TECHNOLOGY INTELLIGENCE SERVICE

Wireless IoT Connectivity

Comprehensive assessment of wireless technologies and their adoption in key application markets

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

Analyst Insights
Frequent analyst commentary on product launches, market news and analysis.

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

Analytical Database Tool
Tailored views of application market data.

Reports
Annual 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:

Wireless IoT Connectivity Market Tracker – current and projected uptake for 26 technologies and 32 application areas; includes shipment and revenue forecasts as well as annual market shares by technology for semiconductor markets

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

Vertical Market Briefs – assessment of market size and trends, strategic issues, stakeholder ecosystems and value chains

Continuous and timely insights from industry experts – coverage of market news, trends and activities as they happen, including access to analysts for urgent questions

Detailed examination of key technologies and applications – data and analysis of the strategic, technological and competitive landscape influencing market growth and development for areas such as:

- Low-power wide-area networks (LPWANs)
- Wireless modules
- Wireless audio applications
- Market shares
- Semiconductor pricing

FEATURED TOPICS

– Connectivity technologies in high performance and low-power applications

– Adoption trends by region

– Growth opportunities by application and technology

– Component price changes

– Open standard versus proprietary technologies

Research Coverage – Low Power Wireless

Applications	Technologies
Agriculture & environment	ANT/ANT+
Asset tracking	Bluetooth Low Energy
Automotive under-the-hood	DECT ULE
Beacons & proximity	EnOcean
Building automation	ISA100.11a
Consumer health	LoRa
Energy production	Sigfox
Home appliances	Thread
Home automation	WirelessHART
Home CE	ZigBee PRO
Industrial automation	ZigBee RF4CE
Lighting	ZigBee Multi-Protocol
Municipal infrastructure	Z-Wave
PC peripherals	Other 802.15.4
Security	Other 2.4 GHz
Smart metering	Other Sub GHz
Smart toys	
Sports & fitness	
Wireless charging	
Other commercial applications	
Other consumer applications	
Other industrial applications	

Measures	Splits	Regions
IC unit shipments	Application	Americas
Revenues	Frequency	EMEA (Europe, Middle East, Africa)
Average selling prices (ASPs)	Integration type	APAC (Asia Pacific)
Market shares	Region	
	Technology	

Vertical Markets	Related Research
Connected & smart home	IoT Devices
Personal IoT	Cellular IoT
Connected car	
Medical IoT	
Industrial IoT	

Research Coverage – High-Performance Wireless

Technologies	Regions	Applications
802.11 a/b/g 802.11 n 802.11 ac Wave1 802.11 ac Wave2 802.11 ad 802.11 ax 802.11 ay Bluetooth Classic/Smart Ready Ethernet GPS NFC	Americas EMEA (Europe, Middle East, Africa) APAC (Asia Pacific)	Access points Customer premises equipment (CPE) Automotive Computing Consumer electronics Mobile communications Peripherals Home security Home automation WLAN enterprise equipment Industrial

Devices

Access points & routers Auto infotainment Telematics Bluetooth headphones Bluetooth headsets Blu-ray & DVD players Cable CPE Consumer & DIY videos Consumer OBD-II dongles Desktop PCs Digital camcorders Digital cameras Digital cordless phones Digital picture frames Digital voice assistants Dishwashers Dryers	DSL CPE Enterprise access points e-Readers Feature phones Garage door operators Handheld game consoles Home audio devices Large cooking appliances Mobile PCs MP3 players OTT set-top boxes Paid & FTA set-top boxes PC peripherals Personal & enterprise printers Personal & portable stereos Personal navigation devices Refrigerators	Residential lighting Remote terminal units (RTUs) Room air conditioners Smart door locks Smart fire detectors Smart thermostats Smartwatches Smartphones Smart plugs Tablets Televisions Video game consoles Video game controllers Washing machines Wireless video doorbells WLAN enterprise equipment

Time Period	Measurements	Measurement Segments
Five-year annual forecast Two-year quarterly forecast History from 2013	Device shipments IC shipments IC revenues Module shipments Module revenue WLAN IC market share Bluetooth IC market share IC market share	Technology Device type Protocol Multiple-input multiple-output (MIMO) WLAN IC integration level Bluetooth IC version

Topical Report Coverage

WLAN global overview and competitive landscape WLAN module market landscape Bluetooth's role in the IoT Smart home	Bluetooth global overview and competitive landscape WLAN and Bluetooth in emerging applications WLAN and Bluetooth in automotive

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