+357 96 030922
info@marketpublishers.com

Outage Management System Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Standalone OMS, Integrated OMS), By Application (Public Utility, Private Utility), By Region, By Competition, 2020-2030F

https://marketpublishers.com/r/O221A77CF88DEN.html
Date: May 2025
Pages: 188
Price: US$ 4,500.00 (Single User License)
ID: O221A77CF88DEN

Abstracts

Market Overview

The Global Outage Management System Market was valued at USD 7.5 billion in 2024 and is projected to reach USD 12.1 billion by 2030, growing at a CAGR of 8.2% during the forecast period. The market is being driven by the rising need for grid reliability and resilience amid increasing power outages caused by aging infrastructure and extreme weather conditions. Smart grid technologies are enabling real-time monitoring and faster outage response, positioning OMS as a critical tool for enhancing utility performance. The complexity of integrating renewable energy sources into power grids is also accelerating the demand for advanced OMS platforms. Regulatory requirements and the demand for operational transparency are contributing further to this growth. The rise in consumer expectations for real-time outage updates, coupled with advancements in communication networks, IoT, 5G, and analytics, supports the ongoing adoption of OMS globally. As utilities expand networks and modernize infrastructure—particularly in developing economies—OMS solutions are becoming essential in optimizing grid operations and ensuring uninterrupted power delivery.

Key Market Drivers

Increasing Demand for Grid Reliability and Resilience

The drive for grid reliability and resilience is a key factor propelling the global outage

+357 96 030922
info@marketpublishers.com

management system (OMS) market. Power interruptions have become more frequent and disruptive due to aging infrastructure and the growing incidence of extreme weather. As societies become more dependent on continuous electricity supply, particularly in critical sectors like healthcare, finance, and IT, the pressure on utilities to minimize outages intensifies. OMS platforms play a central role in reducing downtime by enabling real-time visibility, efficient fault detection, and faster service restoration. These systems are essential in navigating the complexities of modern energy networks, particularly with the integration of intermittent renewable energy sources. By improving situational awareness and supporting coordinated response strategies, OMS helps utilities deliver reliable service while enhancing customer satisfaction and regulatory compliance.

Key Market Challenges

High Implementation Costs and Complexity

The high cost and complexity associated with implementing outage management systems are notable challenges. OMS deployment requires substantial investment in software, hardware, and systems integration. Utilities must align OMS with technologies like SCADA, GIS, and CIS, which can be difficult in cases where legacy infrastructure is incompatible. Integrating modern solutions often involves time-consuming upgrades, operational disruptions, and the need for specialized expertise. Smaller utilities, or those in cost-sensitive regions, may find it difficult to justify these investments. Moreover, training personnel and adapting workflows to accommodate new systems adds to the total cost of ownership. These challenges can delay adoption or limit the scope of OMS deployment in certain regions.

Data Privacy and Security Concerns

Data privacy and cybersecurity are growing concerns for the outage management system market. OMS relies on continuous data collection from sensors, smart meters, and other IoT-enabled devices, creating a large volume of sensitive operational and customer data. This data, if not properly secured, is vulnerable to breaches and cyber-attacks, which can disrupt operations and compromise privacy. Integration with cloud-based platforms adds further security considerations, as third-party hosting can increase exposure to external threats. Regulatory frameworks like GDPR and NERC CIP require strict data protection measures, compliance with which adds complexity and cost for utilities. Ensuring robust encryption, access controls, and cyber resilience strategies is essential to maintaining the integrity of OMS deployments in an

+357 96 030922
info@marketpublishers.com

increasingly digital energy landscape.

Key Market Trends

Integration of Advanced Technologies: AI, IoT, and Cloud Computing

The integration of emerging technologies such as AI, IoT, and cloud computing is shaping the future of outage management systems. AI and machine learning enable predictive analytics, allowing utilities to anticipate outages and deploy preventive measures. These capabilities enhance outage response times and system reliability. IoT integration—through sensors and smart meters—provides real-time data on power grid conditions, helping detect faults and assess asset health. Cloud computing offers scalability and remote access, allowing utilities to manage operations more flexibly and cost-effectively. Together, these technologies are enabling a transition from reactive to proactive outage management strategies, supporting grid modernization and improved customer engagement.

Key Market Players

Intergraph Corporation

Advanced Control Systems Inc.

Survalent Technology Corporation

ABB Ltd.

Oracle Corporation

Siemens AG

Schneider Electric SE

General Electric Company

Report Scope:

+357 96 030922
info@marketpublishers.com

In this report, the Global Outage Management System Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Outage Management System Market, By Type:

- Standalone OMS
- Integrated OMS

Outage Management System Market, By Application:

- Public Utility
- Private Utility

Outage Management System Market, By Region:

- North America
  - United States
  - Canada
  - Mexico
- Europe
  - Germany
  - France
  - United Kingdom
  - Italy

+357 96 030922
info@marketpublishers.com

Spain

Asia Pacific

China

India

Japan

South Korea

Australia

South America

Brazil

Colombia

Argentina

Middle East & Africa

Saudi Arabia

UAE

South Africa

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Outage Management System Market.

