
Description: Factory automation is the use of different control systems, software and other technologies for automation of the factory. Several electrical and mechanical parts play a major role in the automation systems and products of factories. Linear shafts, bushings, switches, sensors, bearing units, gears, motors, V-belts, solenoid valves are some of the main mechanical components of the overall 100 parts covered in the report. The complete ecosystem spanning several key manufacturers of the parts, distributors has been analysed to give an in-depth understanding of the market landscape.

Some of the factors which are driving the factory automation market include the growing need for better quality products with increased production rates and also to reduce the labor costs. The day to day technological advancements are helping the manufacturing process and other such tasks perform a lot faster and cost effective. The use of these technologies increases productivity, quality, almost negates wastage, faster interaction with different departments within the company and other such perks.

The challenges for this market are reduced security and high installation and maintenance costs. The biggest market for this industry exists in China which is the primary hub of global manufacturing industry. The scaling back of investments in Asian countries by OEMs also increases the need for various key products, systems and components as new factory establishments, expansion plans are executed in the next few years in the US and Europe.

The global industrial and factory Automation equipment and services market is slated to grow at 7.05% CAGR for the next five years. The market is estimated to reach $283.2bn by 2018. Control systems have the largest market in factories with M2M interaction making the process completely automated. Sensors help in differentiating, error control and production management.

Innovative products and services are gradually capturing the Industrial Automation market. Companies such as Sick AG are offering better miniature sensors to which are affordable and productive. Siemens who already have strong market in Asia are increasing production due to demand for automation in emerging countries like India.

The report is segmented based on product types, end use verticals and geographic regions. The market share analysis, strategies and future opportunities are also discussed in the report. The service market has been aiding the market in earning significant revenues apart from the hardware and software sales, with an augmented segment of the end-users, preferring the maintenance and outsourcing services instead of the in-house purchase and the subsequent maintenance.

This report on the top 100 mechanical components in global Factory Automation Market identifies many such insights, market share analysis and M&A opportunities, besides providing a detailed analysis of the key players, distributors and growth rate of the market.

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-More than 40 Companies are profiled in this Research Report, Complete List available on Request-
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