

# **Network Analytics Market Forecasts to 2034 – Global Analysis By Solution & Service (Services and Network Intelligence Solutions), Deployment Mode, Organization Size, Application, End User and By Geography**

<https://marketpublishers.com/r/N78F0A35F866EN.html>

Date: May 2026

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: N78F0A35F866EN

## **Abstracts**

According to Statistics MRC, the Global Network Analytics Market is accounted for \$5.3 billion in 2026 and is expected to reach \$27.0 billion by 2034 growing at a CAGR of 22.5% during the forecast period. Network Analytics involves the study and examination of data traffic within computer networks to extract actionable insights. By employing various tools and techniques, it assesses network performance, identifies potential bottlenecks, predicts system failures, and enhances security measures. This practice utilizes data analysis, machine learning algorithms, and AI to monitor, interpret, and visualize network data patterns. Network analytics plays a pivotal role in modern business operations, empowering organizations to make informed decisions, streamline network management, and adapt proactively to dynamic technological landscapes for sustained efficiency and resilience.

According to the 2021 Software Development and Analytics Survey, more than a third of respondents (39%) said they have increased their investments in data analytics tools and technologies. In addition, 41% of respondents admitted the growing customer demand for network access and data analysis.

### **Market Dynamics:**

#### **Driver:**

Growing adoption of machine learning (ML) and artificial intelligence (AI)

The increasing adoption of Machine Learning (ML) and Artificial Intelligence (AI) for intelligent network management is revolutionizing the market. These technologies enhance the efficiency of network operations, allowing for proactive problem-solving, rapid decision-making, and adaptive network optimization. As businesses seek smarter and more autonomous network solutions, the integration of ML and AI in network analytics is expected to drive market growth, fostering innovative capabilities that streamline network performance, bolster security measures, and offer unparalleled insights into network behaviours for improved operational agility.

**Restraint:**

Growing data privacy concerns

Heightened scrutiny over data collection, storage, and usage regulations limits access to granular network data crucial for comprehensive analytics. Organizations face hurdles in accessing sensitive user information necessary for robust analytics, impacting the accuracy and depth of network assessments. These privacy constraints potentially restrict innovation in analytics solutions, limit the scope of advanced analytics, and demand a delicate balance between preserving user privacy and extracting valuable insights, thereby impeding the full potential of network analytics market growth.

**Opportunity:**

Enhancements of internet of things (IoT) in analytics solutions

IoT proliferation generates vast amounts of data from interconnected devices, necessitating advanced analytics for effective data processing and interpretation. Network Analytics solutions tailored for IoT environments enable real-time data analysis, offering insights into device behavior, network performance, and security threats. This synergy drives demand for specialized analytics tools capable of handling IoT-generated data streams efficiently.

**Threat:**

Lack of data quality

Inaccurate, incomplete, or outdated data compromises the reliability and efficacy of

network analysis. Poor data quality undermines the precision of insights derived from analytics tools, leading to erroneous conclusions and decision-making. This impediment hampers the effectiveness of network optimization, anomaly detection, and security measures. Insufficient data quality obstructs the development of robust predictive models, hindering the ability to foresee network issues accurately.

### Covid-19 Impact

The COVID-19 pandemic reshaped the network analytics market, compelling a rapid shift towards remote work setups and digital operations. This surge in remote working led to heightened demand for robust network infrastructures and analytics tools to manage increased traffic, ensure data security, and optimize performance. Enterprises accelerated their adoption of cloud-based analytics solutions, emphasizing real-time monitoring and threat detection. Despite adversities, this period spurred innovation and propelled the network analytics market towards dynamic evolution to meet changing business needs in a digitally driven world.

The cloud segment is expected to be the largest during the forecast period

The cloud segment is estimated to have a lucrative growth, as advanced analytics are now required to monitor, manage, and optimize network performance inside cloud systems because of the wide adoption of cloud services. Organizations frequently use hybrid or multi-cloud configurations. Cloud network analytics support dependable performance and connectivity across various cloud platforms. Cloud infrastructures can be complicated due to their many different elements, services, and interactions which boost the growth of the market.

The telecom providers segment is expected to have the highest CAGR during the forecast period

The telecom providers segment is anticipated to witness the highest CAGR growth during the forecast period, telecom providers manage huge amounts of data created by network devices, service interactions, and subscriber activities. Network analytics solutions allow organizations to extract insights from the generated data to optimize customer services and experience. In addition, deploying 5G networks necessitates advanced network analytics solutions to handle the increased volume of data, dynamic network connectivity, and low latency demand. The growing demand for network analytics solutions to enhance operations efficiency across telecom providers is expected to drive the market growth.