Available Customizations:

Global Outage Management System Market report with the given market data, Tech Sci

+357 96 030922
info@marketpublishers.com

Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

+357 96 030922
info@marketpublishers.com

Contents

1. PRODUCT OVERVIEW

1.1. Market Definition
1.2. Scope of the Market
  1.2.1. Markets Covered
  1.2.2. Years Considered for Study
  1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

2.1. Objective of the Study
2.2. Baseline Methodology
2.3. Key Industry Partners
2.4. Major Association and Secondary Sources
2.5. Forecasting Methodology
2.6. Data Triangulation & Validation
2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

3.1. Overview of the Market
3.2. Overview of Key Market Segmentations
3.3. Overview of Key Market Players
3.4. Overview of Key Regions/Countries
3.5. Overview of Market Drivers, Challenges, and Trends

4. VOICE OF CUSTOMER

5. GLOBAL OUTAGE MANAGEMENT SYSTEM MARKET OUTLOOK

5.1. Market Size & Forecast
  5.1.1. By Value
5.2. Market Share & Forecast
  5.2.1. By Type (Standalone OMS, Integrated OMS)
  5.2.2. By Application (Public Utility, Private Utility)
  5.2.3. By Region (North America, Europe, South America, Middle East & Africa, Asia Pacific)

+357 96 030922
info@marketpublishers.com

5.3. By Company (2024)
5.4. Market Map

6. NORTH AMERICA OUTAGE MANAGEMENT SYSTEM MARKET OUTLOOK

6.1. Market Size & Forecast
  6.1.1. By Value
6.2. Market Share & Forecast
  6.2.1. By Type
  6.2.2. By Application
  6.2.3. By Country
6.3. North America: Country Analysis
  6.3.1. United States Outage Management System Market Outlook
    6.3.1.1. Market Size & Forecast
      6.3.1.1.1. By Value
    6.3.1.2. Market Share & Forecast
      6.3.1.2.1. By Type
      6.3.1.2.2. By Application
  6.3.2. Canada Outage Management System Market Outlook
    6.3.2.1. Market Size & Forecast
      6.3.2.1.1. By Value
    6.3.2.2. Market Share & Forecast
      6.3.2.2.1. By Type
      6.3.2.2.2. By Application
  6.3.3. Mexico Outage Management System Market Outlook
    6.3.3.1. Market Size & Forecast
      6.3.3.1.1. By Value
    6.3.3.2. Market Share & Forecast
      6.3.3.2.1. By Type
      6.3.3.2.2. By Application

7. EUROPE OUTAGE MANAGEMENT SYSTEM MARKET OUTLOOK

7.1. Market Size & Forecast
  7.1.1. By Value
7.2. Market Share & Forecast
  7.2.1. By Type
  7.2.2. By Application
  7.2.3. By Country

+357 96 030922
info@marketpublishers.com

7.3. Europe: Country Analysis
7.3.1. Germany Outage Management System Market Outlook
7.3.1.1. Market Size & Forecast
7.3.1.1.1. By Value
7.3.1.2. Market Share & Forecast
7.3.1.2.1. By Type
7.3.1.2.2. By Application
7.3.2. France Outage Management System Market Outlook
7.3.2.1. Market Size & Forecast
7.3.2.1.1. By Value
7.3.2.2. Market Share & Forecast
7.3.2.2.1. By Type
7.3.2.2.2. By Application
7.3.3. United Kingdom Outage Management System Market Outlook
7.3.3.1. Market Size & Forecast
7.3.3.1.1. By Value
7.3.3.2. Market Share & Forecast
7.3.3.2.1. By Type
7.3.3.2.2. By Application
7.3.4. Italy Outage Management System Market Outlook
7.3.4.1. Market Size & Forecast
7.3.4.1.1. By Value
7.3.4.2. Market Share & Forecast
7.3.4.2.1. By Type
7.3.4.2.2. By Application
7.3.5. Spain Outage Management System Market Outlook
7.3.5.1. Market Size & Forecast
7.3.5.1.1. By Value
7.3.5.2. Market Share & Forecast
7.3.5.2.1. By Type
7.3.5.2.2. By Application

