

Cloud OSS BSS Market by Component ((Solutions and Services), Solution (OSS and BSS), Service (Professional and Managed Services)), Cloud Type (Public, Private, and Hybrid), Operator Type, Organization Size and Region - Global Forecast to 2027

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Abstracts

MarketsandMarkets forecasts the Cloud OSS BSS Market size to grow from USD 20.1 billion in 2022 to USD 36.6 billion by 2027, at a Compound Annual Growth Rate (CAGR) of 12.8% during the forecast period. The presence of various key players in the ecosystem has led to competitive and diverse market. Implementation of SDN and NFV at large scale will surge the adoption of OSS BSS solutions. The increasing adoption of customized cloud OSS BSS solutions and services has led CSPs to enrich the customer experience by providing bundled services. Due to the increasing service options and the complexities of cloud service providers' IT architecture, customized cloud OSS BSS solutions and services are gaining huge traction.

"The solution segment to record the highest market share during the forecast period"

In the cloud OSS BSS Market by Component, solutions segment is expected to hold the largest market size. These solutions are based on new technologies, such as AI, ML, and big data analytics, which help gather, visualize, analyze, and monitor data to gain valuable insights. Moreover, cloud OSS BSS solutions have enabled CSPs to manage operations and business process efficiently and monitor their performance. The rising adoption of innovative network infrastructures, such as cloud services, Software-defined Networking (SDN), Network Function Virtualization (NFV), IP networks, fixed and mobile broadband networks, and mobility is streamlining business operations. To support and



automate the infrastructure, companies are cloud OSS BSS solutions.

"The Analytics and Assurance segment is expected to grow with the highest CAGR during the forecast period"

In the cloud OSS BSS market by OSS Solutions, the analytics and assurance segment is expected to record the highest CAGR during the forecast period. Analytics and assurance solutions are an innovative, intelligent suite based on artificial intelligence, machine learning, and big data. They provide various algorithms for predictive analysis and information gathering solutions to detect and resolve network issues. The need to use 5G services efficiently in day-to-day operations and improve service quality is expected to surge the demand for analytics and assurance solutions in this market.

"The Managed Service segment to record the highest CAGR during the forecast period"

In the cloud OSS BSS market by Service, managed service segment is expected to grow with the highest CAGR during forecast period. Managed services, focused on critical business issues, current requirements, and future growth opportunities, are majorly implemented by the telecom industry to enhance their service and business efficiency. This is expected to propel the demand for best-in-class services in this market. The need to increase efficiency and profitability offered by managed services is expected to boost their adoption in this market. These services help service providers in delivering a high level of customer experience and allow them to focus on new business verticals to stay hyper-competitive in the market.

"Hybrid Cloud segment expected to have a higher growth rate during the forecast period"

By Cloud type, hybrid cloud segment is expected to lead the market during the forecast period. The hybrid cloud deployment model offers greater control, reduced risk, cost efficiency, and better performance. Additionally, it also provides usage-friendly, versatile, and cost-effective features of public cloud and the greater control and security of private cloud. Hybrid cloud allows enterprises to move their mission-critical data to private cloud without compromising on security and the non-sensitive data to public cloud. The need for a highly scalable, flexible, and more secured solution is fulfilled by hybrid cloud. These combined capabilities are largely attracting new customers to adopt this type of cloud in this market.



"Asia Pacific is expected to have a higher growth rate during the forecast period"

Asia Pacific is expected to record the highest CAGR during the forecast period. Asia Pacific consists of many developing and developed economies. The region has been segmented into China, India, Japan, and the rest of Asia Pacific. Some developed countries in the region are rapidly adopting new technologies, while some developing countries require a significant amount of time to catch up with the developed countries. The region demonstrates a combination of high growth, developing economies, and increasing adoption of mobile and the internet. The enormous population in the region has led to an extensive pool of subscriber base for telecom companies, vast and diverse geographies, and a large subscriber base. China is the biggest marketplace in Asia Pacific for the development of smart cities. The region is expected to provide significant growth opportunities over the next five years.

By Company Type: Tier 1 - 34%, Tier 2 - 43%, and Tier 3 - 23%

By Designation: C-level – 35%, Directors – 25%, and Others – 40%

By Region: North America –45%, Europe –20%, APAC – 30%, ROW -5%

The report covers the competitive landscape and profiles major market players, including Amdocs (US), Ericsson (Sweden), Huawei (China), Netcracker (US), Oracle (US), HPE (US), Optiva (Canada), Nokia (Finland), CSG (US), ZTE (China), Comarch (Finland), Subex (India), STL (India), TEOCO (US), IBM (US), InfoVista (US), Comviva (India), Cerillion (UK), Tecnotree (Finland), Whale Cloud (China), Bill Perfect (US), Telgoo5 (US), NMSWorks Software (India), Wavelo (US), ChikPea (US), LiveAction (US), Kentik (US), Knot Solutions (India), Hughes (US) and Mavenir (US). These players have adopted several organic and inorganic growth strategies, including new product launches, partnerships and collaborations, and acquisitions, to expand their offerings and market shares in the global cloud OSS BSS market.

Research coverage:

The market study covers the cloud OSS BSS market across different segments. It aims at estimating the market size and the growth potential of this market across different segments based on component (Solutions and Services), solution (OSS and BSS), service (professional and managed Services), Cloud Type (Public, Private, and Hybrid), operator Type (mobile and fixed), organization size (large and SMEs), and region (North



America, Europe, Asia Pacific, Middle East and Africa, Latin America). The study also includes an in-depth competitive analysis of the key market players, along with their company profiles, key observations related to product and business offerings, recent developments, and key market strategies.

Key benefits of buying the report

The report is expected to help the market leaders/new entrants in this market by providing them information on the closest approximations of the revenue numbers for the overall cloud OSS BSS market and its segments. This report is also expected to help stakeholders understand the competitive landscape and gain insights to improve the position of their businesses and to plan suitable go-to-market strategies. The report also aims at helping stakeholders understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.



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*Details on Business overview, Products/Solutions/Services offered, Recent



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