**Region with largest share:**

North America is projected to hold the largest market share during the forecast period owing to the growing technological advancements and digital transformation across the region are expected to drive the demand for the market. These solutions majorly optimize networks to support advanced technologies and digital initiatives. Furthermore, organizations across North America focus on data-driven decisions, where network analytics solutions allow organizations to offer insights into network performance, security, and user behavior.

**Region with highest CAGR:**

Asia Pacific is projected to have the highest CAGR over the forecast period, owing to the rising adoption of advanced technologies and devices. The growing data usage has anticipated the need for network analytics as they help to manage the data influx and assure efficient network performance. Further, diverse economies and technologies form complex network environments, which can be easily optimized and managed by network analytics solutions. These growing benefits toward achieving operational efficiency across industries are expected to generate huge demand for the market over the forecast period.

**Key players in the market**

Some of the key players in the Network Analytics Market include Accenture PLC, Alcatel-Lucent Enterprise SA , Broadcom, Inc., Ciena Corporation, Cisco Systems, Inc., Extreme Networks., Fortinet, Inc., Hewlett Packard Enterprise Development LP, Huawei Technologies Co., Ltd., IBM Corporation, International Business Machines Corporation, Juniper Networks, Inc., Nivid Technologies., Nokia Corporation, Sandvine Corporation, SAS Institute Inc., Telefonaktiebolaget LM Ericsson, Tibco Software Inc. and Trend Micro Incorporated

**Key Developments:**

In January 2024, Accenture has completed its acquisition of management consultancy Vocatus, which uses behavioral economics modeling to develop pricing strategies and sales concepts for business-to-business and business-to-consumer models.

In December 2023, Cisco to acquire Isovalent to Define the Future of Multicloud

Networking and Security, the acquisition of Isovalent will build on Cisco's commitment to its Cisco Security Cloud vision, an AI-driven, cloud delivered, integrated security platform for organizations of any shape and size.

**Solution & Services Covered:**

Services

Network Intelligence Solutions

**Deployment Modes Covered:**

On-Premise

Cloud

Hybrid

**Organization Sizes Covered:**

Large Enterprises

Small & Medium Enterprises

**Applications Covered:**

Risk Management & Fault Detection

Customer Analysis

Compliance Management

Network Performance Management

Quality Management

## Other Applications

### End Users Covered:

Cloud Service Providers

Communication Service Providers

Telecom Providers

Satellite Communication Providers

Internet Service Providers (ISPs)

Cable Network Providers

Other End Users

### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

**What our report offers:**

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

**Free Customization Offerings:**

All the customers of this report will be entitled to receive one of the following free customization options:

**Company Profiling**

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

**Regional Segmentation**

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

**Competitive Benchmarking**

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 End User Analysis
- 3.8 Emerging Markets
- 3.9 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

## **5 GLOBAL NETWORK ANALYTICS MARKET, BY SOLUTION & SERVICE**

- 5.1 Introduction
- 5.2 Services
  - 5.2.1 Professional Services
  - 5.2.2 Managed Services
- 5.3 Network Intelligence Solutions

## **6 GLOBAL NETWORK ANALYTICS MARKET, BY DEPLOYMENT MODE**

- 6.1 Introduction
- 6.2 On-Premise
- 6.3 Cloud
- 6.4 Hybrid

## **7 GLOBAL NETWORK ANALYTICS MARKET, BY ORGANIZATION SIZE**

- 7.1 Introduction
- 7.2 Large Enterprises
- 7.3 Small & Medium Enterprises

## **8 GLOBAL NETWORK ANALYTICS MARKET, BY APPLICATION**

- 8.1 Introduction
- 8.2 Risk Management & Fault Detection
- 8.3 Customer Analysis
- 8.4 Compliance Management
- 8.5 Network Performance Management
- 8.6 Quality Management
- 8.8 Other Applications

## **9 GLOBAL NETWORK ANALYTICS MARKET, BY END USER**

- 9.1 Introduction
- 9.2 Cloud Service Providers
- 9.3 Communication Service Providers
- 9.4 Telecom Providers
- 9.5 Satellite Communication Providers
- 9.6 Internet Service Providers (ISPs)

9.9 Cable Network Providers

9.8 Other End Users

## **10 GLOBAL NETWORK ANALYTICS MARKET, BY GEOGRAPHY**

10.1 Introduction

10.2 North America

10.2.1 US

10.2.2 Canada

10.2.3 Mexico

10.3 Europe

10.3.1 Germany

10.3.2 UK

10.3.3 Italy

10.3.4 France

10.3.5 Spain

10.3.6 Rest of Europe

10.4 Asia Pacific

10.4.1 Japan

10.4.2 China

10.4.3 India

10.4.4 Australia

10.4.5 New Zealand

10.4.6 South Korea

10.4.7 Rest of Asia Pacific

10.5 South America

10.5.1 Argentina

10.5.2 Brazil

10.5.3 Chile

10.5.4 Rest of South America

10.6 Middle East & Africa

10.6.1 Saudi Arabia

10.6.2 UAE

10.6.3 Qatar

10.6.4 South Africa

10.6.5 Rest of Middle East & Africa

## **11 KEY DEVELOPMENTS**

- 11.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 11.2 Acquisitions & Mergers
- 11.3 New Product Launch
- 11.4 Expansions
- 11.5 Other Key Strategies

