

South America Mission Critical Communication Market Forecast to 2028 - COVID-19 Impact and Regional Analysis By Component (Hardware, Software, and Services), Technology [Land Mobile Radio (LMR) and Long-Term Evolution (LTE)], and Vertical (Public Safety and Government Agencies, Transportation, Energy and Utilities, Mining, and Others)

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Report description:

The mission critical communication market in South America is expected to grow from US\$ 614.00 million in 2022 to US\$ 813.46 million by 2028; it is estimated to grow at a CAGR of 4.8% from 2022 to 2028.

Traditionally, mission critical communication systems were in use to communicate only general information and commands in public safety and government agencies, transportation infrastructure, and energy & utility sectors. With the integration of advanced technologies, including IoT, biometrics, and drone technology, the efficiency of mission critical communication systems has increased considerably. The modern MCX systems aid in advanced information communications with the help of video analytics and sensors. Countries in SAM are leveraging the changing perspective of mission critical communications. Moreover, high-capacity radio, 5G-supported radio, software-defined networking, automation, virtualization, network slicing, proximity communication, and positioning are capable of prioritizing communication and ensuring secure data transfer for boosting mission critical communications. Features such as video streaming, exchange of real-time information, solutions to evolve existing LMR networks to advanced LTE/5G networks, identifying threats with artificial intelligence, deploying cloud solutions for remote operations, public networks with mission-critical enhancement, development of LTE coupled with existing technology like Wi-Fi and new radio access technologies including 5G NR and narrowband IoT are coming into picture which are projected to propel the scope of mission critical communication

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South America Mission Critical Communication Market Segmentation

The South America mission critical communication market is segmented on the basis of component, technology, vertical, and country. Based on component, the market is segmented into hardware, software, and services. In 2022, the hardware segment is estimated to dominate the market. The market for mission critical communication hardware is further segmented into command and control centers, routers and gateways, and distribution management systems. In 2022, the distribution management system segment is expected to dominate the market for hardware. Based on technology, the South America mission critical communication market is categorized into land mobile radio (LMR) and long-term evolution. In 2022, the long-term evolution segment is likely to lead the market. Based on vertical, the South America mission critical communication market is segmented into public safety and government agencies, transportation, energy and utilities, mining, and others. In 2022, the public safety and government agencies segment is expected to dominate the market. The South America mission critical communication market, based on country, is segmented into Brazil, Argentina, and the rest of South America. In 2022, Brazil dominated the market.

Key players dominating the South America mission critical communication market are Huawei Technologies Co. Ltd.; Hytera Communication Corporation Limited; Motorola Solutions, Inc.; Nokia Corporation; Tassta GmbH; and Telefonaktiebolaget LM Ericsson.

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