

South America Communications Interface Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Product (1-Port, 2-Port, and Others), Mode of Communication (Wired and Wireless & Hybrid), and Application (Industrial Networking, Battery Monitoring System, Remote Sensors Communication, Railway Signalling System, Machine to Machine Communication, and Others)

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AVAILABLE LICENSES:

- Single User Price \$3000.00
- Site Price \$4000.00
- Enterprise Price \$5000.00

Report description:

The SAM communications interface market is expected to grow from US\$ 289.82 million in 2022 to US\$ 438.38 million by 2028. It is estimated to grow at a CAGR of 7.1% from 2022 to 2028.

Increasing Development of Robots is Fueling the SAM Communications Interface Market

The continuously growing demand for industrial automation systems across the region has influenced robot manufacturers to raise their investments in developing new and innovative products. For instance, In September 2022, Fanuc Corporation announced the launch of new FANUC SCARA robots for food and cleanroom applications. The FANUC SR-3iA/C and SR-6iA/C are fast and precise SCARA robots. Further, in September 2022, ABB Ltd launched flexible mobile robots. These robots are designed to carry out tasks such as trolley transportation of up to 5,350 lbs (2000 kg); towing; and lifting and transportation of containers, racks, and pallets of 4,000 lbs (1,500 kg). The rising development of new and advanced robots is increasing the demand for robot components such as control systems, manipulators, locomotive devices, PLCs, and DCS. Thus, the increasing demand for feedback devices like PLCs is driving the need for communication interfaces, thereby contributing to the market's growth.

SAM Communications Interface Market Overview

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The SAM communications interface market is segmented into Brazil, Argentina, and the Rest of SAM. Brazil was the largest contributor to the regional market in 2021. The rapidly growing manufacturing industry across the country, coupled with the rising deployment of several Industry 4.0 solutions, is driving the growth of the market. Global firms from automotive, food & beverages, and other industries have established manufacturing plants across the region. Nestle integrated rotos in their Brazil factory to automate production processes. These factors are increasing the demand for automated solutions, including robots, IoT devices, and smart devices, which is surging the need for communication interface devices from the PLC and DCS manufacturers present in the region. The global semiconductor and robotic manufacturers are investing in establishing their manufacturing plants in South American countries, including Brazil and Argentina. In May 2019, ABB Ltd announced an investment of US\$ 9 million to set up its new factory in Argentina. The factory is manufacturing products such as OVR-3, OVR-15/27/38, and GridShield reclosers; AutoLink electronic sectionalizers; VBF switches; and UniPack-G compact secondary substations. It also has dedicated production units for DCS and robots. Thus, the rising production of DCS and robots across the region directly influences the demand for communication interfaces positively, thereby contributing to the growth of the SAM communication interface market.

SAM Communications Interface Market Revenue and Forecast to 2028 (US\$ Million)

SAM Communications Interface Market Segmentation

The SAM communications interface market is segmented into product, mode of communication, application, and country. Based on product, the market is segmented into 1-Port, 2-Port, and others segment. The 2-Port segment registered the largest market share in 2022.

Based on mode of communication, the SAM communications interface market is segmented into wired and wireless & hybrid. The wired segment registered a larger market share in 2022.

Based on application, the SAM communications interface market is segmented into industrial networking, battery monitoring system, remote sensors communication, railway signalling system, machine to machine communication, and others. the remote sensors communication segment registered the largest market share in 2022.

Based on country, the SAM communications interface market is segmented into Brazil, Argentina, and the Rest of SAM. Brazil dominated the market share in 2022.

ABB Ltd, Eaton Corp Plc, Honeywell International Inc, NXP Semiconductors NV, OMRON Corp, Parker Hannifin Corp, PR Electronics AS, Rockwell Automation Inc, and Socomec Holding SA are the leading companies operating in the SAM communications interface market.

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