

# Distributed Control Systems Market Size (USD 23,108 Million) Driven by Enhanced Focus on Industrial Automation by 2028

*Distributed Control Systems Market is Growing at a CAGR of 5.4% by 2028*

NEW YORK, UNITED STATES, January 24, 2023 /EINPresswire.com/ -- DCS (Distributed control systems) comprise controllers, sensors, and associated computers that are distributed across a different application area in an industrial set-up. All elements of the systems are intended to serve the purpose of process control, graphical display, data acquisition, and data storage. To improve control reliability and overall performance, DCS are developed with diagnostic and redundancy capabilities. They are primarily used to direct all complicated production processes in large manufacturing plants. To maintain acceptable performance in a dynamic era of technological revolution, control over sophisticated processes is required, and as a result, industrial automation systems need to be paired with modern automation control technologies. DCS are the most frequent options for automating processes in a controlled manner. With increased access to a broader range of processes to command, plant safety increases. DCS automates the production process by combining advanced control strategies and arranging everything into a single automation system with various subsystems that are all connected by a correct information flow and command structure. DCS find applications in the power generation, oil & gas, pharmaceuticals, food & beverages, and chemicals industries, among others.

Get Sample Report at <https://www.theinsightpartners.com/sample/TIPRE00006986>

## Strategic Insights:

The players operating in the [distributed control systems market](#) adopt strategies such as mergers, acquisitions, and market initiatives to maintain their positions in the market. A few developments by key players are listed below:

- In May 2021, GE Renewable Energy and Toshiba Energy Systems and Solutions Corporation have signed a strategic partnership agreement to localize critical phases of GE's Haliade-X offshore wind turbine manufacturing process and support its commercialization in the country.
- In April 2020, Yokogawa Electric Corporation completed the acquisition of all shares of Fluid Imaging Technologies, Inc. With Fluid Imaging Technologies as a member of the Yokogawa Group, Yokogawa will be able to expand the portfolio of cell observation solutions offered by its life innovation business.

Rapid Industrialization and Enhanced Focus on Industrial Automation Fuels the Growth of

## Distributed Control Systems Market

The manufacturing sector in North America has witnessed rapid growth in recent times due to huge investments gathered from the governments of the US, Canada, and Mexico. The purchasing managers index (PMI) of the North American manufacturing reached 62.1 in June 2021. The robust PMI in the region indicates strong rebound in the manufacturing sector, significant progress in the emerging industrial sector in Mexico, and rising prices of commodities in different countries. The manufacturing industries are projected to adopt advanced technology to continue with their streak of expansion and productivity improvement. Moreover, based on cost, quality, service, and time-to-market, various product manufacturers are facing severe rivalry from their competitors. They are also facing significant hurdles in maintaining a perfect balance between product demand and supply. As a result, they tend to focus on their core capabilities. As the functionality of equipment such as industrial robots increases, non-automotive industries are projected to accelerate their usage of industrial automation. These figures are encouraging for manufacturers since they show that there is still a lot of room for adoption to grow. Low penetration is projected to accelerate significant growth during the forecast period, as long as the government provides significant support to the manufacturers. Distributed control systems enable remote monitoring of activities and ensure enhanced efficiencies with scaled up productivity in manufacturing plants. The increasing adoption of automation in the manufacturing sector is propelling the demand for integration of DCS, further driving the market growth.

The manufacturing sector in North America has witnessed rapid growth in recent times due to huge investments gathered from the governments of the US, Canada, and Mexico. The purchasing managers index (PMI) of the North American manufacturing reached 62.1 in June 2021. The robust PMI in the region indicates strong rebound in the manufacturing sector, significant progress in the emerging industrial sector in Mexico, and rising prices of commodities in different countries. The manufacturing industries are projected to adopt advanced technology to continue with their streak of expansion and productivity improvement. Moreover, on the basis of cost, quality, service, and time-to-market, various product manufacturers are facing severe rivalry from their competitors. They are also facing significant hurdles in maintaining a perfect balance between product demand and supply. As a result, they tend to focus on their core capabilities. As the functionality of equipment such as industrial robots increases, non-automotive industries are projected to accelerate their usage of industrial automation. These figures are encouraging for manufacturers since they show that there is still a lot of room for adoption to grow. Low penetration is projected to accelerate significant growth during the forecast period, as long as the government provides significant support to the manufacturers. Distributed control systems enable remote monitoring of activities and ensure enhanced efficiencies with scaled up productivity in manufacturing plants. The increasing adoption of automation in the manufacturing sector is propelling the demand for integration of DCS, further driving the market growth.

Purchase Complete Report at <https://www.theinsightpartners.com/buy/TIPRE00006986>

Sameer Joshi

The Insight Partners

+ +91 96661 11581

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/613057064>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.