Latin America Factory Automation And Industrial Controls - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

Market Report | 2024-02-17 | 174 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License $4750.00
- Team License (1-7 Users) $5250.00
- Site License $6500.00
- Corporate License $8750.00

Report description:

The Latin American factory automation and industrial controls market was valued at USD 16.13 billion the previous year and is expected to register a CAGR of 7.54%, reaching USD 24.71 billion over the forecast period.

Key Highlights
-Factory automation and control solutions facilitate the automation of entire manufacturing/production facilities by designing and building fully integrated intelligent control systems, including robots, sensors, industrial equipment, computers, and advanced data processing solutions.
-Some prominent factors driving the market include growing demand for the adoption of the Internet of Things (IoT) and Machine-to-Machine Technologies. Also, incremental technological advancement, coupled with a sustained increase in the development of manufacturing facilities, is expected to impact the market growth rate during the forecast period.
-Factory automation can aid manufacturing organizations in decreasing costs by eliminating waste, reducing errors, and enhancing efficiency. By automating routine tasks, manufacturers can save time and lessen the cost of labor-intensive manual processes. Due to automation, manufacturers can make better use of their resources. Automated systems can handle tasks like material handling, inventory management, etc., reducing the need for employees to complete these tasks manually. This can free up resources like labor, time, and equipment for other more critical tasks. Also, by avoiding overstocking or stockouts, factories can reduce carrying costs, inventory holding costs, and the risk of obsolete inventory.
-The increasing adoption of IoT in Latin America can be attributed to various factors like rapid digitalization, technological advancements, government initiatives, policies, and investments aimed at promoting digital transformation and Industry 4.0.
-The lack of skilled workforce in Latin America can be attributed to several factors. Inadequate access to quality education and training programs hinders the development of a skilled workforce. Limited resources, an outdated curriculum, and a lack of emphasis on practical skills contribute to a shortage of skilled professionals in the region. This is expected to hinder the market's

growth.
-The COVID-19 pandemic forced manufacturing industries to re-evaluate their traditional production processes, primarily driving digital transformation and smart manufacturing practices across production lines. Manufacturers must also devise and implement multiple new and agile approaches to monitor product and quality control.

Latin America Factory Automation And Industrial Controls Market Trends

Automotive End User Industry Segment is Expected to Hold Significant Market Share

- Smart factory offers the automotive industry options to react faster to market requirements, enhance the efficiency of supply chains, reduce manufacturing downtimes, and expand productivity.
- The automotive industry is a primary sector with significant automated manufacturing facilities. It is followed that the production facilities of various automakers are automated to maintain accuracy and efficiency. Further, the increasing trend of replacing conventional vehicles with electric vehicles (EVs) is expected to augment the automotive industry's demand.
- Automobile manufacturers, such as Hyundai and General Motors, collaborate directly with additive manufacturers on the technology's application. Virtual and augmented reality is also used to address manufacturing difficulties, such as machine failure, occupational injuries, and technical shutdown. Like many other industries, the auto industry wants to make the most of Industry 4.0, where "connected" machines communicate with one another and human operators to deliver workplace safety and productivity benefits. As a result, the rising need for automation in the vehicle industry affects automakers' attitudes about worker safety, resulting in a spike in the studied market.
- According to the National Association of Motor Vehicle Manufacturers, Brazil's passenger car production has rebounded after the dramatic decline in 2020. As of 2022, about 1.8 million units of passenger cars were manufactured in Brazil. In comparison to 2021, this represented an increase of nearly seven percent. Further, in 2022, the Brazilian automotive industry exported approximately USD 6.6 billion worth of motor vehicles. Meanwhile, over USD 8 billion worth of auto parts were exported that same year.
- According to the National Institute of Statistics and Geography (Spanish: Instituto Nacional de Estadistica y Geografia (INEGI)), the number of light vehicles produced in Mexico amounted to nearly 2.8 million in 2022, representing an increase of around 10 percent compared to the production volume reported a year earlier. The increase in automotive production in the region is likely to offer lucrative opportunities for the growth of the studied market.

