Internet of Things Ecosystem and Trends

AN IDC CONTINUOUS INTELLIGENCE SERVICE

The *Internet of Things Ecosystem and Trends* program focuses on the macro issues affecting the Internet of Things (IoT) market and the evolution of IoT deployments among organizations. From the start, the IoT ecosystem was and still is a complex market with multiple, intersecting layers and hundreds of players, including device vendors, IoT system vendors, IoT software vendors, and service providers. The *Internet of Things Ecosystem and Trends* service analyzes the growth of this market from the devices to the industry-specific applications, and it advises on market maturity and enterprise adoption as well as evolving trends and shifts in the vendor ecosystem in the world of connected "things."

Markets and Subjects Analyzed

- IoT market opportunity for spend and deployments
- Enterprise adoption: Challenges and opportunities
- IoT in the context of OT
- IoT monetization best practices
- Market maturity and adoption
- Vendor opportunities within each layer of the technology stack
- Decision maker input into buying behaviors, preferences, and technology requirements

Core Research

- Worldwide IoT Spending Forecast
- Worldwide IoT Device and Data Forecast
- Worldwide IoT Taxonomy
- IoT Market Glance
- IDC DecisionScapes for IoT
- IDC Industry Perspectives for IoT
- Vendor and Customer Profiles on Innovative IoT Solutions
- Innovative IoT Implementations and Use Cases
- Quarterly Key Announcements and Press Releases

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 current and future sizes for the worldwide and regional IoT markets?
2. How many IoT devices are connected? How much data is being generated by these IoT devices?
3. What does the IoT value chain look like? Who are the different players?
4. What are the key challenges facing customers as they embark on IoT deployments?
5. How is the IoT market maturing? How are enterprises investing in advancing proof of concept into scaled deployments?
6. What are IoT solution deployment best practices?
7. What key industry and vendor announcements are impacting the future evolution of IoT?

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, Altizon, Amazon, AMD, Apple, ARM, Arrow Electronics, Atos, AT&T, AVEVA, Avnet, Ayla Networks, BlackBerry, Bosch, C3 AI, Canonical, China Mobile, Cisco, Cognizant, Dell Technologies, DXC, Emerson, Equinix, Ericsson, Fujitsu, GE, Gemalto, Google, Hewlett Packard Enterprise, Hitachi Vantara, Honeywell, Huawei, IBM, Intel, Johnson Controls, Lexmark, Microsoft, NEC, Nokia, NovAtel, NTT DATA, OMNETRIC, Oracle, Orange, PTC, Qualcomm, Red Hat, Rockwell Automation, Rogers, Salesforce, Samsung, SAP, SAS, Schneider Electric, SensorLogic, Siemens, Sierra Wireless, Software AG, Splunk, TCS, Tech Data, Telefónica, Telit, T-Mobile, Toshiba, Twilio, Verizon, Vodafone, Wipro, and Zebra.