## **12 COMPANY PROFILING**

- 12.1 Accenture PLC
- 12.2 Alcatel-Lucent Enterprise SA
- 12.3 Broadcom, Inc.
- 12.4 Ciena Corporation
- 12.5 Cisco Systems, Inc.
- 12.6 Extreme Networks.
- 12.7 Fortinet, Inc.
- 12.8 Hewlett Packard Enterprise Development LP
- 12.9 Huawei Technologies Co., Ltd.
- 12.10 IBM Corporation
- 12.11 International Business Machines Corporation
- 12.12 Juniper Networks, Inc.
- 12.13 Nivid Technologies.
- 12.14 Nokia Corporation
- 12.15 Sandvine Corporation
- 12.16 SAS Institute Inc.
- 12.17 Telefonaktiebolaget LM Ericsson
- 12.18 Tibco Software Inc.
- 12.19 Trend Micro Incorporated

## List Of Tables

### LIST OF TABLES

Table 1 Global Network Analytics Market Outlook, By Region (2023-2034) (\$MN)

Table 2 Global Network Analytics Market Outlook, By Solution & Service (2023-2034) (\$MN)

Table 3 Global Network Analytics Market Outlook, By Services (2023-2034) (\$MN)

Table 4 Global Network Analytics Market Outlook, By Professional Services (2023-2034) (\$MN)

Table 5 Global Network Analytics Market Outlook, By Managed Services (2023-2034) (\$MN)

Table 6 Global Network Analytics Market Outlook, By Network Intelligence Solutions (2023-2034) (\$MN)

Table 7 Global Network Analytics Market Outlook, By Deployment Mode (2023-2034) (\$MN)

Table 8 Global Network Analytics Market Outlook, By On-Premise (2023-2034) (\$MN)

Table 9 Global Network Analytics Market Outlook, By Cloud (2023-2034) (\$MN)

Table 10 Global Network Analytics Market Outlook, By Hybrid (2023-2034) (\$MN)

Table 11 Global Network Analytics Market Outlook, By Organization Size (2023-2034) (\$MN)

Table 12 Global Network Analytics Market Outlook, By Large Enterprises (2023-2034) (\$MN)

Table 13 Global Network Analytics Market Outlook, By Small & Medium Enterprises (2023-2034) (\$MN)

Table 14 Global Network Analytics Market Outlook, By Application (2023-2034) (\$MN)

Table 15 Global Network Analytics Market Outlook, By Risk Management & Fault Detection (2023-2034) (\$MN)

Table 16 Global Network Analytics Market Outlook, By Customer Analysis (2023-2034) (\$MN)

Table 17 Global Network Analytics Market Outlook, By Compliance Management (2023-2034) (\$MN)

Table 18 Global Network Analytics Market Outlook, By Network Performance Management (2023-2034) (\$MN)

Table 19 Global Network Analytics Market Outlook, By Quality Management (2023-2034) (\$MN)

Table 20 Global Network Analytics Market Outlook, By Other Applications (2023-2034) (\$MN)

Table 21 Global Network Analytics Market Outlook, By End User (2023-2034) (\$MN)

Table 22 Global Network Analytics Market Outlook, By Cloud Service Providers (2023-2034) (\$MN)

Table 23 Global Network Analytics Market Outlook, By Communication Service Providers (2023-2034) (\$MN)

Table 24 Global Network Analytics Market Outlook, By Telecom Providers (2023-2034) (\$MN)

Table 25 Global Network Analytics Market Outlook, By Satellite Communication Providers (2023-2034) (\$MN)

Table 26 Global Network Analytics Market Outlook, By Internet Service Providers (ISPs) (2023-2034) (\$MN)

Table 27 Global Network Analytics Market Outlook, By Cable Network Providers (2023-2034) (\$MN)

Table 28 Global Network Analytics Market Outlook, By Other End Users (2023-2034) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

## I would like to order

Product name: Network Analytics Market Forecasts to 2034 – Global Analysis By Solution & Service (Services and Network Intelligence Solutions), Deployment Mode, Organization Size, Application, End User and By Geography

Product link: <https://marketpublishers.com/r/N78F0A35F866EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N78F0A35F866EN.html>