

# Smart Factory Industry Research Report 2024

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## Abstracts

Smart Factory is the advanced factory that has cyber-physical systems where materials can be moved efficiently across the factory floor. This advanced system has integrated computing codes that provides automation solution.

Within the modular structured smart factories, cyber-physical systems monitor physical processes, create a virtual copy of the physical world and make decentralized decisions. Over the Internet of Things, cyber-physical systems communicate and cooperate with each other and with humans in real time, and via the Internet of Services, both internal and cross-organizational services are offered and used by participants of the value chain.

According to APO Research, The global Smart Factory market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Global Smart Factory key players include Siemens AG, ABB Ltd., Yokogawa Electric Corp., General Electric Company, Honeywell International, Inc., etc. Global top five manufacturers hold a share nearly 25%.

North America is the largest market, with a share about 25%, followed by China, and Europe, both have a share about 45 percent.

In terms of product, Process Manufacturing is the largest segment, with a share nearly 45%. And in terms of application, the largest application is Oil and Gas, followed by Automobile and transportation, Chemical and material, Food and beverage, etc.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Smart Factory, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Smart Factory.

The report will help the Smart Factory manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Smart Factory market size, estimations, and forecasts are provided in terms of sales volume (Unit System) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Smart Factory market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Siemens AG

ABB Ltd.

Honeywell International, Inc.

Yokogawa Electric Corp.

General Electric Company

Emerson Electric Company

Schnieder Electric

Atos SE

Rockwell Automation Inc.

Robert Bosch GmbH

#### Smart Factory segment by Type

Process Manufacturing

Discrete Manufacturing

Others

#### Smart Factory segment by Application

Automobile and transportation

Food and beverage

Electrical and electronics

Chemical and material

Oil and Gas

Others

## Smart Factory Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Smart Factory market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Smart Factory and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Smart Factory.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Smart Factory manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Smart Factory by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Smart Factory in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

## Contents

### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Smart Factory by Type
  - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.2.2 Process Manufacturing
  - 2.2.3 Discrete Manufacturing
  - 2.2.4 Others
- 2.3 Smart Factory by Application
  - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.3.2 Automobile and transportation
  - 2.3.3 Food and beverage
  - 2.3.4 Electrical and electronics
  - 2.3.5 Chemical and material
  - 2.3.6 Oil and Gas
  - 2.3.7 Others
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Smart Factory Production Value Estimates and Forecasts (2019-2030)
  - 2.4.2 Global Smart Factory Production Capacity Estimates and Forecasts (2019-2030)
  - 2.4.3 Global Smart Factory Production Estimates and Forecasts (2019-2030)
  - 2.4.4 Global Smart Factory Market Average Price (2019-2030)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Smart Factory Production by Manufacturers (2019-2024)
- 3.2 Global Smart Factory Production Value by Manufacturers (2019-2024)



- 3.3 Global Smart Factory Average Price by Manufacturers (2019-2024)
- 3.4 Global Smart Factory Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Smart Factory Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Smart Factory Manufacturers, Product Type & Application
- 3.7 Global Smart Factory Manufacturers, Date of Enter into This Industry
- 3.8 Global Smart Factory Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

## **4 MANUFACTURERS PROFILED**

### 4.1 Siemens AG

- 4.1.1 Siemens AG Smart Factory Company Information
- 4.1.2 Siemens AG Smart Factory Business Overview
- 4.1.3 Siemens AG Smart Factory Production, Value and Gross Margin (2019-2024)
- 4.1.4 Siemens AG Product Portfolio
- 4.1.5 Siemens AG Recent Developments

### 4.2 ABB Ltd.

- 4.2.1 ABB Ltd. Smart Factory Company Information
- 4.2.2 ABB Ltd. Smart Factory Business Overview
- 4.2.3 ABB Ltd. Smart Factory Production, Value and Gross Margin (2019-2024)
- 4.2.4 ABB Ltd. Product Portfolio
- 4.2.5 ABB Ltd. Recent Developments

### 4.3 Honeywell International, Inc.

- 4.3.1 Honeywell International, Inc. Smart Factory Company Information
- 4.3.2 Honeywell International, Inc. Smart Factory Business Overview
- 4.3.3 Honeywell International, Inc. Smart Factory Production, Value and Gross Margin (2019-2024)
- 4.3.4 Honeywell International, Inc. Product Portfolio
- 4.3.5 Honeywell International, Inc. Recent Developments

### 4.4 Yokogawa Electric Corp.

- 4.4.1 Yokogawa Electric Corp. Smart Factory Company Information
- 4.4.2 Yokogawa Electric Corp. Smart Factory Business Overview
- 4.4.3 Yokogawa Electric Corp. Smart Factory Production, Value and Gross Margin (2019-2024)
- 4.4.4 Yokogawa Electric Corp. Product Portfolio
- 4.4.5 Yokogawa Electric Corp. Recent Developments

### 4.5 General Electric Company

- 4.5.1 General Electric Company Smart Factory Company Information
- 4.5.2 General Electric Company Smart Factory Business Overview

