



## TECHNOLOGY INTELLIGENCE SERVICE

# IoT Devices

## Comprehensive analysis of the devices and connectivity technologies used for the IoT

Real-time access to a continuous flow of research across geographies, topics and application areas:

### BENEFITS

- Continuous industry updates to stay abreast of market dynamics
- Comprehensive coverage of the IoT landscape affords answers to both common and unique questions
- Covers all major and impacted connectivity technologies including: wired, WPAN, WLAN and WWAN
- Uncover opportunities to create unique value proposition

#### Analyst Insights

Frequent analyst commentary on strategic developments like product launches and M&As.

#### Market Tracker

Historic and forecasted market data, delivered in Excel and accompanied by written analysis.

#### Project Profiles

Benchmarking tool providing in-depth evaluation of individual projects.

#### Analytical Database Tool

Tailored views of application market data through Power BI.

#### Reports

Topical reports addressing key focus areas with in-depth analysis on market and technology trends.

#### Market Briefs

Studies addressing key trends delivered throughout the year.

#### Analyst Access

For prompt responses to urgent and unique questions.

### Clients of this Intelligence Service will receive:

**IoT Devices Market Tracker** – provides the most up-to-date information for equipment shipments, installed base and connectivity penetration by market segment; accompanied by quarterly written reports for additional insight on the latest market developments

**IoT Vertical Market Sizing Tool** - measures connectable or IoT device shipments across key verticals, applications and regions for IoT; updated quarterly

**Market Reports** – offers in-depth, focused analysis on the key ecosystem issues impacting the IoT, including new wireless technologies, regional dynamics and edge computing

**Vertical Market Briefs** – assessment of market size and trends, strategic issues, stakeholder ecosystems and value chains across verticals such as smart buildings, connected cars and smart home

**Vertical Case Studies** – concise case studies on how IoT has been implemented in specific projects to meet objectives such as efficiency and productivity gains and competitive differentiation

## Research Coverage

### Technologies

2G cellular	ANT +	Thread
3G cellular	ANT +   Bluetooth Low Energy	Wired
4G cellular	Bluetooth Low Energy	Wireless Hart
5G cellular	Bluetooth Classic & Dual-Mode	ZigBee Multi-Protocol
802.11a/b/g	Cellular LPWAN	ZigBee PRO
802.11a/b/g   Bluetooth	DECT ULE	ZigBee RF4CE
802.11ac	EnOcean	Z-Wave
802.11ac   Bluetooth	ISA100.11a	
802.11ad	Non-cellular LPWAN	
802.11.ax	Other 2.4 GHz	
802.11ax   Bluetooth	Other 802.15.4	
802.11n	Other Sub-GHz	
802.11n   Bluetooth		

### Verticals & Applications

<b>Automotive &amp; Transportation</b>	<b>Computers</b>	<b>Commercial &amp; industrial electronics</b>
Aerospace & military	Desktop	Commercial electronics
Automotive - ADAS & others	Portable computers	Industrial automation
Automotive - other	Servers	Lighting
Infotainment	<b>Consumer</b>	Other commercial & industrial electronics
<b>Communications</b>	Consumer - other	Power & energy
Backbone	Home appliances	Security & building automation
Consumer CPE	Home automation	<b>Medical</b>
Enterprise CPE	Home CE	Clinical care devices
Licensed mobile radio terminals & infrastructure	PC peripherals & printers	Consumer medical devices
Mobile handsets & infrastructure	Portable CE	
	Smart toys	
	Sports, fitness & activity	

### Measurements

### Measurement Segments

### Time Period

Installed base by market & application	Internet-connectable devices	2013-2030
Device shipments by market & application	Internet-connectable devices	2013-2030
Shipments by market & application	Connectivity ICs, connectivity modules, devices by IC type	2013-2023
Installed base by market & application	Devices by IC type	2013-2023

For more information [ihsmarket.com/technology](https://www.ihsmarket.com/technology)

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#### About IHS Markit

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