

Global Smart Manufacturing Technology Intelligence 2026 – Strategic Analysis of Technology Landscape, Innovation Trends, R&D Activities, Technology Roadmap, and Future Outlook

<https://marketpublishers.com/r/S1C8A4E655D2EN.html>

Date: September 2026

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: S1C8A4E655D2EN

Abstracts

The Global Smart Manufacturing Technology Intelligence report provides comprehensive strategic insights into the global smart manufacturing technology landscape by analyzing technology evolution, innovation trends, research and development activities, technology roadmaps, manufacturing automation advancements, and emerging smart manufacturing technologies. The report is designed to support technology leaders, R&D organizations, manufacturing enterprises, automation technology providers, investors, and policymakers in understanding future technology directions and identifying opportunities for innovation and commercialization.

The study evaluates smart manufacturing automation technologies, industrial AI and robotics technologies, connected manufacturing systems, industrial IoT, advanced control systems, intelligent production platforms, predictive analytics, digital manufacturing technologies, and next-generation smart manufacturing solutions. It also assesses the innovation capabilities of leading technology companies, research institutes, universities, startups, and government organizations to provide a comprehensive view of the industry's technology ecosystem.

The report further analyzes technology adoption trends, research collaborations, intellectual property developments, commercialization activities, technology maturity, and strategic initiatives to help organizations benchmark innovation, monitor emerging technologies, and formulate long-term technology strategies.

Key Coverage

Smart manufacturing technology landscape

Smart manufacturing technology evolution and roadmap

Smart manufacturing automation technologies

Industrial AI and robotics technologies

Connected manufacturing systems and industrial IoT

Advanced control and intelligent production technologies

Predictive analytics and digital manufacturing technologies

Emerging smart manufacturing technologies

Research & development trends

Technology maturity and readiness assessment

Technology adoption trends

Technology commercialization landscape

Technology collaborations and partnerships

Patent and intellectual property developments

Future smart manufacturing technology outlook

Target Audience

Chief Technology Officers (CTOs)

Research & Development (R&D) Teams

Smart Manufacturing Technology Developers

Innovation Management Teams

Manufacturing Enterprises

Industrial Automation Providers

Technology Scouting Teams

Product Development Teams

Industrial Technology Companies

Robotics & Automation Companies

Industrial Equipment Manufacturers

Automotive & Aerospace OEMs

Universities & Research Institutions

Government & Research Organizations

Investment & Venture Capital Firms

What This Report Offers

Comprehensive smart manufacturing technology landscape assessment

Technology evolution and roadmap analysis

Smart manufacturing automation technology comparison

Industrial AI and robotics technology analysis

Connected manufacturing and industrial IoT assessment

Advanced control and intelligent production technology analysis

Predictive analytics and digital manufacturing technology analysis

Emerging smart manufacturing technology and innovation tracking

R&D activity and investment assessment

Technology maturity and readiness assessment

Technology adoption and commercialization insights

Research collaboration and partnership intelligence

Patent and intellectual property landscape analysis

Future smart manufacturing technology opportunity assessment

Key Companies Covered (Illustrative)

Siemens AG

ABB Ltd.

Schneider Electric SE

Honeywell International Inc.

Rockwell Automation, Inc.

Emerson Electric Co.

Mitsubishi Electric Corporation

FANUC Corporation

Yokogawa Electric Corporation

Robert Bosch GmbH

General Electric Company

Cisco Systems, Inc.

IBM Corporation

Oracle Corporation

And other leading technology innovators and industry participants.

Contents

1 EXECUTIVE SUMMARY

2 RESEARCH METHODOLOGY

- 2.1 Research Methodology
- 2.2 Research Objectives
- 2.3 Data Sources
- 2.4 Scope of the Study
- 2.5 Assumptions & Limitations

3 INDUSTRY TECHNOLOGY OVERVIEW

- 3.1 Technology Landscape
- 3.2 Technology Evolution
- 3.3 Smart Manufacturing Value Chain
- 3.4 Key Technology Drivers
- 3.5 Technology Challenges
- 3.6 Regulatory Landscape
- 3.7 Innovation Trends

4 TECHNOLOGY LANDSCAPE ANALYSIS

- 4.1 Smart Manufacturing Automation Technologies
- 4.2 Industrial AI & Robotics Technologies
- 4.3 Emerging Smart Manufacturing Technologies
- 4.4 Technology Maturity Assessment
- 4.5 Technology Adoption Trends
- 4.6 Technology Readiness Levels (TRL)

