

Global Smart Manufacturing Patent Intelligence 2026 – Strategic Analysis of Patent Landscape, Innovation Trends, Intellectual Property, Technology Domains, and Future Outlook

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Abstracts

The Global Smart Manufacturing Patent Intelligence report provides an in-depth analysis of the intellectual property landscape within the global smart manufacturing industry by evaluating patent filing activities, technology innovation trends, patent ownership, research activities, and emerging innovation domains. The report enables organizations to monitor technology leadership, assess competitive intellectual property positions, identify licensing opportunities, and support strategic decisions related to research, product development, and technology commercialization.

The study examines global patent portfolios across industrial automation technologies, Industrial IoT, artificial intelligence and machine learning, digital twin technologies, robotics and autonomous manufacturing, next-generation smart manufacturing technologies, connected manufacturing systems, intelligent production technologies, and advanced industrial technologies. It also analyzes patent filing trends, leading patent holders, technology domains, citation analysis, geographic distribution, and emerging innovators to provide actionable intelligence on the evolving smart manufacturing innovation ecosystem.

The report further highlights patent commercialization opportunities, licensing activities, research collaborations, and future technology directions to help organizations strengthen innovation strategies and intellectual property portfolios.

Key Coverage

Smart manufacturing patent landscape

Patent filing trends

Technology domain analysis

Leading patent holders

Patent portfolio benchmarking

Geographic patent distribution

Citation analysis

Licensing landscape

White-space opportunities

Future patent outlook

Target Audience

Chief Intellectual Property Officers (CIPOs)

Intellectual Property & Patent Teams

Research & Development (R&D) Teams

Smart Manufacturing Technology Developers

Innovation Management Teams

Technology Scouting Teams

Product Development Teams

Industrial Automation Companies

Industrial Technology Suppliers

Manufacturing Companies

Universities & Research Institutions

Government & Research Organizations

Technology Transfer Offices

Investment & Venture Capital Firms

Legal & Licensing Professionals

What This Report Offers

Comprehensive smart manufacturing patent landscape assessment

Patent filing and publication trend analysis

Patent portfolio benchmarking

Leading patent holder and assignee analysis

Smart manufacturing technology domain analysis

Geographic patent distribution assessment

Patent citation and quality analysis

Inventor and innovation activity assessment

Licensing and patent commercialization insights

Freedom-to-operate intelligence

Emerging innovation and white-space opportunity identification

Future intellectual property and technology outlook

Key Companies Covered (Illustrative)

Siemens AG

Rockwell Automation, Inc.

Emerson Electric Co.

Hitachi Ltd.

Mitsubishi Electric Corporation

Honeywell International Inc.

ABB Ltd.

Schneider Electric SE

General Electric Company

Bosch Rexroth AG

FANUC Corporation

Yaskawa Electric Corporation

Omron Corporation

Yokogawa Electric Corporation

And other leading patent holders and industry participants.

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- 12.12 Yaskawa Electric Corporation
- 12.13 Omron Corporation
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