

Middle East & Africa Industrial Automation Control Market Size and Forecast (2021 - 2031)

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Abstracts

The Middle East and Africa (MEA) Industrial Automation Control Market is projected to experience substantial growth, with an expected market size of approximately US\$ 17,229.2 million by 2031, up from US\$ 9,120.0 million in 2024. This growth trajectory indicates a compound annual growth rate (CAGR) of 9.6% from 2025 to 2031.

Executive Summary and Market Analysis

The MEA region, which includes economically diverse countries such as South Africa, Saudi Arabia, and the UAE, is on the brink of significant industrial transformation. This growth is primarily driven by increasing industrialization and commercialization, which are propelling the demand for automation technologies across various sectors. While Gulf nations like Saudi Arabia and the UAE are economically advanced, many African countries are still in the process of catching up, presenting a unique landscape for industrial automation.

The region faces several challenges, including harsh environmental conditions, a shortage of skilled labor, and rising labor costs, which hinder the establishment of manufacturing plants. These challenges are prompting industries to adopt robotics and automation solutions to enhance operational efficiency in demanding environments. Middle Eastern countries are actively pursuing advanced automation technologies, while African nations are working to close the technological gap.

Urbanization is rapidly transforming the Middle East, with many countries witnessing significant growth and the development of new urban centers. The MEA region is among the most urbanized globally, positioning itself as a crucial player in the shifting global economy, with cities like Dubai and Abu Dhabi emerging as prominent

international hubs.

Strategic Insights

Market Segmentation Analysis

The Middle East and Africa Industrial Automation Control Market can be segmented based on various criteria:

By System: The market is divided into SCADA (Supervisory Control and Data Acquisition), DCS (Distributed Control Systems), PLC (Programmable Logic Controllers), PLM (Product Lifecycle Management), and others. In 2024, SCADA is expected to hold the largest market share.

By End Users: The market is categorized into Process Industry and Discrete Industry, with the Discrete Industry anticipated to dominate in 2024.

By Process Industry: This segment includes Oil and Gas, Chemical, Pharmaceutical, Food and Beverage, and others, with Oil and Gas expected to lead in market share.

By Discrete Industry: This includes Automotive, Electronics and Semiconductor, Manufacturing, Aerospace and Defense, and others, with the Automotive sector projected to hold the largest share in 2024.

Market Outlook

The rising costs of manufacturing, driven by increasing prices of raw materials, energy, and labor, are influencing the demand for industrial automation control solutions. While some countries have traditionally had lower labor costs, these costs are rising, prompting a shift towards automation to maintain competitiveness. The UAE, in particular, is advocating for industrial automation to address high labor costs and improve production accuracy, aligning with its economic diversification goals.

For instance, DP World has implemented predictive analytics and automated systems at its Jebel Ali Port, enhancing cargo handling efficiency by 25%. This shift towards smart manufacturing not only replaces labor-intensive processes but also ensures the precision necessary for a global trade hub. The demand for high-quality production is

expected to drive the global need for industrial automation control, as industries seek to enhance productivity and throughput while minimizing human error.

Country Insights

The MEA Industrial Automation Control Market is further segmented by country, including South Africa, Saudi Arabia, the UAE, and the Rest of the Middle East and Africa. The UAE is projected to hold the largest market share in 2024.

The UAE's industrial automation control market is thriving, fueled by the country's strategic focus on industrial diversification and technological innovation. As the UAE reduces its reliance on oil and gas, it is expanding into manufacturing and logistics, making industrial automation a priority. The integration of robotics, artificial intelligence (AI), and the Internet of Things (IoT) is transforming traditional industrial processes, leading to improved operational efficiency and cost-effectiveness. The UAE's commitment to enhancing competitiveness, reducing operational costs, and improving safety standards positions its industrial automation control market for sustained growth.

In October 2023, AIQ, a technology leader in AI-driven transformation, partnered with AVEVA, a global industrial software leader, to launch the Neuron5 autonomous operations project. This collaboration aims to implement autonomous operations across various industrial assets, reducing downtime and enhancing asset availability while minimizing manual control operations.

Company Profiles

Key players in the Middle East and Africa Industrial Automation Control Market include ABB Ltd, Emerson Electric Co, Honeywell International Inc, Rockwell Automation Inc, Siemens AG, OMRON Corp, Yokogawa Electric Corp, Hitachi Ltd, Mitsubishi Electric Corp, Bosch Rexroth AG, Kawasaki Heavy Industries Ltd, and GE Vernova Inc. These companies are employing strategies such as expansion, product innovation, and mergers and acquisitions to enhance their market presence and deliver innovative solutions to consumers.

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