

Internet of Things Ecosystem and Trends

AN IDC CONTINUOUS INTELLIGENCE SERVICE

The worldwide *Internet of Things Ecosystem and Trends* market continues to see broad interest and momentum, with an expected market size of \$1.2 trillion in 2022. Despite the growth, the Internet of Things (IoT) ecosystem is a complex market, with multiple layers and hundreds of players, including device vendors, communications service providers, IoT platform and analytics vendors, and IT services providers. The IoT is also witnessing the collision of operations technology and information technology groups within enterprises. The *Internet of Things Ecosystem and Trends* service analyzes the growth of this market from the autonomously connected endpoints and its spend potential, and it assesses the devices, platforms, applications, and services that will enable a world of connected "things."

Markets and Subjects Analyzed

- IoT market opportunity for spend and deployments
- IoT platform vendor landscape
- Intersection of IoT and artificial intelligence
- Implications for edge computing on IoT
- Implications of blockchain on specific IoT use cases
- IoT monetization best practices
- Commentary on how the market is organized and the key segments and technologies
- Market maturity and adoption
- Vendor opportunities within each layer of the technology stack
- The coexistence of IT and OT in the Internet of Things
- Decision maker input into buying behaviors, preferences, and technology requirements

Core Research

- WW IoT Spending Forecast
- Annual Global IoT Decision Maker Survey
- IoT Platform Taxonomy
- IoT Platform Forecast and Analysis
- IoT IDC DecisionScapes
- IoT IDC MaturityScape 2.0
- Profiles of Vendors Leading IoT Evolution
- Use Cases of Innovative IoT Implementations

In addition to the insight provided in this service, IDC may conduct research on specific topics or emerging market segments via research offerings that require additional IDC funding and client investment. To learn more about the analysts and published research, please visit: [Internet of Things Ecosystem and Trends](#).

Key Questions Answered

1. What are the size of and forecast for the worldwide and regional markets for the Internet of Things?
2. How is the IoT platform evolving? What type of consolidation do we expect? What is the market size and opportunity for this segment of the market? What vendors are leading this segment?
3. What does the IoT value chain look like? How should vendors position themselves for success within it?
4. What are the key challenges facing customers as they embark on IoT deployments?
5. How is the market maturing as enterprises move beyond proof of concept to scaled deployments?
6. What are IoT solution best practices?

Companies Analyzed

IDC's *Internet of Things Ecosystem and Trends* service reviews the strategies, market positioning, and future direction of several providers, including:

ABB, Aeris, Alcatel-Lucent, Altimetrik, Amazon, AMD, Apple, Arrayent, Arrow Electronics, AT&T, Atos, AWS, Ayla Networks, BlackBerry, Bosch, C3IoT, CA Technologies, China Mobile, Cisco, Cognizant, CSC, Dell Technologies, Emerson, Equinix, Ericsson, Fujitsu, GE, Gemalto, Google, Hewlett Packard Enterprise, Hitachi, Honeywell, HP Inc., Huawei, IBM, Intel, Johnson Controls, Microsoft, NEC, Nokia, Novatel, NTT DOCOMO, Oracle, Orange, PTC, Qualcomm, Red Hat, Riverbed, Rockwell, Rogers, salesforce.com, Samsung, SAP, Schneider Electric, SensorLogic, Siemens, Sierra Wireless, Splunk, Sprint, Symantec, TCS, Tech Data, Telefónica, Telit, T-Mobile, Toshiba, Verizon, VMware, Vodafone, Wipro, and Zebra.