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South & Central America Industrial Automation Market Forecast to 2030 - Regional Analysis - by Component (Hardware and Software), System (Supervisory Control and Data Acquisition, Distributed Control System, Programmable Logic Control, and Other), and End User (Oil & Gas, Automotive, Food & Beverages, Chemical & Materials, Aerospace & Defense, and Others)

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Abstracts

The South & Central America industrial automation market is expected to grow from US$ 2,790.50 million in 2022 to US$ 4,388.27 million by 2030. It is estimated to grow at a CAGR of 5.8% from 2022 to 2030.

Integration of Robotics in the Construction Industry Fuels South & Central America Industrial Automation Market

Construction is one of the most manual-intensive industries, with physical labor being the primary source of productivity. Robots do not yet play a substantial role in any stage of a building's lifecycle, whether it be new commercial construction, refurbishment, or deconstruction. However, with rising automation across all industries, the global construction sector is also experiencing a surge in investment in automated solutions, such as robots.

Several types of robots are being extensively adopted across the construction industry are 3D printing, demolition, and remote-controlled or autonomous vehicles. Since automation across the construction industry is in a very nascent stage, it is expected to propel over the coming years, thereby supporting the market. Due to these opportunities across the sector, several companies have invested heavily in developing advanced construction robots. These factors further fuel the adoption of robots across the

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construction industry, which is expected to contribute to the market's growth over the forecast period.

South & Central America Industrial Automation Market Overview

In SAM, the manufacturing sector is growing rapidly, and companies in this sector are increasingly adopting automation technologies to improve productivity, efficiency, and product quality. SAM is one of the fastest-growing adopters of Industry 4.0 technologies. The rise in Industry 4.0, or the fourth industrial revolution, is attributed to the use of artificial intelligence, robotics, big data analytics, and other advanced technologies in manufacturing.

Additionally, governments of various countries in SAM are providing support to boost the adoption of automation technologies through subsidies, tax breaks, and other incentives. The e-commerce sector is growing rapidly in SAM, and this is creating a demand for automation technologies in the logistics and warehousing sectors.

A few of the key players operating in the market include ABB, Siemens, Schneider Electric, Rockwell Automation, and Omron. These companies are innovating and developing new products and solutions to meet the rising demand for automation in SAM.

South & Central America Industrial Automation Market Revenue and Forecast to 2030 (US$ Billion)

South & Central America Industrial Automation Market Segmentation

The South & Central America industrial automation market is segmented into component, system, end user, and country.

Based on component, the South & Central America industrial automation market is segmented into hardware and software. The hardware segment held a larger share of the South & Central America industrial automation market in 2022. The hardware is further sub segmented into motors and drives, robots, sensors, machine vision systems, and others.

Based on system, the South & Central America industrial automation market is segmented into supervisory control and data acquisition, distributed control system, programmable logic control, and other. The distributed control system segment held the largest share of the South & Central America industrial automation market in 2022.

Based on end user, the South & Central America industrial automation market is segmented into oil & gas, automotive, food & beverage, chemical & materials, aerospace & defense, and others. The automotive segment held the largest share of the South & Central America industrial automation market in 2022.

Based on country, the South & Central America industrial automation market is segmented int o Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the South & Central America industrial automation market in 2022.

ABB Ltd, Bosch Rexroth AG, Emerson Electric Co, Hitachi Ltd, Honeywell International

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Inc, Mitsubishi Electric Corp, OMRON Corp, Rockwell Automation Inc, Schneider Electric SE, and Siemens AG are some of the leading companies operating in the South & Central America industrial automation market.

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