

Europe Active Network Management Market Forecast to 2031 - Regional Analysis - by Component (Software and Services), Industry (Energy and Utilities, Transportation, Oil and Gas, Manufacturing, and Others), Application (Grid Asset Management, Real-Time Monitoring, and Automation), and Organization Size (Small and Medium Enterprises and Large Enterprises)

<https://marketpublishers.com/r/E4BC36F06DE5EN.html>

Date: October 2024

Pages: 105

Price: US\$ 3,550.00 (Single User License)

ID: E4BC36F06DE5EN

Abstracts

The Europe active network management market was valued at US\$ 366.54 million in 2023 and is expected to reach US\$ 1,308.73 million by 2031; it is estimated to register at a CAGR of 17.2% from 2023 to 2031.

Increasing Adoption of Real-Time Grid Monitoring Drives Europe Active Network Management Market

Real-time grid monitoring allows grid operators to have an accurate and up-to-date understanding of the electrical grid's performance, including power flows, voltages, and equipment conditions. With the increasing complexity and interconnectivity of modern power systems, real-time grid monitoring has become essential for ensuring reliable and efficient electricity delivery. Active network management involves the use of advanced software and hardware solutions to manage and optimize the operation of the electrical grid actively. By integrating real-time grid monitoring into active network management systems, grid operators can make faster and more informed decisions to maintain grid stability, reduce power outages, and optimize energy efficiency.

Market players are focusing on integrating automated grid solutions into their product portfolio. For instance, in November 2023, Gridspertise, a firm dedicated to supporting distribution system operators in accelerating the digital transformation of electricity grids, revealed two new cutting-edge solutions at Enlit Europe 2023-the major event dedicated to the European energetic scenario. In Paris, the company showcased Global, its new modular smart meter platform, which offers DSOs maximum flexibility hardware and software and numerous communication modules, and the ecosystem of solutions for Low Voltage Edge Grid Monitoring and Control based on Gridspertise Quantum Edge device technologies-the perfect allies in making low voltage grid more efficient and reliable. Thus, the rising adoption of real-time grid monitoring is expected to offer significant opportunities to the Europe active network management market in the coming years.

Europe Active Network Management Market Overview

The Europe active network management market is experiencing significant growth owing to the surge in demand for smart city projects across the globe. As urbanization accelerates, governments and organizations are increasingly investing in smart city initiatives to enhance sustainability, efficiency, and quality of life. Active network management plays a crucial role in ensuring the smooth operation of these complex energy networks, making it a vital component of the smart city infrastructure. Smart cities leverage advanced technologies to optimize urban services, including transportation, energy, waste management, and public safety. These projects require a robust and interconnected network infrastructure to enable seamless communication between devices, systems, and stakeholders. Active network management systems excel in managing the intricate web of sensors, meters, grids, and other smart city components, ensuring efficient energy distribution, grid stability, and reliable service delivery.

The Europe active network management market is segmented into Germany, France, Italy, the UK, Russia, and the Rest of Europe. In Europe, several successful and ongoing pilot active network management projects such as Enel - Puglia Active Network, SP Energy Networks - Dumfries & Galloway Integrated Network Management, Enedis - Nice Grid & others, Vattenfall - Askersund Microgrid, and SSE - Orkney Island, have been implemented by various companies. These projects aim to develop energy management solutions and improve network design, operation, and maintenance. Furthermore, active network management providers across Europe are engaging in strategies such as partnerships to develop energy management solutions. For example, in February 2023, Siemens formed a strategic partnership with EnergyHub to develop a

next-generation Distributed Energy Resources (DER) management system. This partnership aims to leverage Siemens' network knowledge and EnergyHub's grid-leading capabilities to provide a complete portfolio element for a next-generation distributed energy resource management system.

Europe Active Network Management Market Revenue and Forecast to 2031 (US\$ Million)

Europe Active Network Management Market Segmentation

The Europe active network management market is segmented based on component, industry, application, organization size, and country.

Based on component, the Europe active network management market is bifurcated into software and services. The software segment held a larger share in 2023.

In terms of industry, the Europe active network management market is segmented into energy & utilities, transportation, oil & gas, manufacturing, and others. The energy & utilities segment held the largest share in 2023.

By application, the Europe active network management market is segmented into grid asset management, real-time monitoring, and automation. The grid asset management segment held the largest share in 2023.

In terms of organization size, the Europe active network management market is bifurcated into small & medium enterprises and large enterprises. The large enterprises segment held a larger share in 2023.

Based on country, the Europe active network management market is categorized into Germany, France, the UK, Italy, Spain, and the Rest of Europe. Germany dominated the Europe active network management market in 2023.

