

Middle East & Africa Industrial Networking Solution Market Report (2021-2031) by Scope, Segmentation, Dynamics, and Competitive Analysis

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Abstracts

The industrial networking solution market in the Middle East and Africa is projected to grow significantly, reaching approximately US\$ 5,145.20 million by 2031, up from US\$ 1,424.93 million in 2023. This growth represents a compound annual growth rate (CAGR) of 17.4% from 2023 to 2031.

Executive Summary and Market Analysis

The Middle East is characterized by a highly dynamic online environment, driven by a burgeoning economy and rapid digitization. However, this growth has also attracted malicious actors, leading to increased vulnerabilities in information security across the region. Cyber threats, particularly ransomware attacks, have surged, with operational technology (OT) systems becoming prime targets. These attacks can result in severe disruptions to operations, production tools, and overall output, prompting a heightened demand for industrial networking solutions.

Recent incidents underscore the urgency of this issue. For example, in December 2023, telecom organizations in Africa were targeted by hackers linked to Iran, and in June 2022, a major Iranian steel company was forced to halt production due to a cyberattack. A report by Group-IB highlighted that the UAE (33%), Saudi Arabia (29%), and Kuwait (21%) were the most frequently targeted nations in the Persian Gulf region. In 2023 alone, there were 152 new instances of data breaches in the Middle East and Africa, further emphasizing the need for robust industrial networking solutions to combat these threats.

Market Segmentation Analysis

The industrial networking solution market is segmented by components, deployment methods, connectivity types, and end-use industries:

- Components: The market is divided into hardware, software, and services, with hardware holding the largest market share in 2023.
- Deployment: Solutions are categorized into on-premise and cloud deployments, with on-premise solutions dominating the market.
- Connectivity: The market is split between wired and wireless connectivity, where wired solutions have a larger share.
- End-Use Industries: Key sectors include automotive, banking, financial services, insurance (BFSI), manufacturing, telecommunications, logistics, and transportation, with manufacturing leading the market in 2023.

Market Outlook

The integration of Industrial Internet of Things (IIoT) devices and sensors is significantly influencing the industrial networking solutions market. This integration necessitates advanced networking technologies that can support the connectivity and data exchange needs of IIoT devices. As industries increasingly adopt IIoT, there is a growing demand for enhanced cybersecurity measures, efficient cloud computing, reliable edge computing infrastructure, and seamless mobile technology integration.

In response to these trends, companies like RS Components have partnered with HMS Networks to broaden their product offerings, aiming to meet the evolving demands of the industrial sector. This collaboration focuses on providing a comprehensive suite of networking solutions that facilitate the integration of IIoT devices and sensors, thereby creating a more efficient networking ecosystem.

Country Insights

The industrial networking solution market in the Middle East and Africa includes key countries such as Saudi Arabia, the UAE, South Africa, and others. Saudi Arabia is currently the largest market player in the region. The country is experiencing rapid growth in the Industrial IoT sector, with a focus on developing cloud-based solutions that enhance security and operational intelligence across various sectors, including government, enterprise, transport, and community services.

The COVID-19 pandemic has prompted Saudi manufacturing industries to reassess traditional production methods, leading to a shift towards smart manufacturing practices.

This transition has positively impacted the demand for factory automation and industrial control systems. With increasing government investments in new technologies, Saudi Arabia is poised to remain a leader in the MEA industrial networking solutions market.

Company Profiles

Key players in the industrial networking solution market include ABB Ltd, Belden Inc, Cisco Systems Inc, Hewlett Packard Enterprise Development LP, Huawei Technologies Co Ltd, Moxa Inc., Nokia Corp, Rockwell Automation Inc, Semtech Corp, and Siemens AG. These companies are employing various strategies, including expansion, product innovation, and mergers and acquisitions, to enhance their product offerings and increase market share.

Reason to buy

Save and reduce time carrying out entry-level research by identifying the growth, size, leading players, and segments in the Middle East & Africa industrial networking solution market.

Highlights key business priorities in order to assist companies to realign their business strategies.

The key findings and recommendations highlight crucial progressive industry trends in Middle East & Africa industrial networking solution market, thereby allowing players across the value chain to develop effective long-term strategies.

Develop/modify business expansion plans by using substantial growth offering developed and emerging markets.

Scrutinize in-depth Middle East & Africa market trends and outlook coupled with the factors driving the industrial networking solution market, as well as those hindering it.

Enhance the decision-making process by understanding the strategies that underpin security interest with respect to client products, segmentation, pricing, and distribution.

Companies

ABB Ltd

Belden Inc

Cisco Systems Inc

Hewlett Packard Enterprise Development LP

Huawei Technologies Co Ltd

Moxa Inc.

Nokia Corp

Rockwell Automation Inc

Semtech Corp

Siemens AG

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