

North America SCADA Market Share, Price, Trends, Growth, Analysis, Key Players, Outlook, Report, Forecast 2024-2032

North America SCADA Market Size To Grow At A CAGR Of 5.80% In The Forecast Period Of 2024-2032.

30 NORTH GOULD STREET, SHERIDAN , WYOMING, UNITED STATES, November 14, 2023 /EINPresswire.com/ -- North America SCADA Market Outlook

According to a new report by Expert Market Research titled, "[North America SCADA Market Size](#), Share, Growth, Analysis, Report and Forecast 2024-2032", North America SCADA market is

projected to grow at a CAGR of 5.80% between 2024 and 2032. Aided by rising demand for automation and adoption of industry 4.0, the market is expected to grow significantly by 2032.

SCADA is an industrial automation control system that operates at the core of many modern industries, including energy, manufacturing, power, water and waste treatment, and transportation. By providing centralised control and real-time data acquisition, SCADA systems enhance efficiency, productivity, and reliability in these sectors. Its inherent flexibility allows for its use in a variety of applications ranging from simple data logging to complex control tasks.

One of the primary drivers bolstering the North America SCADA market growth is the region's increasing shift towards digital transformation. As industries recognise the necessity for efficient data management and advanced automation, the reliance on SCADA systems has grown exponentially. The emphasis on sustainable energy and the subsequent boom in the renewable energy sector further fuels this demand, as SCADA systems play an integral role in monitoring and managing energy grids and renewable energy installations.

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Another compelling factor propelling the North America SCADA market demand is the



burgeoning demand in the water and wastewater management sectors. With the growing challenges related to water scarcity and the need for efficient waste management, industries and municipalities are increasingly turning to SCADA systems to optimise their operations. This ensures not only efficient water supply but also meticulous monitoring of water quality and timely maintenance of distribution systems.

In the transportation sector, SCADA is instrumental in streamlining operations, especially in railway and airport management. As per the North America SCADA market analysis, the heightened emphasis on safety, combined with the need for timely data to ensure efficient operations, has spotlighted the value of SCADA systems. As the continent's infrastructure continues to expand, with significant investments in smart cities and integrated transport systems, the SCADA market is expected to gain more popularity.

Further, the surge in cyber threats and the increasing importance of cybersecurity have underlined the significance of SCADA systems in North America. Modern SCADA systems incorporate advanced cybersecurity measures, ensuring data integrity and protection against potential breaches. This not only preserves the sanctity of the data but also ensures uninterrupted industrial operations.

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Moreover, advancements in Internet of Things (IoT) have integrated seamlessly with SCADA systems. This convergence has led to the development of smarter, more efficient systems that offer remote monitoring, predictive maintenance, and enhanced data analytics. As industries in North America move towards Industry 4.0, the combination of IoT and SCADA is likely to play a pivotal role, driving the North America SCADA market expansion.

North America SCADA Market Segmentation

The market can be divided based on component, offering, end use, and country.

Market Breakup by Component

- Programmable Logic Controller (PLC)
- Remote Terminal Units (RTU)
- Human Machine Interface (HMI)
- Communication Systems
- Others

Market Breakup by Offering

- Hardware
- Software

Services

Market Breakup by End Use

Oil and Gas

Power

Water and Wastewater

Manufacturing

Chemicals and Petrochemicals

Pharmaceuticals

Others

Market Breakup by Country

United States of America

Canada

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the North America SCADA market. Some of the major players explored in the report by Expert Market Research are as follows:

ABB Ltd.

Emerson Electric Co

Rockwell Automation, Inc.

Siemens AG

General Electric Company

Schneider Electric SA

Mitsubishi Electric Corporation

Others

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