ABB Ltd, Cisco Systems Inc, International Business Machines Corp, Oracle Corp, Siemens AG, Argand Solutions, Smarter Grid Solutions, and ZIV Automation are some of the leading companies operating in the Europe active network management market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Secondary Research
- 3.2 Primary Research
- 3.3 Hypothesis formulation:
- 3.4 Macro-economic factor analysis:
- 3.5 Developing base number:
- 3.6 Data Triangulation:
 - 3.6.1 Country level data:

4. EUROPE ACTIVE NETWORK MANAGEMENT MARKET LANDSCAPE

- 4.1 Overview
- 4.2 PEST Analysis
- 4.3 Ecosystem Analysis
 - 4.3.1 List of Vendors in the Value Chain

5. EUROPE ACTIVE NETWORK MANAGEMENT MARKET - KEY MARKET DYNAMICS

- 5.1 Europe Active Network Management Market - Key Market Dynamics
- 5.2 Market Drivers
 - 5.2.1 Increasing Need for Efficient Power Management Solutions
 - 5.2.2 Surging Number of Smart City Initiatives
 - 5.2.3 Growth in Renewable Energy Generation
- 5.3 Market Restraints
 - 5.3.1 High Deployment Cost

5.4 Market Opportunities

5.4.1 Rising Deployment of IoT/Connected Devices across Energy and Utilities

5.4.2 Increasing Adoption of Real-Time Grid Monitoring

5.5 Future Trends

5.5.1 Integration of AI-driven Optimization

5.6 Impact of Drivers and Restraints:

6. ACTIVE NETWORK MANAGEMENT MARKET -EUROPE MARKET ANALYSIS

6.1 Overview

6.2 Europe Active Network Management Market Revenue (US\$ million), 2021-2031

6.3 Europe Active Network Management Market Forecast Analysis

7. EUROPE ACTIVE NETWORK MANAGEMENT MARKET ANALYSIS - BY COMPONENT

7.1 Software

7.1.1 Overview

7.1.2 Software: Europe Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

7.2 Services

7.2.1 Overview

7.2.2 Services: Europe Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

8. EUROPE ACTIVE NETWORK MANAGEMENT MARKET ANALYSIS - BY INDUSTRY

8.1 Energy and Utilities

8.1.1 Overview

8.1.2 Energy and Utilities: Europe Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

8.2 Transportation

8.2.1 Overview

8.2.2 Transportation: Europe Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

8.3 Oil and Gas

8.3.1 Overview

8.3.2 Oil and Gas: Europe Active Network Management Market - Revenue and

Forecast to 2031 (US\$ million)

