

South & Central America Active Network Management Market Forecast to 2031 - Regional Analysis - by Component (Software and Services), Industry (Energy and Utilities, Transportation, Oil and Gas, Manufacturing, and Others), Application (Grid Asset Management, Real-Time Monitoring, and Automation), and Organization Size (Small and Medium Enterprises and Large Enterprises)

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Abstracts

The South & Central America active network management market was valued at US\$ 58.08 million in 2023 and is expected to reach US\$ 155.69 million by 2031; it is estimated to register at a CAGR of 13.1% from 2023 to 2031.

Surging Number of Smart City Initiatives Fuels South & Central America Active Network Management Market

As urbanization accelerates, governments and organizations are increasingly investing in smart city initiatives to enhance sustainability, efficiency, and quality of life. Smart cities leverage advanced technologies to optimize urban services, including transportation, energy, waste management, and public safety. These projects require a robust and interconnected network infrastructure to enable seamless communication between devices, systems, and stakeholders. Active network management systems excel in managing the intricate web of sensors, meters, grids, and other smart city components, ensuring efficient energy distribution, grid stability, and reliable service delivery. Furthermore, active network management plays a crucial role in ensuring the smooth operation of the above-mentioned complex networks, making them vital for the

smart city infrastructure. The increasing number of smart city initiatives drives the demand for active network management solutions, thereby favoring the market.

South & Central America Active Network Management Market Overview

The South & Central America active network management market is experiencing significant growth owing to the surge in demand for smart city projects across the globe. As urbanization accelerates, governments and organizations are increasingly investing in smart city initiatives to enhance sustainability, efficiency, and quality of life. Active network management plays a crucial role in ensuring the smooth operation of these complex energy networks, making it a vital component of the smart city infrastructure. Smart cities leverage advanced technologies to optimize urban services, including transportation, energy, waste management, and public safety. These projects require a robust and interconnected network infrastructure to enable seamless communication between devices, systems, and stakeholders. Active network management systems excel in managing the intricate web of sensors, meters, grids, and other smart city components, ensuring efficient energy distribution, grid stability, and reliable service delivery.

The South America market is divided into three regions: Brazil, Argentina, and the Rest of SAM. Brazil's electricity infrastructure is widely recognized as one of the most environmentally friendly in the world, and the country is committed to further supporting renewable energy initiatives. As per the International Trade Administration, Brazil ranked seventh in terms of electricity generation capacity globally in December 2023. Notably, the Brazilian electricity matrix relies heavily on renewable energy sources, which account for an impressive 83% share, significantly surpassing the global average of ~25%. The growth of the renewable energy sector in Brazil has been driven by substantial private investments over the years. Consequently, the increasing adoption of renewable sources such as solar and wind power has created a demand for active network management solutions. Active network management plays a crucial role in seamlessly integrating these variable energy sources into the power grid by dynamically managing energy flows.

South & Central America Active Network Management Market Revenue and Forecast to 2031 (US\$ Million)

South & Central America Active Network Management Market Segmentation

The South & Central America active network management market is segmented based on component, industry, application, organization size, and country.

Based on component, the South & Central America active network management market is bifurcated into software and services. The software segment held a larger share in 2023.

In terms of industry, the South & Central America active network management market is segmented into energy & utilities, transportation, oil & gas, manufacturing, and others. The energy & utilities segment held the largest share in 2023.

By application, the South & Central America active network management market is segmented into grid asset management, real-time monitoring, and automation. The grid asset management segment held the largest share in 2023.

In terms of organization size, the South & Central America active network management market is bifurcated into small & medium enterprises and large enterprises. The large enterprises segment held a larger share in 2023.

Based on country, the South & Central America active network management market is categorized into Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the South & Central America active network management market in 2023.

ABB Ltd, Cisco Systems Inc, International Business Machines Corp, Oracle Corp, Siemens AG, and ZIV Automation are some of the leading companies operating in the South & Central America active network management market.

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