

Artificial Intelligence For Information Technology Operations (AioPs) For Telecom Operations Market Outlook 2025-2034: Market Share, and Growth Analysis By Offering (Platform, Service), By Deployment Model (On-Premise, Cloud), By Application

<https://marketpublishers.com/r/ADF2776C8184EN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: ADF2776C8184EN

Abstracts

The Artificial Intelligence For Information Technology Operations (AioPs) For Telecom Operations Market is valued at USD 1.5 billion in 2025 and is projected to grow at a CAGR of 34.4% to reach USD 21.4 billion by 2034. The AIOps for Telecom Operations market focuses on leveraging AI to automate and optimize the complex IT infrastructure of telecom companies. This includes network monitoring, predictive maintenance, and service assurance. By analyzing vast amounts of data, AIOps platforms help telecom operators reduce downtime, improve service quality, and enhance customer experience. This market is rapidly growing as telecom operators seek to modernize their operations and handle the increasing demands of 5G and IoT.

AIOps solutions are crucial for managing the dynamic and distributed nature of modern telecom networks. They enable proactive problem detection, automated incident resolution, and intelligent resource allocation. This leads to significant cost savings and operational efficiency. The integration of machine learning and deep learning algorithms allows for continuous improvement and adaptation to evolving network conditions.

The adoption of AIOps in telecom is driven by the need to handle the exponential growth of data traffic and the complexity of new technologies. As telecom operators deploy 5G and expand their IoT services, AIOps becomes essential for maintaining network stability and performance. The market is witnessing increased investment in AI-

powered solutions that can provide real-time insights and automate critical operations.

Key Insights Artificial Intelligence For Information Technology Operations (AIOps) For Telecom Operations Market

Increased adoption of predictive analytics for network maintenance.

Integration of AI with 5G and IoT infrastructure.

Growing demand for automated incident resolution and service assurance.

Development of cloud-native AIOps platforms.

Focus on enhancing customer experience through AI-driven insights.

Rising complexity of telecom networks.

Need for proactive network management.

Demand for improved service quality and reduced downtime.

Exponential growth of data traffic.

Cost reduction through automation.

Integration of legacy systems with new AI platforms.

Data security and privacy concerns.

Lack of skilled AI professionals.

High initial investment costs.

Ensuring accuracy and reliability of AI algorithms.

Artificial Intelligence For Information Technology Operations (AIOps) For Telecom Operations Market Segmentation

By Offering

Platform

Service

By Deployment Model

On-Premise

Cloud

By Application

Infrastructure Management

Application Performance Analysis

Real-Time Analytics

Network And Security Management

Other Applications

Key Companies Analysed

Amazon.com Inc.

International Business Machines Corporation (IBM)

Cisco Systems Inc.

Broadcom SA

Devo Technology Inc.

Vmware Inc.

HCL Technologies Limited

Micro Focus International Limited

Splunk Inc.

BMC Software Inc.

Catchpoint Systems Inc.

Neustar Inc.

Dynatrace LLC

New Relic Inc.

Elastic NV

PagerDuty Inc.

AppDynamics LLC

Exabeam Inc.

Correlata Solutions Ltd.

Moogsoft Inc.

Corvil Limited

Gigamon Inc.

LogMeIn Inc.

Loom Systems Ltd.

Nextthink SA

Pingman Tools LLC

ProphetStor Data Services Inc.

Resolve Systems LLC

RISC Networks

StackState Inc.

Artificial Intelligence For Information Technology Operations (Aiopts) For Telecom Operations Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Artificial Intelligence For Information Technology Operations (Aiopts) For Telecom Operations Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations market data and outlook to 2034

United States

Canada

Mexico

Europe — Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Report

Global Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Artificial

Intelligence For Information Technology Operations (Aiops) For Telecom Operations trade, costs, and supply chains

Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations supply chain analysis

Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations trade analysis, Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations market price analysis, and Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

Contents

1. TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2. GLOBAL ARTIFICIAL INTELLIGENCE FOR INFORMATION TECHNOLOGY OPERATIONS (AIOPS) FOR TELECOM OPERATIONS MARKET SUMMARY, 2025

- 2.1 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Industry Overview
 - 2.1.1 Global Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Revenues (In US\$ billion)
- 2.2 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Scope
- 2.3 Research Methodology

3. ARTIFICIAL INTELLIGENCE FOR INFORMATION TECHNOLOGY OPERATIONS (AIOPS) FOR TELECOM OPERATIONS MARKET INSIGHTS, 2024-2034

- 3.1 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Drivers
- 3.2 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Restraints
- 3.3 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Opportunities
- 3.4 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Challenges
- 3.5 Tariff Impact on Global Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Supply Chain Patterns

4. ARTIFICIAL INTELLIGENCE FOR INFORMATION TECHNOLOGY OPERATIONS (AIOPS) FOR TELECOM OPERATIONS MARKET ANALYTICS

- 4.1 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size and Share, Dominant Applications, 2025 Vs 2034

4.3 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size and Share, Leading End Uses, 2025 Vs 2034

4.4 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size and Share, High Growth Countries, 2025 Vs 2034

4.5 Five Forces Analysis for Global Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market

4.5.1 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Industry Attractiveness Index, 2025

4.5.2 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Supplier Intelligence

4.5.3 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Buyer Intelligence

4.5.4 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Competition Intelligence

4.5.5 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Product Alternatives and Substitutes Intelligence

4.5.6 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Entry Intelligence

5. GLOBAL ARTIFICIAL INTELLIGENCE FOR INFORMATION TECHNOLOGY OPERATIONS (AIOPS) FOR TELECOM OPERATIONS MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034

