

Smart Machines in Enterprise, Industrial Automation, and IIoT by Technology, Product, Solution, and Industry Verticals 2021 - 2026

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Abstracts

Overview:

This report evaluates the smart machine market ecosystem including technology building blocks, leading company strategies, products and services. The report evaluates various smart machine solutions, products, and services including autonomous robots, expert systems, intelligent assistants, neurocomputers, and wearable devices.

This report also evaluates the hardware, embedded software, and related services for smart machines. The report also assesses the market for smart machines in many industry verticals including aerospace and defense, automotive, banking, consumer electronics, healthcare, industrial automation, cybersecurity, transportation and logistics with forecasts from 2021 through 2026.

Select Research Findings:

The global smart machine market will reach \$29.9 billion by 2026

Asia Pac will lead the smart machines market, research \$11.6 billion by 2026

Cognitive technologies in North America market will reach \$1.43 billion by 2026

Autonomous robots will reach \$9.5 billion globally by 2026, growing a CAGR of 18.6%

Neuro computing solutions for smart machines will reach \$1.8 billion globally by 2026

Smart machines collectively represent intelligent devices, machinery, equipment, and embedded automation software that perform repetitive tasks and solve complex problems autonomously. Along with AI, IoT connectivity, and M2M communications, smart machines are a key component of smart systems, which include many emerging technologies such as smart dust, neurocomputing, and advanced robotics. Mind Commerce sees smart machines benefitting significantly from advancements in the convergence of AI and IoT, also known as the artificial intelligence of things (AIoT).

The drivers for enterprise and industrial adoption of smart machines include improvements in the smart workplace, smart data discovery, cognitive automation, and more. Currently conceived smart machine products include autonomous robots (such as service robots), self-driving vehicles, expert systems (such as medical decision support systems), medical robots, intelligent assistants (such as automated online assistants), virtual private assistants (Siri, Google Assistant, Amazon Alexa, etc.), embedded software systems (such as machine monitoring and control systems), neurocomputers (such as purpose-built intelligent machines), and smart wearable devices.

Target Audience:

Systems Integration Companies

Communications Services Providers

Automation and Robotics Companies

Artificial Intelligence Solution Providers

Industrial Automation Solution Providers

Research and Development Organizations

Companies in Report:

ABB Ltd.

Apple Inc.

Axis Communications AB

BAE Systems

Baidu Inc.

Cisco Systems

Digital Reasoning Systems Inc.

General Electric Co.

Google Inc.

Hewlett Packard Enterprise (HPE)

Honeywell International Inc.

IBM Corporation

KUKA AG

LG Electronics

Microsoft Corporation

Motion Controls Robotics Inc.

Narrative Science Inc.

NVIDIA Corporation

Rethink Robotics

Rockwell Automation Inc.

Samsung Electronics Co Ltd.

SparkCognition Inc.

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