5 INNOVATION BENCHMARKING

- 5.1 Leading Technology Developers
- 5.2 R&D Investments
- 5.3 Technology Portfolio Comparison
- 5.4 Innovation Strategies
- 5.5 Research Collaborations
- 5.6 University & Research Institute Activities

6 TECHNOLOGY DEVELOPMENT INTELLIGENCE

- 6.1 Technology Roadmap
- 6.2 Product Innovations
- 6.3 Commercialization Landscape
- 6.4 Technology Licensing
- 6.5 Industry Standardization
- 6.6 Future Technology Pipeline

7 PATENT & INTELLECTUAL PROPERTY OVERVIEW

- 7.1 Patent Landscape
- 7.2 Patent Filing Trends
- 7.3 Leading Patent Holders
- 7.4 Technology Domains
- 7.5 Innovation Hotspots

8 STRATEGIC DEVELOPMENTS

- 8.1 Partnerships
- 8.2 Joint Ventures
- 8.3 Acquisitions
- 8.4 Government Programs
- 8.5 Research Funding
- 8.6 Future Initiatives

9 REGIONAL TECHNOLOGY ANALYSIS

- 9.1 North America
- 9.2 Europe
- 9.3 China
- 9.4 Japan
- 9.5 South Korea
- 9.6 India
- 9.7 Southeast Asia
- 9.8 Other Regions

10 EMERGING TECHNOLOGIES & STARTUPS

- 10.1 High-Growth Companies
- 10.2 University Spin-offs
- 10.3 Startups by Region
- 10.4 Venture Capital Activity
- 10.5 Unicorn Tracking
- 10.6 Disruptive Technologies

11 FUTURE TECHNOLOGY OUTLOOK

- 11.1 White Space Analysis
- 11.2 Threat Analysis
- 11.3 Opportunity Mapping
- 11.4 Future Leaders
- 11.5 Strategic Recommendations

12 COMPANY PROFILES

- 12.1 Siemens AG
- 12.2 ABB Ltd.
- 12.3 Schneider Electric SE
- 12.4 Honeywell International Inc.
- 12.5 Rockwell Automation, Inc.
- 12.6 Emerson Electric Co.
- 12.7 Mitsubishi Electric Corporation
- 12.8 FANUC Corporation
- 12.9 Yokogawa Electric Corporation
- 12.10 Robert Bosch GmbH
- 12.11 General Electric Company
- 12.12 Cisco Systems, Inc.
- 12.13 IBM Corporation
- 12.14 Oracle Corporation
- 12.15 SAP SE
- 12.16 PTC Inc.
- 12.17 Dassault Systèmes SE
- 12.18 3D Systems, Inc.
- 12.19 Texas Instruments Incorporated
- 12.20 Johnson Controls International plc
- 12.21 NVIDIA Corporation

12.22 Danfoss A/S
12.23 Endress+Hauser Group
12.24 Accenture plc
12.25 Advantech Co., Ltd.

13 LIST OF TABLES

Table 1 Smart Manufacturing Technology Landscape
Table 2 Technology Evolution and Roadmap
Table 3 Smart Manufacturing Technology Portfolio Comparison
Table 4 Technology Maturity Assessment
Table 5 Technology Readiness Level Assessment
Table 6 Leading Technology Developers
Table 7 R&D Investment and Innovation Comparison
Table 8 Emerging Smart Manufacturing Technologies

14 LIST OF FIGURES

Fig 1 Smart Manufacturing Technology Value Chain
Fig 2 Global Smart Manufacturing Technology Ecosystem
Fig 3 Smart Manufacturing Technology Evolution Roadmap
Fig 4 Technology Adoption Trend
Fig 5 Technology Readiness Assessment
Fig 6 Regional Technology Development Landscape
Fig 7 Research Collaboration Network
Fig 8 Emerging Smart Manufacturing Technology Pipeline

I would like to order

Product name: Global Smart Manufacturing Technology Intelligence 2026 – Strategic Analysis of Technology Landscape, Innovation Trends, R&D Activities, Technology Roadmap, and Future Outlook

Product link: <https://marketpublishers.com/r/S1C8A4E655D2EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S1C8A4E655D2EN.html>