

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

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 into 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

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.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. SOUTH & CENTRAL AMERICA INDUSTRIAL AUTOMATION MARKET LANDSCAPE

- 4.1 Overview
- 4.2 South & Central America PEST Analysis
- 4.3 Ecosystem Analysis
 - 4.3.1 List of Vendors in the Value Chain:

5. SOUTH & CENTRAL AMERICA INDUSTRIAL AUTOMATION MARKET - KEY INDUSTRY DYNAMICS

- 5.1 Drivers
 - 5.1.1 Rising Uptake of Automation across Food & Beverage Industry
 - 5.1.2 Increase in Machine Vision Systems Adoption for Industrial Automation
- 5.2 Market Restraints
 - 5.2.1 Requirement of High Initial Investment
- 5.3 Market Opportunities
 - 5.3.1 Integration of Robotics in the Construction Industry
- 5.4 Future Trends
 - 5.4.1 Surging Demand for Automation in the E-commerce Industry
- 5.5 Impact of Drivers and Restraints:

6. INDUSTRIAL AUTOMATION MARKET - SOUTH & CENTRAL AMERICA MARKET ANALYSIS

6.1 South & Central America Industrial Automation Market Overview

6.2 South & Central America Industrial Automation Market Revenue (US\$ Billion), 2022 – 2030

6.3 South & Central America Industrial Automation Market Forecast and Analysis

7. SOUTH & CENTRAL AMERICA INDUSTRIAL AUTOMATION MARKET ANALYSIS - COMPONENT

7.1 Hardware

7.1.1 Overview

7.1.2 Hardware: South & Central America Industrial Automation Market – Revenue and Forecasts To 2030 (US\$ Billion)

7.1.3 Motors and Drives

7.1.3.1 Overview

7.1.4 Robots

7.1.4.1 Overview

7.1.5 Sensors

7.1.5.1 Overview

7.1.6 Machine Vision Systems

7.1.6.1 Overview

7.1.7 Others

7.1.7.1 Overview

7.2 Software

7.2.1 Overview

7.2.2 Software: South & Central America Industrial Automation Market – Revenue and Forecasts To 2030 (US\$ Billion)

8. SOUTH & CENTRAL AMERICA INDUSTRIAL AUTOMATION MARKET ANALYSIS - SYSTEM

8.1 Supervisory Control and Data Acquisition

8.1.1 Overview

8.1.2 Supervisory Control and Data Acquisition: South & Central America Industrial Automation Market – Revenue and Forecasts To 2030 (US\$ Billion)

8.2 Distributed Control System

8.2.1 Overview

8.2.2 Distributed Control System: South & Central America Industrial Automation Market – Revenue and Forecasts To 2030 (US\$ Billion)

8.3 Programmable Logic Control

8.3.1 Overview

8.3.2 Programmable Logic Control: South & Central America Industrial Automation Market – Revenue and Forecasts To 2030 (US\$ Billion)

8.4 Others

8.4.1 Overview

8.4.2 Others: South & Central America Industrial Automation Market – Revenue and Forecasts To 2030 (US\$ Billion)

9. SOUTH & CENTRAL AMERICA INDUSTRIAL AUTOMATION MARKET ANALYSIS – END USER

9.1 Automotive

9.1.1 Overview

9.1.2 Automotive: South & Central America Industrial Automation Market – Revenue and Forecasts To 2030 (US\$ Billion)

9.2 Oil and Gas

9.2.1 Overview

9.2.2 Oil and Gas: South & Central America Industrial Automation Market – Revenue and Forecasts To 2030 (US\$ Billion)

9.3 Food and Beverage

9.3.1 Overview

9.3.2 Food and Beverage: South & Central America Industrial Automation Market – Revenue and Forecasts To 2030 (US\$ Billion)

9.4 Chemicals and Materials

9.4.1 Overview

9.4.2 Chemicals and Materials: South & Central America Industrial Automation Market – Revenue and Forecasts To 2030 (US\$ Billion)

9.5 Aerospace and Defense

9.5.1 Overview

9.5.2 Aerospace and Defense: South & Central America Industrial Automation Market – Revenue and Forecasts To 2030 (US\$ Billion)

