Industrial Control and Factory Automation Market by Technology (SCADA, PLC & RTU, DCS, MES, HMI, and Safety), Component (Industrial Robot, MACHINE Vision, Valve, Control Device, and Field Instrument), Industry, & Geography - Global Forecast to 2020

Description:
The industrial control and factory automation has applications in various process and discrete industries. The technology's major application is in the automotive & transportation vertical and this trend is expected to continue during the forecast period. The industrial control and factory automation market is expected to grow from USD 135.38 billion in 2014 to USD 202.42 billion by 2020 at a CAGR of 6.73% during the forecast period (2015-2020).

MARKET SEGMENTS AND ASPECTS COVERED:

Market, by Technology:
The industrial control and factory automation market based on technology, is segmented into SCADA, PLC & RTU, DCS, MES, PLM, HMI, and safety.

Market, by Component:
On the basis of component, the industrial control and factory automation market is segmented into industrial networks, industrial robots, machine vision, control valves, control devices, field instruments, enclosures, and cables.

Market, by Industry:
On the basis of industry, the industrial control and factory automation market is segmented into process industry and discrete industry.
The process industry includes sectors such as oil & gas, chemical, paper & pulp, pharmaceuticals, mining & metals, food & beverages, electric power generation, petrochemicals & fertilizers, water and wastewater management and others. Others in process industries include refining, and cement & glass.

The discrete industry sectors comprise machine manufacturing, automotive & transportation, electrical and electronics, aerospace & defense and others. Others in the discrete industry include fabricated metals, furniture & wood products, printing, and plastic & rubber.
In the process industry, pharmaceuticals, electric power generation, and food & beverages are the fastest growing sectors in terms of automation. The market in APAC is expected to grow at the highest rate during the forecast period.

Some of the major players are Siemens AG (Germany), ABB Ltd. (Switzerland), Rockwell Automation (U.S.), Schneider Electric (France), Emerson Electric Corporation (U.S.), Mitsubishi Electric (Japan), Yokogawa (Japan), General Electric (U.S.), and Johnson Controls (U.S.), among others.

This report caters to the needs of leading operators, contractors, and service providers in the industrial control and factory automation market. Other parties that could benefit from the report include government bodies, environmental agencies, consulting firms, business development executives, C-level employees and VPs. This report will help analyze new opportunities and potential revenue sources and enhance the decision making process for new business strategies. The quantitative and qualitative information in the report along with the comprehensive analysis will help players stay competitive in the market.

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