces, an I2S Audio Interface, and other interfaces designed to support connected home applications. The device supports applications, such as whole-house music streaming, whole-house internet access, and can be used in IPTV set-top boxes designed to decode and display standard definition video content -- from sources as varied as surveillance cameras and YouTube -- on regular TVs throughout the home. This is the silicon-and-software solution embedded inside the IOGEAR, Russound, and NuVo systems are shipping into the marketplace.

The company also provides consulting, software, and applications support. Its products are used in consumer electronics; network hardware; Internet telephony; home security; and smart grid applications.

Customers

The company's prototypes or products have been publicly announced and/or demonstrated by Analog Devices, Channel Vision, Checkolite, Corporate Systems Engineering, devolo AG, Freescale, GigaFast, GoodWay, IOGEAR, NuVo Technologies, Meiloon, PAC Electronics, Russound, Tatum, Zinwell, and Zylux.

Strategic Relationships

The company and STMicroelectronics announced an agreement to develop and manufacture a 200 Mbit per second, HomePlug AV wideband powerline modem System-on-Chip (SoC).

The company also has a relationship with the original design manufacturer, Tatum. The collaborative relationship between Tatum and the company services the technology and manufacturing needs for distributing digital content in homes.

The company has entered into a silicon product development and product collaboration agreement with GDA Technologies, Inc., under which GDA assists it in translating Arkados chip designs into a mask that can be used by a semiconductor foundry to manufacture Arkados-designed integrated circuits.

Competition

The company's competitors in the HomePlug powerline networking portion include Afa Technologies; Atheros Communications, Inc. (which acquired powerline chip manufacturer Intellon Corporation); Giga Semiconductor; Maxim Integrated Products Inc.; Sigma Designs (which acquired powerline and powerline chip designer Coppergate); and SPiDCOM.

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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