

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

Report description:

The North America communications interface market is expected to grow from US\$ 1,612.17 million in 2022 to US\$ 2,610.93 million by 2028. It is estimated to grow at a CAGR of 8.4% from 2022 to 2028.

Increasing Development of Robots is Driving North America 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 North America communications interface market growth.

North America Communications Interface Market Overview

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The communication interface market in North America is segmented into the US, Canada, and Mexico. The increasing adoption of technologies across industries and growing awareness regarding its benefits among small & medium factories across the region are driving the adoption of automation. North America has become a pioneer in adopting advanced technologies over the last decade. The increasing adoption of automation in the North American industrial sector is reducing manufacturing and assembling time and overall year-on-year operation costs. In North America, the increasing adoption of robots across industries such as plastic & rubber, automotive, food & consumer goods, and metals is directly impacting the demand for Distributed Control System (DCS) and Programmable Logic Controllers (PLC). PLCs and DCS are integrated into robots for constant processing and monitoring of information received by robots in devices or sensors. It then enables the robot to function as per the task orders. Communication interface forms and integral part of PLCs and DCS for processing of received information and transferring the same for desired output. Thus, the rising demand for PLCs and DCS is bolstering the demand for communication interfaces across North America. Gauging Systems Inc, Honeywell International Inc, Parker Hannifin Corp, and Rockwell Automation Inc are a few communication interface market players in North America. The market players have a wide product offering and a strong distribution network, which is propelling the North America communications interface market growth.

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

North America Communications Interface Market Segmentation

The North America 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 North America communications interface market is segmented into wired and wireless & hybrid. The wired segment registered a larger market share in 2022. Based on application, the North America 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 North America communications interface market is segmented into the US, Canada, and Mexico. The US dominated the market share in 2022. ABB Ltd, Eaton Corp Plc, Gauging Systems Inc, 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 North America communications interface market.

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