

Cloud Telephony Services Market Forecasts to 2032 – Global Analysis By Deployment (Cloud, Hosted and On-Premise), Enterprise Size (Small and Medium Enterprises and Large Enterprises), Network, Application, End User and By Geography

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Abstracts

According to Statistics MRC, the Global Cloud Telephony Services Market is accounted for \$27.95 billion in 2025 and is expected to reach \$58.76 billion by 2032 growing at a CAGR of 11.2% during the forecast period. Cloud telephony services refer to a communication technology that allows businesses to manage phone calls and messaging over the internet rather than through traditional telephone lines. These services provide flexible and scalable voice, SMS, call routing, IVR (Interactive Voice Response), and analytics solutions; they are frequently integrated with CRM and other business tools. Utilizing cloud infrastructure allows businesses to lower hardware and maintenance costs, support remote workers, and improve customer interactions. Moreover, customer service, sales, and marketing teams especially benefit from cloud telephony since it allows them to work effectively from any location with internet access.

According to the Telecom Regulatory Authority of India (TRAI), cloud services are recognized as a pivotal component in the evolution of India's digital infrastructure. In its 2020 recommendations, TRAI proposed a light-touch regulatory framework for cloud service providers (CSPs), advocating for the establishment of an industry-led body registered under the Societies Registration Act, 1860.

Market Dynamics:

Driver:

Growing use of hybrid work models and remote work

The need for cloud-based communication platforms has grown dramatically as a result of the move to remote and hybrid work settings. Employees can make and receive calls using internet-connected devices owing to cloud telephony, which does away with the need for in-person presence in office settings. This adaptability guarantees continuous communication even in the event of emergencies or lockdowns and boosts worker productivity. Additionally, companies are using cloud telephony more and more to manage remote teams because it allows departments, clients, and partners to communicate easily regardless of where they are in the world.

Restraint:

Privacy issues and data security

Cloud telephony has many advantages, but privacy and data security issues continue to be a significant obstacle. Communication data is susceptible to cyber attacks, unauthorized access, and data breaches since it is stored and transmitted online, including call recordings, customer information, and transaction histories. Strict data protection laws like GDPR, HIPAA, and India's DPDP Act must be followed by companies in highly regulated industries like government, healthcare, and finance. Because of this, some businesses find it challenging to implement cloud telephony in the absence of robust compliance frameworks, secure hosting, and end-to-end encryption guarantees.

Opportunity:

Integration with automation and artificial intelligence

Cloud telephony platforms are opening up new use cases and value propositions through the incorporation of AI, machine learning, and automation. Artificial intelligence (AI) is revolutionizing customer service operations through features like virtual assistants, real-time transcription, sentiment analysis, speech analytics, and intelligent call routing. Chatbots, automated IVR systems, and predictive dialing can boost productivity, lower operating expenses, and improve customer satisfaction. Furthermore, these developments are giving providers a competitive advantage while also generating new sources of income and applications tailored to particular industries.

Threat:

Increasing price wars and market competition

The market for cloud phone services is getting more and more crowded with regional and international vendors as well as new tech companies that provide comparable services. Violent pricing tactics and the commoditization of essential services like VoIP calling, IVR, and call recording are the results of this fierce competition. Profit margins are thus under pressure, particularly for small and mid-sized providers that do not have the same scale or level of brand awareness as major players such as Zoom, RingCentral, or Twilio. Moreover, established providers' pricing power may be further undermined by the emergence of freemium business models and open-source phone platforms.

Covid-19 Impact:

The COVID-19 pandemic caused businesses all over the world to quickly switch to remote and hybrid work models, which greatly accelerated the adoption of cloud telephony services. Businesses resorted to cloud-based communication tools in order to preserve smooth customer service, internal collaboration, and operational continuity after physical office infrastructures were disrupted. Cloud telephony was especially used by sectors like healthcare, e-commerce, education, and financial services to handle rising call volumes and online interaction. Additionally, the pandemic eventually changed enterprise communication preferences, making cloud telephony a crucial part of contemporary business continuity and digital transformation strategies, even though the initial spike was motivated by necessity.

The voice-over-internet protocol (VOIP) segment is expected to be the largest during the forecast period

The voice-over-internet protocol (VOIP) segment is expected to account for the largest market share during the forecast period. VoIP's cost-effectiveness, scalability, and flexibility over conventional Public Switched Telephone Networks (PSTNs) have made it the dominant technology. Video calls, voicemail-to-email, and CRM integration are just a few of the many sophisticated features it supports, all of which improve customer service and productivity. Furthermore, the need for VoIP-based cloud telephony systems across industries has been further stimulated by the expanding use of unified communications and remote work solutions.

