

Industrial IoT Market by Device & Technology, Connectivity Type, Software, Vertical (Manufacturing, Energy, Oil & Gas, Healthcare, Retail, Transportation, Metals & Mining, Agriculture), and Geography - Global Forecast to 2026

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Abstracts

The global IIoT market size is expected to grow from USD 76.7 billion in 2021 to USD 106.1 billion by 2025, at a CAGR of 6.7% during the forecast period. The growth of the IIoT sector is driven by factors such as technological advancements in semiconductor and electronic devices, increased use of cloud computing platforms, standardization of IPv6, and support from governments of different countries for R&D activities related to IIoT.

“Networking technology to hold the largest share of the IIoT market in 2026.”

Networking technology is expected to hold the largest share of the IIoT industry by device & technology in 2026. Both wired and wireless technologies are integral for machine-to-machine (M2M) connectivity to gather real-time data from industrial machinery across different geographies.

“Market for manufacturing to hold the largest market share during the forecast period.”

Owing to the increasing adoption of new technologies, such as global positioning systems, remote sensing, and variable rate technology, in precision farming, the IIoT market for the agriculture vertical is expected to grow at the largest CAGR during the forecast period.

“APAC to hold the largest share of the IIoT industry during the forecast period.”

APAC is expected to be the largest market for IIoT during the forecast period. Dense population and growing per capita income, along with large-scale industrialization and urbanization, are some of the major factors driving the growth of the IIoT market in APAC.

Breakdown of profile of primary participants:

By Company Type: Tier 1 = 55%, Tier 2 = 20%, and Tier 3 = 25%

By Designation: C-level Executives = 40%, Directors = 35%, and Others = 25%

By Region: North America = 45%, Europe = 22%, APAC = 33%

The leading players in the industrial IoT market are Huawei (China), Cisco (US), GE (US), Intel (US), Rockwell Automation (US), ABB (Switzerland), Texas Instruments (US), Honeywell (US), IBM (US), KUKA AG (Germany), NEC Corporation (Japan), Bosch.IO (Germany), Siemens AG (Germany), and SAP (Germany).

Research Coverage

The IIoT market has been segmented based on device & technology, software, connectivity, vertical, and geography. The report describes the major drivers, restraints, challenges, and opportunities pertaining to the IIoT industry and forecasts the same till 2026.

Key Benefits of Buying the Report

The report would help leaders/new entrants in this market in the following ways.

1. This report segments the IIoT market comprehensively and provides the closest approximations of the overall market size and that of the subsegments across different industries and regions.
2. The report helps stakeholders understand the pulse of the market and provides them the information on key market drivers, restraints, challenges, and opportunities.
3. This report would help stakeholders understand their competitors better and gain more insights to enhance their positions in the business. The competitive landscape section includes competitor ecosystem, product launches, partnerships/

collaboration/agreements, and mergers & acquisitions carried out in the IIoT market.

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*Details on Business overview, Products offered, Recent Developments, MNM view might not be captured in case of unlisted companies.

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About

This report focuses on the key industry verticals that are adopting the Industrial Internet of Things to increase productivity and improve safety of their employees and machinery. The report provides the market sizes for wired and wireless technologies that are enabling the Industrial IoT market. However, it does not include further breakdown of wireless technology market sizes into cellular networks, satellite communication, WiFi, and others as well as breakdown of wired technology markets into Ethernet and other technologies. In the case of Industrial IoT market by applications, the scope of the report is limited to qualitative data alone.

Industrial Internet of Things (IIoT) also known as Industrial Internet or Industry 4.0 refers to the devices, sensors, and software that enables connectivity between machines. It can also be described as the unification of complex physical machinery with networked sensors and software.

The overall market for IIoT is forecasted to reach \$XX billion by 2020 from \$XX billion in 2013, at a CAGR of XX% from 2014 to 2020.

The growth of Industrial IoT market is primarily triggered by technological advancements in hardware, R&D support from governments across the globe, cloud computing and standardization of IPv6. Predictive maintenance and cloud computing are expected to offer very high growth opportunities for IIoT market. However, factors such as lack of standardization in communication protocols, Big Data, along with security and privacy concerns pose as obstacles and serious threat in the growth of IIoT market.

The global Industrial Internet of Things market segmentation revolves around five major verticals, namely: technology, component, industry vertical, application, and geography. The component segment covers basic components such as sensors, valves and actuators, networking components, memory and processors, energy meters and RFID. Two types of technologies are covered in the report namely wired and wireless. Wireless technology leads the market in 2013, with a market worth \$XX billion that is projected to reach \$XX billion by 2020, at a CAGR of XX% from 2014 to 2020.

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