8. ASIA PACIFIC OUTAGE MANAGEMENT SYSTEM MARKET OUTLOOK

8.1. Market Size & Forecast
8.1.1. By Value
8.2. Market Share & Forecast
8.2.1. By Type
8.2.2. By Application

+357 96 030922
info@marketpublishers.com

8.2.3. By Country
8.3. Asia Pacific: Country Analysis
8.3.1. China Outage Management System Market Outlook
8.3.1.1. Market Size & Forecast
8.3.1.1.1. By Value
8.3.1.2. Market Share & Forecast
8.3.1.2.1. By Type
8.3.1.2.2. By Application
8.3.2. India Outage Management System Market Outlook
8.3.2.1. Market Size & Forecast
8.3.2.1.1. By Value
8.3.2.2. Market Share & Forecast
8.3.2.2.1. By Type
8.3.2.2.2. By Application
8.3.3. Japan Outage Management System Market Outlook
8.3.3.1. Market Size & Forecast
8.3.3.1.1. By Value
8.3.3.2. Market Share & Forecast
8.3.3.2.1. By Type
8.3.3.2.2. By Application
8.3.4. South Korea Outage Management System Market Outlook
8.3.4.1. Market Size & Forecast
8.3.4.1.1. By Value
8.3.4.2. Market Share & Forecast
8.3.4.2.1. By Type
8.3.4.2.2. By Application
8.3.5. Australia Outage Management System Market Outlook
8.3.5.1. Market Size & Forecast
8.3.5.1.1. By Value
8.3.5.2. Market Share & Forecast
8.3.5.2.1. By Type
8.3.5.2.2. By Application

9. MIDDLE EAST & AFRICA OUTAGE MANAGEMENT SYSTEM MARKET OUTLOOK

9.1. Market Size & Forecast
9.1.1. By Value
9.2. Market Share & Forecast

+357 96 030922
info@marketpublishers.com

9.2.1. By Type
9.2.2. By Application
9.2.3. By Country
9.3. Middle East & Africa: Country Analysis
9.3.1. Saudi Arabia Outage Management System Market Outlook
9.3.1.1. Market Size & Forecast
9.3.1.1.1. By Value
9.3.1.2. Market Share & Forecast
9.3.1.2.1. By Type
9.3.1.2.2. By Application
9.3.2. UAE Outage Management System Market Outlook
9.3.2.1. Market Size & Forecast
9.3.2.1.1. By Value
9.3.2.2. Market Share & Forecast
9.3.2.2.1. By Type
9.3.2.2.2. By Application
9.3.3. South Africa Outage Management System Market Outlook
9.3.3.1. Market Size & Forecast
9.3.3.1.1. By Value
9.3.3.2. Market Share & Forecast
9.3.3.2.1. By Type
9.3.3.2.2. By Application

10. SOUTH AMERICA OUTAGE MANAGEMENT SYSTEM MARKET OUTLOOK

10.1. Market Size & Forecast
10.1.1. By Value
10.2. Market Share & Forecast
10.2.1. By Type
10.2.2. By Application
10.2.3. By Country
10.3. South America: Country Analysis
10.3.1. Brazil Outage Management System Market Outlook
10.3.1.1. Market Size & Forecast
10.3.1.1.1. By Value
10.3.1.2. Market Share & Forecast
10.3.1.2.1. By Type
10.3.1.2.2. By Application
10.3.2. Colombia Outage Management System Market Outlook

+357 96 030922
info@marketpublishers.com

10.3.2.1. Market Size & Forecast
10.3.2.1.1. By Value
10.3.2.2. Market Share & Forecast
10.3.2.2.1. By Type
10.3.2.2.2. By Application
10.3.3. Argentina Outage Management System Market Outlook
10.3.3.1. Market Size & Forecast
10.3.3.1.1. By Value
10.3.3.2. Market Share & Forecast
10.3.3.2.1. By Type
10.3.3.2.2. By Application

11. MARKET DYNAMICS

11.1. Drivers
11.2. Challenges

12. MARKET TRENDS AND DEVELOPMENTS

12.1. Merger & Acquisition (If Any)
12.2. Product Launches (If Any)
12.3. Recent Developments

13. COMPANY PROFILES

13.1. Intergraph Corporation
13.1.1. Business Overview
13.1.2. Key Revenue and Financials
13.1.3. Recent Developments
13.1.4. Key Personnel
13.1.5. Key Product/Services Offered
13.2. Advanced Control Systems Inc.
13.3. Survalent Technology Corporation
13.4. ABB Ltd.
13.5. Oracle Corporation
13.6. Siemens AG
13.7. Schneider Electric SE
13.8. General Electric Company

+357 96 030922
info@marketpublishers.com

14. STRATEGIC RECOMMENDATIONS

15. ABOUT US & DISCLAIMER

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Outage Management System Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Standalone OMS, Integrated OMS), By Application (Public Utility, Private Utility), By Region, By Competition, 2020-2030F

Product link: https://marketpublishers.com/r/O221A77CF88DEN.html

Price: US$ 4,500.00 (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/O221A77CF88DEN.html