5.1 World Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)

5.1 Global Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Sales Outlook and CAGR Growth By Offering, 2024- 2034 (\$ billion)

5.2 Global Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Sales Outlook and CAGR Growth By Deployment Model, 2024- 2034 (\$ billion)

5.3 Global Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Sales Outlook and CAGR Growth By Application, 2024- 2034 (\$ billion)

5.4 Global Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Sales Outlook and Growth by Region, 2024- 2034 (\$ billion)

6. ASIA PACIFIC ARTIFICIAL INTELLIGENCE FOR INFORMATION TECHNOLOGY OPERATIONS (AIOPS) FOR TELECOM OPERATIONS INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK

6.1 Asia Pacific Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Insights, 2025

6.2 Asia Pacific Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Revenue Forecast By Offering, 2024- 2034 (USD billion)

6.3 Asia Pacific Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Revenue Forecast By Deployment Model, 2024- 2034 (USD billion)

6.4 Asia Pacific Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Revenue Forecast By Application, 2024- 2034 (USD billion)

6.5 Asia Pacific Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Revenue Forecast by Country, 2024- 2034 (USD billion)

6.5.1 China Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Opportunities, Growth 2024- 2034

6.5.2 India Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Opportunities, Growth 2024- 2034

6.5.3 Japan Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Opportunities, Growth 2024- 2034

6.5.4 Australia Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Opportunities, Growth 2024- 2034

7. EUROPE ARTIFICIAL INTELLIGENCE FOR INFORMATION TECHNOLOGY OPERATIONS (AIOPS) FOR TELECOM OPERATIONS MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034

7.1 Europe Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Key Findings, 2025

7.2 Europe Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size and Percentage Breakdown By Offering, 2024- 2034 (USD billion)

7.3 Europe Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size and Percentage Breakdown By Deployment Model, 2024- 2034 (USD billion)

7.4 Europe Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size and Percentage Breakdown By Application, 2024- 2034 (USD billion)

7.5 Europe Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)

7.5.1 Germany Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Trends, Growth Outlook to 2034

7.5.2 United Kingdom Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Trends, Growth Outlook to 2034

7.5.2 France Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Trends, Growth Outlook to 2034

7.5.2 Italy Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Trends, Growth Outlook to 2034

7.5.2 Spain Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Trends, Growth Outlook to 2034

8. NORTH AMERICA ARTIFICIAL INTELLIGENCE FOR INFORMATION TECHNOLOGY OPERATIONS (AIOPS) FOR TELECOM OPERATIONS MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034

8.1 North America Snapshot, 2025

8.2 North America Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Analysis and Outlook By Offering, 2024- 2034 (\$ billion)

8.3 North America Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Analysis and Outlook By Deployment Model, 2024- 2034 (\$ billion)

8.4 North America Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Analysis and Outlook By Application, 2024- 2034 (\$ billion)

8.5 North America Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Analysis and Outlook by Country, 2024- 2034 (\$ billion)

8.5.1 United States Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Canada Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Mexico Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Share, Growth Trends and Forecast, 2024- 2034

9. SOUTH AND CENTRAL AMERICA ARTIFICIAL INTELLIGENCE FOR

INFORMATION TECHNOLOGY OPERATIONS (AIOPS) FOR TELECOM OPERATIONS MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS

9.1 Latin America Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Data, 2025

9.2 Latin America Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Future By Offering, 2024- 2034 (\$ billion)

9.3 Latin America Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Future By Deployment Model, 2024- 2034 (\$ billion)

9.4 Latin America Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Future By Application, 2024- 2034 (\$ billion)

9.5 Latin America Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Future by Country, 2024- 2034 (\$ billion)

9.5.1 Brazil Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Share and Opportunities to 2034

9.5.2 Argentina Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Size, Share and Opportunities to 2034

10. MIDDLE EAST AFRICA ARTIFICIAL INTELLIGENCE FOR INFORMATION TECHNOLOGY OPERATIONS (AIOPS) FOR TELECOM OPERATIONS MARKET OUTLOOK AND GROWTH PROSPECTS

10.1 Middle East Africa Overview, 2025

10.2 Middle East Africa Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Statistics By Offering, 2024- 2034 (USD billion)

10.3 Middle East Africa Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Statistics By Deployment Model, 2024- 2034 (USD billion)

10.4 Middle East Africa Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Statistics By Application, 2024- 2034 (USD billion)

10.5 Middle East Africa Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Statistics by Country, 2024- 2034 (USD billion)

10.5.1 Middle East Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Value, Trends, Growth Forecasts to 2034

10.5.2 Africa Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Value, Trends, Growth Forecasts to 2034

11. ARTIFICIAL INTELLIGENCE FOR INFORMATION TECHNOLOGY OPERATIONS

(AIOPS) FOR TELECOM OPERATIONS MARKET STRUCTURE AND COMPETITIVE LANDSCAPE

11.1 Key Companies in Artificial Intelligence For Information Technology Operations

(Aiops) For Telecom Operations Industry

11.2 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Business Overview

11.3 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Product Portfolio Analysis

11.4 Financial Analysis

11.5 SWOT Analysis

12 APPENDIX

12.1 Global Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Volume (Tons)

12.1 Global Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Trade and Price Analysis

12.2 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Parent Market and Other Relevant Analysis

12.3 Publisher Expertise

12.2 Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Industry Report Sources and Methodology

I would like to order

Product name: Artificial Intelligence For Information Technology Operations (Aiops) For Telecom Operations Market Outlook 2025-2034: Market Share, and Growth Analysis By Offering (Platform, Service), By Deployment Model (On-Premise, Cloud), By Application

Product link: <https://marketpublishers.com/r/ADF2776C8184EN.html>

Price: US\$ 3,950.00 (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/ADF2776C8184EN.html>