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Smart Factory - Global Market Outlook (2017-2026)

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Abstracts

According to Stratistics MRC, the Global Smart Factory Market is accounted for $140 billion in 2017 and is expected to reach $378 billion by 2026 growing at a CAGR of 11.7% during the forecast period. Increasing Demand for Industrial Robots, rising Emphasis on Real-Time Data Analysis, Enhanced Visibility & Predictive Maintenance and the advancement of the Internet of Things (IoT) are some of the factors impelling the market growth. However, the risk associated with security of cyber-physical system and requirement of a significant amount of capital investments is curbing the market.

The smart factory is a paradigm shift from traditional automation to a fully allied and flexible system that enables organizations to digitally plan and project the entire lifecycle of products and production facilities. A smart factory can integrate data from system-wide physical, operational and human assets to drive manufacturing, maintenance, and inventory tracking.

On the basis of product, Industrial Robots segment holds the major growth during the forecast period due to implementing industrial robotics in smart manufacturing processes can improve productivity, reduce human errors and enhance production volume.

By geography, North America holds the largest market share during the forecast period due to advancements in next-generation technologies in the U.S. & Canada, rising R&D in the field of Internet of Things (IoT) for new & enhanced technologies and growing demand for a better lifestyle.

Some of the key players profiled in the Smart Factor Market include Siemens AG, ABB, Schneider Electric, Honeywell International Inc, Atos SE, Cognex Corporation, Emerson Electric Company, Oracle Corporation, Cisco Systems, Inc., FANUC, Yokogawa Electric, General Electric, Omron, IBM, and Wipro Limited.

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Products Covered:

- Industrial 3D Printing
- Sensors
- Machine Vision
- Industrial Robots
- Communication Technologies
- Control Devices

Technologies Covered:

- Human–Machine Interface (HMI)
- Programmable Logic Controller (PLC)
- Enterprise Resource Planning (ERP)
- Product Life Cycle Management (PLM)
- Plant Asset Management (PAM)
- Distributed Control System (DCS)
- Supervisory Control and Data Acquisition (SCADA)
- Manufacturing Execution System (MES)

End Users Covered:

- Aerospace & Defense

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- Oil & Gas
- Automotive
- Metals and Mining
- Food & Beverage
- Chemical & Petrochemical
- Semiconductors and Electronics
- Pharmaceutical
- Other End Users

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK
  - Italy
  - France
  - Spain

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- Rest of Europe
- Asia Pacific
  - Japan
  - China
  - India
  - Australia
  - New Zealand
  - South Korea
  - Rest of Asia Pacific
- South America
  - Argentina
  - Brazil
  - Chile
  - Rest of South America
- Middle East & Africa
  - Saudi Arabia
  - UAE
  - Qatar
  - South Africa
  - Rest of Middle East & Africa

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What our report offers:

- Market share assessments for the regional and country level segments
- Strategic recommendations for the new entrants
- Market forecasts for a minimum of 9 years of all the mentioned segments, and the regional markets
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

- Company Profiling
  - Comprehensive profiling of additional market players (up to 3)
  - SWOT Analysis of key players (up to 3)
- Regional Segmentation

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Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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