9.6 Others

9.6.1 Overview

9.6.2 Others: South & Central America Industrial Automation Market – Revenue and Forecasts To 2030 (US\$ Billion)

10. SOUTH & CENTRAL AMERICA INDUSTRIAL AUTOMATION MARKET - COUNTRY ANALYSIS

10.1 South & Central America Industrial Automation Market Overview

10.1.1 South & Central America Industrial Automation Market Revenue and Forecasts and Analysis - By Countries

10.1.1.1 Brazil: South & Central America Industrial Automation Market Revenue and Forecasts to 2030 (US\$ Mn)

10.1.1.1.1 Brazil: South & Central America Industrial Automation Market Breakdown by Component

10.1.1.1.2 Brazil: South & Central America Industrial Automation Market Breakdown by System

10.1.1.1.3 Brazil: South & Central America Industrial Automation Market Breakdown by End User

10.1.1.2 Argentina: South & Central America Industrial Automation Market Revenue and Forecasts to 2030 (US\$ Mn)

10.1.1.2.1 Argentina: South & Central America Industrial Automation Market Breakdown by Component

10.1.1.2.2 Argentina: South & Central America Industrial Automation Market Breakdown by System

10.1.1.2.3 Argentina: South & Central America Industrial Automation Market Breakdown by End User

10.1.1.3 Rest of South & Central America: South & Central America Industrial Automation Market Revenue and Forecasts to 2030 (US\$ Mn)

10.1.1.3.1 Rest of South & Central America: South & Central America Industrial Automation Market Breakdown by Component

10.1.1.3.2 Rest of South & Central America: South & Central America Industrial Automation Market Breakdown by System

10.1.1.3.3 Rest of South & Central America: South & Central America Industrial Automation Market Breakdown by End User

11. INDUSTRY LANDSCAPE

11.1 Overview

11.2 Market Initiative

11.3 Product Development

12. COMPANY PROFILES

12.1 ABB Ltd

- 12.1.1 Key Facts
- 12.1.2 Business Description
- 12.1.3 Products and Services
- 12.1.4 Financial Overview
- 12.1.5 SWOT Analysis
- 12.1.6 Key Developments

12.2 Bosch Rexroth AG

- 12.2.1 Key Facts
- 12.2.2 Business Description
- 12.2.3 Products and Services
- 12.2.4 Financial Overview
- 12.2.5 SWOT Analysis
- 12.2.6 Key Developments

12.3 Emerson Electric Co

- 12.3.1 Key Facts
- 12.3.2 Business Description
- 12.3.3 Products and Services
- 12.3.4 Financial Overview
- 12.3.5 SWOT Analysis
- 12.3.6 Key Developments

12.4 Hitachi Ltd

- 12.4.1 Key Facts
- 12.4.2 Business Description
- 12.4.3 Products and Services
- 12.4.4 Financial Overview
- 12.4.5 SWOT Analysis
- 12.4.6 Key Developments

12.5 Honeywell International Inc

- 12.5.1 Key Facts
- 12.5.2 Business Description
- 12.5.3 Products and Services
- 12.5.4 Financial Overview
- 12.5.5 SWOT Analysis
- 12.5.6 Key Developments

12.6 Mitsubishi Electric Corp

- 12.6.1 Key Facts
- 12.6.2 Business Description

- 12.6.3 Products and Services
- 12.6.4 Financial Overview
- 12.6.5 SWOT Analysis
- 12.6.6 Key Developments
- 12.7 OMRON Corp
 - 12.7.1 Key Facts
 - 12.7.2 Business Description
 - 12.7.3 Products and Services
 - 12.7.4 Financial Overview
 - 12.7.5 SWOT Analysis
 - 12.7.6 Key Developments
- 12.8 Rockwell Automation Inc
 - 12.8.1 Key Facts
 - 12.8.2 Business Description
 - 12.8.3 Products and Services
 - 12.8.4 Financial Overview
 - 12.8.5 SWOT Analysis
 - 12.8.6 Key Developments
- 12.9 Schneider Electric SE
 - 12.9.1 Key Facts
 - 12.9.2 Business Description
 - 12.9.3 Products and Services
 - 12.9.4 Financial Overview
 - 12.9.5 SWOT Analysis
 - 12.9.6 Key Developments
- 12.10 Siemens AG
 - 12.10.1 Key Facts
 - 12.10.2 Business Description
 - 12.10.3 Products and Services
 - 12.10.4 Financial Overview
 - 12.10.5 SWOT Analysis
 - 12.10.6 Key Developments

13. APPENDIX

- 13.1 Word Index

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