

# ADVA AG Optical Networking Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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## **Abstracts**

ADVA AG Optical Networking 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 ADVA AG Optical Networking and its competitors. This provides our Clients with a clear understanding of ADVA AG Optical Networking position in the <a href="Computers and Electronic Equipment">Computers and Electronic Equipment</a> Industry.

The report contains detailed information about ADVA AG Optical Networking 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 ADVA AG Optical Networking. 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 ADVA AG Optical Networking 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 ADVA AG Optical Networking 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 ADVA AG Optical Networking business.

## **About ADVA AG Optical Networking**

ADVA AG Optical Networking engages in the development, manufacture, marketing, and sale of optical networking solutions. The company offers its products to the telecommunication carriers and enterprises to deploy, manage and deliver data, storage, voice, and video services in the metropolitan area. Its systems have been deployed to telecommunications service providers, companies, universities, and government agencies worldwide.

The company's wholly owned subsidiaries include: ADVA Optical Networking, Inc.; ADVA Optical Networking Corp.; ADVA Optical Networking, Ltd.; ADVA Optical Networking AS; Metro Packet Systems Inc.; and mpacketAB.

The company's customer base comprises 150 carriers and various medium and major enterprises from industries, such as automotive, insurance, and financial services. The company principally operates in Europe, Middle East, and Africa.

#### **Products**

#### Fiber Service Platform



FSP 3000 (The Carrier Class Metro Solution): The ADVA FSP 3000 is a Dense Wavelength Division Multiplexing (DWDM) system specifically designed for metropolitan service providers that require a system that would multiplex, transport and switch high-speed data, storage, video, and voice applications. Service providers deploy the FSP 3000 to maximize the bandwidth and service flexibility of their metropolitan area and access networks, while supporting new revenue opportunities for high-speed LAN and SAN services. The system offers modules to perform specific network element functions such as conversion, multiplexing, protection, and network management.

FSP 2000 (The Scalable Enterprise Services Solution): The ADVA FSP 2000 is a Dense Wavelength Division Multiplexing (DWDM) system specifically designed for enterprises, which require a system that would multiplex and transport high-speed data, storage, voice, and video applications. Enterprise customers use the FSP 2000 to expand the reach and density of their network applications. The system offers modules to perform specific network element functions such as conversion, multiplexing, optical amplification, protection, and network management. The FSP 2000 system is approved to inter-operate with all major SAN equipment vendors.

FSP 1500: The ADVA FSP 1500 is SONET/SDH access system for the aggregation of up to eight high-speed data, storage, and video applications on a combined STM-16/OC-48 interface. Virtual concatenation provides bandwidth efficiency and ensures transport compatibility with all existing SONET/SDH networks. In addition, the system supports traditional voice services, including E1/T1. The FSP 1500 integrates with SONET/SDH equipment, as well as the ADVA FSP 3000 Dense Wavelength Division Multiplexing (DWDM) system, and FSP Element and Network Manager Software. Service providers can provision, monitor, and manage services from any node in the network.

FSP 500 (The Managed Fiber Access Solution): The ADVA FSP 500 is a managed fiber access solution specifically designed for service providers who require a system for delivering native performance for data, storage, and voice applications. Service providers deploy the FSP 500 for managed services between metropolitan area networks and customer premise facilities. The FSP 500 supports applications, such as LAN and SAN extension, fiber relief, co location, managed dark fiber services, ATM or SONET/SDH tail circuits, and ASP/ISP metro links. The FSP 500 provides demarcation point between an enterprise local network and the service provider network.

FSP 150 (The Ethernet Access Platform): The ADVA FSP 150 is a family of Ethernet



transport products specifically designed for access networks. The product family consists of a demarcation unit located at the customer premises and a set of aggregation devices, which can be deployed within the access infrastructure in order to make use of access and core network resources. The FSP 150 units are based on the IEEE802.3ah (Ethernet First Mile) standard and support the lightweight Operations, Administration and Maintenance (OAM) protocol as defined within the standard.

FSP Management Suite: The FSP management suite enables end-to-end monitoring, control, and

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 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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