The customer relationship management (CRM) segment is expected to have the

highest CAGR during the forecast period

Over the forecast period, the customer relationship management (CRM) segment is predicted to witness the highest growth rate. Cloud telephony integration with CRM platforms has become essential as companies place a greater emphasis on efficient and personalized customer interactions. The smooth call logging, customer data retrieval, call analytics, and automated follow-ups made possible by this integration improve customer satisfaction and agent productivity. Moreover, cloud telephony-CRM integration is a strategic investment for businesses that prioritize customer-centric operations because it facilitates omnichannel communication, guaranteeing continuity across voice, SMS, and email.

Region with largest share:

During the forecast period, the North American region is expected to hold the largest market share, driven by the presence of major market players, the widespread use of cloud-based solutions, and sophisticated IT infrastructure. The area benefits from high demand for scalable and affordable communication systems from sectors like IT, BFSI, healthcare, and retail. The expansion of cloud telephony is also fueled by rising remote work trends and broad internet penetration. Additionally, North America is the leading regional player in this market worldwide owing to government initiatives promoting digital transformation and significant investments in cloud technologies.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR. Rapid digitalization, rising internet usage, and the expanding use of cloud technologies in nations like China and India are the main drivers of this growth. For cloud telephony providers, the sizable small and medium-sized enterprise (SME) sector in these nations offers substantial opportunities. The growth of e-commerce and digital customer service, along with government initiatives supporting digital infrastructure, are driving market expansion. Furthermore, the demand for cloud telephony services is expected to rise as companies in the area look for scalable, affordable communication solutions.

Key players in the market

Some of the key players in Cloud Telephony Services Market include Cisco Systems Inc, Exotel Techcom Pvt. Ltd., Microsoft Corporation, 8x8 Inc., Vonage Holdings Corp.,

Dialpad Inc, Tripudio Ltd., Avoxi Inc., Nextiva Inc., Voxx International, BroadSoft Inc., Nfon AG, RingCentral Inc., Mitel Networks Corporation and Plivo Inc.

Key Developments:

In December 2024, VOXX International Corporation announced that VOXX and Gentex Corporation have entered into a definitive agreement and plan of merger for Gentex to acquire VOXX in an all-cash transaction. Under the terms of the Merger Agreement, Gentex will acquire all of the issued and outstanding shares of VOXX common stock not already owned by Gentex for \$7.50 per share, representing an aggregate enterprise value of approximately \$196 million.

In November 2024, Cisco Systems, Inc. inked a 5.5-year Whole Portfolio Agreement (WPA) with MGM Resorts International, granting MGM access to Cisco's software portfolio. The portfolio includes cybersecurity, software-defined networking, WAN, digital experience assurance, and data center services. This collaboration aims to enhance the guest and employee experience across all MGM Resorts properties.

In June 2024, Microsoft Corp and Hitachi Ltd. announced projected multibillion-dollar collaboration over the next three years that will accelerate social innovation with generative AI. Through this strategic alliance, Hitachi will propel growth of the Lumada business, with a planned revenue of 2.65 trillion yen (18.9 billion USD)*1 in FY2024, and will promote operational efficiency and productivity improvements for Hitachi Group's 270,000 employees.

Deployments Covered:

Cloud

Hosted

On-Premise

Enterprise Sizes Covered:

Small and Medium Enterprises

Large Enterprises

Networks Covered:

Public Switched Telephone Networks (PSTNs)

Voice-over-Internet Protocol (VOIP)

Applications Covered:

Conferencing

Multi-level IVR

Sales & Marketing

Customer Relationship Management (CRM)

Other Applications

End Users Covered:

Banking, Financial Institutions, and Insurance (BFSI)

Education

Government

Media & Entertainment

Healthcare

Retail

Telecom & IT

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 2024, 2025, 2026, 2028, and 2032
- 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 CLOUD TELEPHONY SERVICES MARKET, BY DEPLOYMENT

- 5.1 Introduction
- 5.2 Cloud
 - 5.2.1 Public Cloud
 - 5.2.2 Private Cloud
 - 5.2.3 Hybrid Cloud
- 5.3 Hosted
- 5.4 On-Premise

6 GLOBAL CLOUD TELEPHONY SERVICES MARKET, BY ENTERPRISE SIZE

- 6.1 Introduction
- 6.2 Small and Medium Enterprises
- 6.3 Large Enterprises

7 GLOBAL CLOUD TELEPHONY SERVICES MARKET, BY NETWORK

- 7.1 Introduction
- 7.2 Public Switched Telephone Networks (PSTNs)
- 7.3 Voice-over-Internet Protocol (VOIP)