8.4 Manufacturing

8.4.1 Overview

8.4.2 Manufacturing: Europe Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

8.5 Others

8.5.1 Overview

8.5.2 Others: Europe Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

9. EUROPE ACTIVE NETWORK MANAGEMENT MARKET ANALYSIS - BY APPLICATION

9.1 Grid Asset Management

9.1.1 Overview

9.1.2 Grid Asset Management: Europe Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

9.2 Real-Time Monitoring

9.2.1 Overview

9.2.2 Real-Time Monitoring: Europe Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

9.3 Automation

9.3.1 Overview

9.3.2 Automation: Europe Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

10. EUROPE ACTIVE NETWORK MANAGEMENT MARKET ANALYSIS - BY ORGANIZATION SIZE

10.1 Small and Medium Enterprises

10.1.1 Overview

10.1.2 Small and Medium Enterprises: Europe Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

10.2 Large Enterprises

10.2.1 Overview

10.2.2 Large Enterprises: Europe Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

11. EUROPE ACTIVE NETWORK MANAGEMENT MARKET -COUNTRY ANALYSIS

11.1 Europe

11.1.1 Europe: Active Network Management Market - Revenue and Forecast Analysis - by Country

11.1.1.1 Europe: Active Network Management Market - Revenue and Forecast Analysis - by Country

11.1.1.2 Germany: Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

11.1.1.2.1 Germany: Active Network Management Market Breakdown, by Component

11.1.1.2.2 Germany: Active Network Management Market Breakdown, by Industry

11.1.1.2.3 Germany: Active Network Management Market Breakdown, by Application

11.1.1.2.4 Germany: Active Network Management Market Breakdown, by Organization Size

11.1.1.3 United Kingdom: Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

11.1.1.3.1 United Kingdom: Active Network Management Market Breakdown, by Component

11.1.1.3.2 United Kingdom: Active Network Management Market Breakdown, by Industry

11.1.1.3.3 United Kingdom: Active Network Management Market Breakdown, by Application

11.1.1.3.4 United Kingdom: Active Network Management Market Breakdown, by Organization Size

11.1.1.4 France: Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

11.1.1.4.1 France: Active Network Management Market Breakdown, by Component

11.1.1.4.2 France: Active Network Management Market Breakdown, by Industry

11.1.1.4.3 France: Active Network Management Market Breakdown, by Application

11.1.1.4.4 France: Active Network Management Market Breakdown, by Organization Size

11.1.1.5 Italy: Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

11.1.1.5.1 Italy: Active Network Management Market Breakdown, by Component

11.1.1.5.2 Italy: Active Network Management Market Breakdown, by Industry

11.1.1.5.3 Italy: Active Network Management Market Breakdown, by Application

11.1.1.5.4 Italy: Active Network Management Market Breakdown, by Organization Size

11.1.1.6 Russia: Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

11.1.1.6.1 Russia: Active Network Management Market Breakdown, by Component

11.1.1.6.2 Russia: Active Network Management Market Breakdown, by Industry

11.1.1.6.3 Russia: Active Network Management Market Breakdown, by Application

11.1.1.6.4 Russia: Active Network Management Market Breakdown, by Organization Size

11.1.1.7 Rest of Europe: Active Network Management Market - Revenue and Forecast to 2031 (US\$ million)

11.1.1.7.1 Rest of Europe: Active Network Management Market Breakdown, by Component

11.1.1.7.2 Rest of Europe: Active Network Management Market Breakdown, by Industry

11.1.1.7.3 Rest of Europe: Active Network Management Market Breakdown, by Application

11.1.1.7.4 Rest of Europe: Active Network Management Market Breakdown, by Organization Size

12. COMPETITIVE LANDSCAPE

12.1 Heat Map Analysis By Key Players

12.2 Company Positioning & Concentration

13. INDUSTRY LANDSCAPE

13.1 Overview

13.2 Market Initiative

13.3 Product Development

13.4 Expansion

13.5 Partnerships and Collaboration

14. COMPANY PROFILES

14.1 ABB Ltd

14.1.1 Key Facts

14.1.2 Business Description

14.1.3 Products and Services

14.1.4 Financial Overview

14.1.5 SWOT Analysis

- 14.1.6 Key Developments
- 14.2 Cisco Systems Inc
 - 14.2.1 Key Facts
 - 14.2.2 Business Description
 - 14.2.3 Products and Services
 - 14.2.4 Financial Overview
 - 14.2.5 SWOT Analysis
 - 14.2.6 Key Developments
- 14.3 International Business Machines Corp
 - 14.3.1 Key Facts
 - 14.3.2 Business Description
 - 14.3.3 Products and Services
 - 14.3.4 Financial Overview
 - 14.3.5 SWOT Analysis
 - 14.3.6 Key Developments
- 14.4 Oracle Corp
 - 14.4.1 Key Facts
 - 14.4.2 Business Description
 - 14.4.3 Products and Services
 - 14.4.4 Financial Overview
 - 14.4.5 SWOT Analysis
 - 14.4.6 Key Developments
- 14.5 Siemens AG
 - 14.5.1 Key Facts
 - 14.5.2 Business Description
 - 14.5.3 Products and Services
 - 14.5.4 Financial Overview
 - 14.5.5 SWOT Analysis
 - 14.5.6 Key Developments
- 14.6 Argand Solutions
 - 14.6.1 Key Facts
 - 14.6.2 Business Description
 - 14.6.3 Products and Services
 - 14.6.4 Financial Overview
 - 14.6.5 SWOT Analysis
 - 14.6.6 Key Developments
- 14.7 Smarter Grid Solutions
 - 14.7.1 Key Facts
 - 14.7.2 Business Description

14.7.3 Products and Services

14.7.4 Financial Overview

14.7.5 SWOT Analysis

14.7.6 Key Developments

14.8 ZIV Automation

14.8.1 Key Facts

14.8.2 Business Description

14.8.3 Products and Services

14.8.4 Financial Overview

14.8.5 SWOT Analysis

14.8.6 Key Developments

15. APPENDIX

15.1 Glossary

15.2 About The Insight Partners

I would like to order

Product name: Europe Active Network Management Market Forecast to 2031 - Regional Analysis - by Component (Software and Services), Industry (Energy and Utilities, Transportation, Oil and Gas, Manufacturing, and Others), Application (Grid Asset Management, Real-Time Monitoring, and Automation), and Organization Size (Small and Medium Enterprises and Large Enterprises)

Product link: <https://marketpublishers.com/r/E4BC36F06DE5EN.html>

Price: US\$ 3,550.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E4BC36F06DE5EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970