4.5.3 General Electric Company Smart Factory Production, Value and Gross Margin (2019-2024)

4.5.4 General Electric Company Product Portfolio

4.5.5 General Electric Company Recent Developments

4.6 Emerson Electric Company

4.6.1 Emerson Electric Company Smart Factory Company Information

4.6.2 Emerson Electric Company Smart Factory Business Overview

4.6.3 Emerson Electric Company Smart Factory Production, Value and Gross Margin (2019-2024)

4.6.4 Emerson Electric Company Product Portfolio

4.6.5 Emerson Electric Company Recent Developments

4.7 Schnieder Electric

4.7.1 Schnieder Electric Smart Factory Company Information

4.7.2 Schnieder Electric Smart Factory Business Overview

4.7.3 Schnieder Electric Smart Factory Production, Value and Gross Margin (2019-2024)

4.7.4 Schnieder Electric Product Portfolio

4.7.5 Schnieder Electric Recent Developments

4.8 Atos SE

4.8.1 Atos SE Smart Factory Company Information

4.8.2 Atos SE Smart Factory Business Overview

4.8.3 Atos SE Smart Factory Production, Value and Gross Margin (2019-2024)

4.8.4 Atos SE Product Portfolio

4.8.5 Atos SE Recent Developments

4.9 Rockwell Automation Inc.

4.9.1 Rockwell Automation Inc. Smart Factory Company Information

4.9.2 Rockwell Automation Inc. Smart Factory Business Overview

4.9.3 Rockwell Automation Inc. Smart Factory Production, Value and Gross Margin (2019-2024)

4.9.4 Rockwell Automation Inc. Product Portfolio

4.9.5 Rockwell Automation Inc. Recent Developments

4.10 Robert Bosch GmbH

4.10.1 Robert Bosch GmbH Smart Factory Company Information

4.10.2 Robert Bosch GmbH Smart Factory Business Overview

4.10.3 Robert Bosch GmbH Smart Factory Production, Value and Gross Margin (2019-2024)

4.10.4 Robert Bosch GmbH Product Portfolio

4.10.5 Robert Bosch GmbH Recent Developments

## **5 GLOBAL SMART FACTORY PRODUCTION BY REGION**

5.1 Global Smart Factory Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

5.2 Global Smart Factory Production by Region: 2019-2030

5.2.1 Global Smart Factory Production by Region: 2019-2024

5.2.2 Global Smart Factory Production Forecast by Region (2025-2030)

5.3 Global Smart Factory Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

5.4 Global Smart Factory Production Value by Region: 2019-2030

5.4.1 Global Smart Factory Production Value by Region: 2019-2024

5.4.2 Global Smart Factory Production Value Forecast by Region (2025-2030)

5.5 Global Smart Factory Market Price Analysis by Region (2019-2024)

5.6 Global Smart Factory Production and Value, YOY Growth

5.6.1 North America Smart Factory Production Value Estimates and Forecasts (2019-2030)

5.6.2 Europe Smart Factory Production Value Estimates and Forecasts (2019-2030)

5.6.3 China Smart Factory Production Value Estimates and Forecasts (2019-2030)

5.6.4 Japan Smart Factory Production Value Estimates and Forecasts (2019-2030)

## **6 GLOBAL SMART FACTORY CONSUMPTION BY REGION**

6.1 Global Smart Factory Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

6.2 Global Smart Factory Consumption by Region (2019-2030)

6.2.1 Global Smart Factory Consumption by Region: 2019-2030

6.2.2 Global Smart Factory Forecasted Consumption by Region (2025-2030)

6.3 North America

6.3.1 North America Smart Factory Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.3.2 North America Smart Factory Consumption by Country (2019-2030)

6.3.3 U.S.

6.3.4 Canada

6.4 Europe

6.4.1 Europe Smart Factory Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.4.2 Europe Smart Factory Consumption by Country (2019-2030)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Smart Factory Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific Smart Factory Consumption by Country (2019-2030)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Smart Factory Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa Smart Factory Consumption by Country (2019-2030)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

## **7 SEGMENT BY TYPE**

7.1 Global Smart Factory Production by Type (2019-2030)

7.1.1 Global Smart Factory Production by Type (2019-2030) & (Unit System)

7.1.2 Global Smart Factory Production Market Share by Type (2019-2030)

7.2 Global Smart Factory Production Value by Type (2019-2030)

7.2.1 Global Smart Factory Production Value by Type (2019-2030) & (US\$ Million)

7.2.2 Global Smart Factory Production Value Market Share by Type (2019-2030)

7.3 Global Smart Factory Price by Type (2019-2030)

## **8 SEGMENT BY APPLICATION**

8.1 Global Smart Factory Production by Application (2019-2030)

8.1.1 Global Smart Factory Production by Application (2019-2030) & (Unit System)

8.1.2 Global Smart Factory Production by Application (2019-2030) & (Unit System)

## 8.2 Global Smart Factory Production Value by Application (2019-2030)

8.2.1 Global Smart Factory Production Value by Application (2019-2030) & (US\$ Million)

8.2.2 Global Smart Factory Production Value Market Share by Application (2019-2030)

## 8.3 Global Smart Factory Price by Application (2019-2030)

# 9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

## 9.1 Smart Factory Value Chain Analysis

9.1.1 Smart Factory Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Smart Factory Production Mode & Process

## 9.2 Smart Factory Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Smart Factory Distributors

9.2.3 Smart Factory Customers

# 10 GLOBAL SMART FACTORY ANALYZING MARKET DYNAMICS

10.1 Smart Factory Industry Trends

10.2 Smart Factory Industry Drivers

10.3 Smart Factory Industry Opportunities and Challenges

10.4 Smart Factory Industry Restraints

# 11 REPORT CONCLUSION

# 12 DISCLAIMER

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