8 GLOBAL CLOUD TELEPHONY SERVICES MARKET, BY APPLICATION

- 8.1 Introduction
- 8.2 Conferencing
- 8.3 Multi-level IVR
- 8.4 Sales & Marketing
- 8.5 Customer Relationship Management (CRM)
- 8.6 Other Applications

9 GLOBAL CLOUD TELEPHONY SERVICES MARKET, BY END USER

- 9.1 Introduction
- 9.2 Banking, Financial Institutions, and Insurance (BFSI)
- 9.3 Education
- 9.4 Government
- 9.5 Media & Entertainment
- 9.6 Healthcare

- 9.7 Retail
- 9.8 Telecom & IT
- 9.9 Other End Users

10 GLOBAL CLOUD TELEPHONY SERVICES 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 Cisco Systems Inc
- 12.2 Exotel Techcom Pvt. Ltd.
- 12.3 Microsoft Corporation
- 12.4 8x8 Inc.
- 12.5 Vonage Holdings Corp.
- 12.6 Dialpad Inc
- 12.7 Tripudio Ltd.
- 12.8 Avoxi Inc.
- 12.9 Nextiva Inc.
- 12.10 Voxx International
- 12.11 BroadSoft Inc.
- 12.12 Nfon AG
- 12.13 RingCentral Inc.
- 12.14 Mitel Networks Corporation
- 12.15 Plivo Inc.

List Of Tables

LIST OF TABLES

Table 1 Global Cloud Telephony Services Market Outlook, By Region (2024-2032) (\$MN)

Table 2 Global Cloud Telephony Services Market Outlook, By Deployment (2024-2032) (\$MN)

Table 3 Global Cloud Telephony Services Market Outlook, By Cloud (2024-2032) (\$MN)

Table 4 Global Cloud Telephony Services Market Outlook, By Public Cloud (2024-2032) (\$MN)

Table 5 Global Cloud Telephony Services Market Outlook, By Private Cloud (2024-2032) (\$MN)

Table 6 Global Cloud Telephony Services Market Outlook, By Hybrid Cloud (2024-2032) (\$MN)

Table 7 Global Cloud Telephony Services Market Outlook, By Hosted (2024-2032) (\$MN)

Table 8 Global Cloud Telephony Services Market Outlook, By On-Premise (2024-2032) (\$MN)

Table 9 Global Cloud Telephony Services Market Outlook, By Enterprise Size (2024-2032) (\$MN)

Table 10 Global Cloud Telephony Services Market Outlook, By Small and Medium Enterprises (2024-2032) (\$MN)

Table 11 Global Cloud Telephony Services Market Outlook, By Large Enterprises (2024-2032) (\$MN)

Table 12 Global Cloud Telephony Services Market Outlook, By Network (2024-2032) (\$MN)

Table 13 Global Cloud Telephony Services Market Outlook, By Public Switched Telephone Networks (PSTNs) (2024-2032) (\$MN)

Table 14 Global Cloud Telephony Services Market Outlook, By Voice-over-Internet Protocol (VOIP) (2024-2032) (\$MN)

Table 15 Global Cloud Telephony Services Market Outlook, By Application (2024-2032) (\$MN)

Table 16 Global Cloud Telephony Services Market Outlook, By Conferencing (2024-2032) (\$MN)

Table 17 Global Cloud Telephony Services Market Outlook, By Multi-level IVR (2024-2032) (\$MN)

Table 18 Global Cloud Telephony Services Market Outlook, By Sales & Marketing (2024-2032) (\$MN)

Table 19 Global Cloud Telephony Services Market Outlook, By Customer Relationship Management (CRM) (2024-2032) (\$MN)

Table 20 Global Cloud Telephony Services Market Outlook, By Other Applications (2024-2032) (\$MN)

Table 21 Global Cloud Telephony Services Market Outlook, By End User (2024-2032) (\$MN)

Table 22 Global Cloud Telephony Services Market Outlook, By Banking, Financial Institutions, and Insurance (BFSI) (2024-2032) (\$MN)

Table 23 Global Cloud Telephony Services Market Outlook, By Education (2024-2032) (\$MN)

Table 24 Global Cloud Telephony Services Market Outlook, By Government (2024-2032) (\$MN)

Table 25 Global Cloud Telephony Services Market Outlook, By Media & Entertainment (2024-2032) (\$MN)

Table 26 Global Cloud Telephony Services Market Outlook, By Healthcare (2024-2032) (\$MN)

Table 27 Global Cloud Telephony Services Market Outlook, By Retail (2024-2032) (\$MN)

Table 28 Global Cloud Telephony Services Market Outlook, By Telecom & IT (2024-2032) (\$MN)

Table 29 Global Cloud Telephony Services Market Outlook, By Other End Users (2024-2032) (\$MN)

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

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