

AI in the Telecommunication Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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AI in the Telecommunication Trends and Forecast

The future of the AI in the global telecommunication market looks promising with opportunities in the customer analytic, network security, network optimization, self-diagnostic, and virtual assistance markets. The AI in the global telecommunication market is expected to reach an estimated \$10,373.6 million by 2030 with a CAGR of 42.3% from 2024 to 2030. The major drivers for this market are surge in demand for efficient network management, growing data traffic, and increasing demand for personalized customer experiences along with rising need for automation and predictive maintenance in telecom operations.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

AI in the Telecommunication by Segment

The study includes a forecast for the global AI in the telecommunication by component, deployment mode, technology, application, and region

AI in the Telecommunication Market by Component [Shipment Analysis by Value from 2018 to 2030]:

Solutions

Services

AI in the Telecommunication Market by Deployment Mode [Shipment Analysis by Value from 2018 to 2030]:

Cloud

On-Premises

AI in the Telecommunication Market by Technology [Shipment Analysis by Value from 2018 to 2030]:

Machine Learning

Natural Language Processing (NLP)

Data Analytics

AI in the Telecommunication Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Customer Analytics

Network Security

Network Optimization

Self-Diagnostics

Virtual Assistance

Others

AI in the Telecommunication Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of AI Companies in the Telecommunication Market

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies AI companies in the telecommunication market caters increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the AI companies in the telecommunication market are profiled in this report include-

IBM

Microsoft

Intel

Google

AT&T

Cisco Systems

Nuance Communications

Sentient Technologies

H2O.ai

Infosys

AI in the Telecommunication Market Insights

Lucintel forecasts that service will remain the higher growing segment over the forecast period due to rising awareness among telecommunication enterprises regarding the benefits of the AI technology in the telecommunication industry, growing adoption of AI for various applications, as well as increasing utilization of AI-enabled smartphones.

Virtual assistance will remain the highest growing segment over the forecast period due to its ability to handle customer queries while offering personalized recommendations and perform tasks like bill payments or service activations.

North America is expected to witness highest growth over the forecast period due to increasing number of telecom companies using automation and AI for customer service and network optimization purposes in this region.

Features of the AI in the Global Telecommunication Market

Market Size Estimates: AI in the global telecommunication market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: AI in the global telecommunication market size by various segments, such as by component, deployment mode, technology, application, and region in terms of value (\$B).

Regional Analysis: AI in the global telecommunication market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different component, deployment mode, technology, application, and regions for the AI in the global telecommunication market .

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the AI in the global telecommunication market .

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q.1 What is the AI in the global telecommunication market size?

Answer: The global AI in the global telecommunication market is expected to reach an estimated \$10,373.6 million by 2030.

Q.2 What is the growth forecast for AI in the global telecommunication market ?

Answer: The global AI in the global telecommunication market is expected to grow with a cagr of 42.3% from 2024 to 2030.

Q.3 What are the major drivers influencing the growth of the AI in the global telecommunication market ?

Answer: The major drivers for this market are surge in demand for efficient network management, growing data traffic, and increasing demand for personalized customer experiences along with rising need for automation and predictive maintenance in telecom operations.

Q4. What are the major segments for AI in the global telecommunication market ?

Answer: The future of the AI in the global telecommunication market looks promising with opportunities in the customer analytic, network security, network optimization, self-diagnostic, and virtual assistance markets.

Q5. Who are the key AI companies in the telecommunication market?

Answer: Some of the key AI companies in the telecommunication are as follows:

IBM

Microsoft

Intel

Google

AT&T

Cisco Systems

Nuance Communications

Sentient Technologies

H2O.ai

Infosys

Q6. Which AI in the telecommunication market segment will be the largest in future?

Answer: Lucintel forecasts that service will remain the higher growing segment over the forecast period due to rising awareness among telecommunication enterprises regarding the benefits of the AI technology in the telecommunication industry, growing adoption of AI for various applications, as well as increasing utilization of AI-enabled smartphones.

Q7. In AI in the global telecommunication market , which region is expected to be the largest in next 5 years?

Answer: North America is expected to witness highest growth over the forecast period due to increasing number of telecom companies using automation and AI for customer service and network optimization purposes in this region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the AI in the telecommunication market by component (solutions and services), deployment mode (cloud and on-premises), technology (machine learning, natural language processing (NLP), and data analytics), application (customer analytics, network security, network optimization, self-diagnostics, virtual assistance, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to AI in the telecommunication market or related to AI in the telecommunication companies, AI in the telecommunication market size, AI in the telecommunication market share, AI in the telecommunication market growth, AI in the telecommunication market research, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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7.9: H2O.AI

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