Brazil is Expected to Hold Significant Market Share

- Brazil is a highly developed manufacturing nation in Latin America and the second-largest exporter of appliances and electrical goods, following Mexico. As per the Organization for Economic Co-operation and Development (OECD), the manufacturing industry's value-added contribution to Brazil's gross domestic product increased by 0.9% (+8.81%) since the previous year, 2021. Consequently, the Brazilian manufacturing industry share reached a pinnacle in 2022, accounting for 11.12%. Therefore, it is anticipated that the market is expected to experience growth due to the prevalent use of automated processes and systems in manufacturing factories and industries.
- The implementation of robots in the transformation of industrial automation is currently in progress in Brazil, a country with significant potential for automation. As per IFR, the Brazilian automotive industry is the foremost adopter of industrial robots, with 47% of operational robots and 22% of new installations in 2021. This capability enables the automotive industry to maintain its position as one of the most significant users of robots and possess one of the most automated supply chains globally.
- Furthermore, the increasing production and consumption of oil and gas in the country will likely offer lucrative opportunities for

the growth of the studied market. For instance, according to the Brazilian National Agency for Petroleum, Natural Gas and Biofuels (ANP), in 2022, offshore production represented about 97 percent of Brazil's crude oil output, amounting to more than 1.07 billion barrels. Natural gas production in Brazil has more than doubled in one decade, reaching over 50 billion cubic meters in 2022. In comparison to 2021, this represents an increase of three percent. Brazil's natural gas production is primarily concentrated offshore.
- Moreover, massive shifts in manufacturing due to Industry 4.0 and the acceptance of IoT require enterprises to adopt agile, smarter, and innovative ways to advance production, with technologies that complement and augment human labor with automation and reduce industrial accidents caused by process failure.
- To that extent, in September 2022, Nestle and Ericsson collaborated on smart factories in Brazil to promote 5G technology in Brazil, using the Ericsson Private 5G solution, which enables fast data processing. Nestle, a food and beverage giant, utilizes 5G technology to advance with everything that Industry 4.0 offers. Embratel developed the private 5G network in So Paulo, while Ericsson supplied the manufacturing equipment.

Latin America Factory Automation And Industrial Controls Industry Overview

The Latin America factory automation and industrial controls market exhibits significant fragmentation, featuring prominent players like Rockwell Automation Inc., Honeywell International Inc., General Electric Company, ABB Limited, and Dassault Systemes SE. These key industry participants employ strategic approaches, including partnerships and acquisitions, to bolster their product portfolios and establish a sustainable competitive edge.

In July 2023, ABB demonstrated its commitment to addressing the digital connectivity challenges faced by today's oil and gas industry by expanding its XIO series of remote input/output controllers. The enhanced XIO series introduces a novel Ethernet-to-Serial passthrough application, enabling real-time monitoring and control. This innovation not only improves data accessibility but also enhances data integrity, providing customers with an expanded array of solutions.

Furthermore, in May 2023, Rockwell Automation, Inc. announced a strategic partnership with Avid Solutions Inc., aimed at optimizing the efficiency and speed of Green Hydrogen (H2) production for businesses. Avid Solutions, as a solutions partner, brings its expertise in processes and digitally enabled solutions for industrial producers to the table, offering comprehensive Green H2 solutions encompassing electrolyzers, H2 liquefaction, and turn-key plant automation services. Notably, Avid holds the esteemed position of a Gold System Integrator partner within Rockwell Automation's Partner Network program, signifying their extensive knowledge of Rockwell Automation's product portfolio.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

Latin America Factory Automation And Industrial Controls - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

Market Report | 2024-02-17 | 174 pages | Mordor Intelligence

To place an Order with Scotts International:

- - Print this form
- - Complete the relevant blank fields and sign
- - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	$4750.00
	Team License (1-7 Users)	$5250.00
	Site License	$6500.00
	Corporate License	$8750.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	
		Date	2026-03-05
		Signature