

Global Industrial Artificial Intelligence Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

Industrial artificial intelligence, or industrial AI, usually refers to the application of artificial intelligence to industry. Unlike general artificial intelligence which is a frontier research discipline to build computerized systems that perform tasks requiring human intelligence, industrial AI is more concerned with the application of such technologies to address industrial pain-points for customer value creation, productivity improvement, and insight discovery.

Scope of the Report:

This report studies the Industrial Artificial Intelligence market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Industrial Artificial Intelligence market by product type and applications/end industries.

Artificial intelligence (AI) is just now finding its niche in manufacturing, as the technology matures and costs drop—and as manufacturers discover applications for which AI algorithms can make complex decisions. And as it becomes ubiquitous, the future of artificial intelligence in manufacturing is already becoming feasible in emerging markets; showcasing better sensory capabilities; and, off the factory floor, predicting what will be needed and when.

AI certainly is making robots more capable and easier for humans to collaborate with. But it will have an impact in areas that have nothing to do with robotics. In the supply chain, for example, algorithms can perceive patterns of demand for products across time, geographic markets, and socioeconomic segments while accounting for

macroeconomic cycles, political developments, and even weather patterns. The output can be a projection of market demand, which in turn could drive raw material sourcing, human staffing, financing decisions, inventory, maintenance of equipment, and energy consumption.

The growth of this market is driven by growing usage of big data technology and industrial IoT in the manufacturing industry, extensive usage of robotics, increased in usage of computer vision technology by manufacturing companies, cross-industry partnerships, and significant increase in venture capital investments.

The global Industrial Artificial Intelligence market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Industrial Artificial Intelligence.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Intel Corporation

Siemens AG

IBM Corporation

Alphabet Inc

Microsoft Corporation

Cisco Systems, Inc

General Electric Company

Data RPM, Sight Machine

General Vision, Inc

Rockwell, Automation Inc

Mitsubishi Electric Corporation

Oracle Corporation

SAP SE

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Hardware

Software

Market Segment by Applications, can be divided into

Semiconductor and Electronics

Energy and Power

Pharmaceuticals

Automobile

Heavy Metals and Machine Manufacturing

Food and Beverages

Others (Textiles & Aerospace)

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