

Global Industrial Automation Embedded Solutions Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Industrial Automation Embedded Solutions market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Embedded systems are often used in industrial settings for automation and control of factory systems and machinery. Embedded systems are used in larger systems to perform specific tasks, such as controlling motors and valves, assembly-line speed, adjusting temperatures and other variables, and managing networking equipment. The overall purpose of embedded systems for automation and control is to control processes in order to maximize the performance and efficiency of the overall process. Also, its purpose is to produce the best product possible, all while operating reliably and optimally in challenging environments.

Typically, embedded systems for automation and control are made from the same components that go into consumer-grade desktop computers. These components include the CPU, GPU, chipset, storage, and I/O ports. That said, there is one vital difference between components that are used in regular desktop PCs and those used in industrial embedded systems. The components in industrial embedded systems have been tested and validated to operate reliably in challenging environments. However, the components in regular computers are not capable of performing properly in challenging industrial environments. Ultimately, the entire package allows embedded computer systems to communicate with machines, devices, and other equipment located in industrial settings, as well as allow such devices to communicate with the cloud via the internet.

This report studies the global Industrial Automation Embedded Solutions demand, key

companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Industrial Automation Embedded Solutions, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Industrial Automation Embedded Solutions that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Industrial Automation Embedded Solutions total market, 2018-2029, (USD Million)

Global Industrial Automation Embedded Solutions total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Industrial Automation Embedded Solutions total market, key domestic companies and share, (USD Million)

Global Industrial Automation Embedded Solutions revenue by player and market share 2018-2023, (USD Million)

Global Industrial Automation Embedded Solutions total market by Type, CAGR, 2018-2029, (USD Million)

Global Industrial Automation Embedded Solutions total market by Application, CAGR, 2018-2029, (USD Million).

This reports profiles major players in the global Industrial Automation Embedded Solutions market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Premio Inc, VERSALOGIC CORP, Utthunga, STRATON AUTOMATION, Advantech, WinSystems, VersaLogic, Beckhoff and Siemens (Mentor Graphics), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices

used in analyzing the World Industrial Automation Embedded Solutions market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Industrial Automation Embedded Solutions Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Industrial Automation Embedded Solutions Market, Segmentation by Type

Cloud Based

On-Premise

Global Industrial Automation Embedded Solutions Market, Segmentation by Application

Smart Factories And Manufacturing

Agricultural Automation & Irrigation

Surface & Underground Mining

Oil & Gas Production

Companies Profiled:

Premio Inc

VERSALOGIC CORP

Utthunga

STRATON AUTOMATION

Advantech

WinSystems

VersaLogic

Beckhoff

Siemens (Mentor Graphics)

AMD

Renesas Electronics

STMicroelectronics

NXP Semiconductors

Texas Instruments, Inc.

Xilinx

Altera

Infineon Technologies

Intel Corporation

Fujitsu Limited

Atmel

ARM Limited

Kontron

Analog Devices

Key Questions Answered

1. How big is the global Industrial Automation Embedded Solutions market?
2. What is the demand of the global Industrial Automation Embedded Solutions market?
3. What is the year over year growth of the global Industrial Automation Embedded Solutions market?
4. What is the total value of the global Industrial Automation Embedded Solutions market?
5. Who are the major players in the global Industrial Automation Embedded Solutions market?
6. What are the growth factors driving the market demand?

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