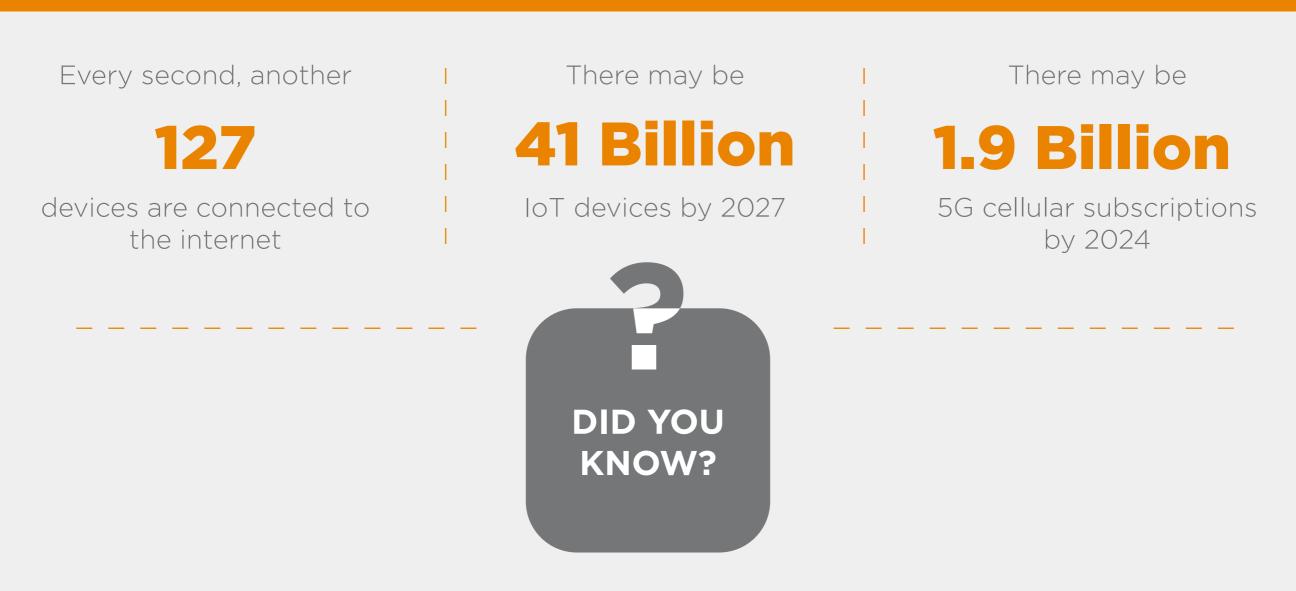


ENABLING VAST WIRELESS CONNECTIVITY TO UNLEASH YOUR IOT POTENTIAL IN SMART BUILDING

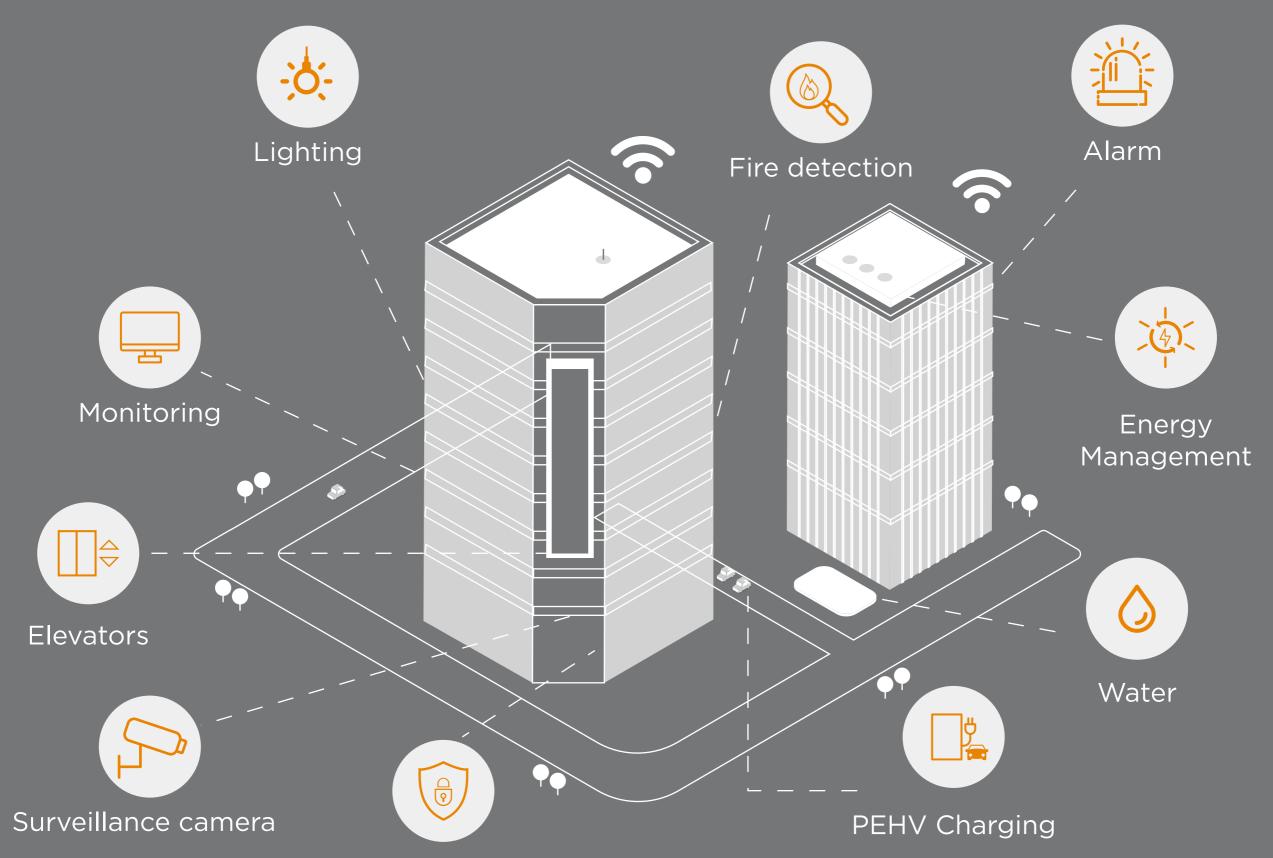


The Smart Building Market is projected to grow from





TE Connectivity (TE) is a leading provider of standard embedded and external antenna solutions that can enable reliable wireless connectivity.



Security

Benefits



Clean, free of transmission interferences



High efficiency antenna (signal performance)



Compact designs



Micro cells and small cells are commonly needed to enable 5G performance inside buildings



Engineering support & expertise to help deliver success for IoT Design engineers

Antenna Solutions

Wireless servers: Gateway		Wireless clients	
4X4 MIMO (Wi-Fi With Cellular)	NB-IoT / CAT-M Antenna product #2108784-1	Wi-Fi 6E Antenna product #2108792-1	GNSS / WLAN Combination Antenna product #2195760-1
MIMO assembly capability with TE's RF integration service	Omnidirectional coverage On board SMD PCB antenna	Extensive contiguous clean spectrum	Combination antennas : GNSS and WLAN dual band antenna
Extensive contiguous clean spectrum	Wide Band coverage for 3G, 4G and 5G with GNSS	For use in Wi-Fi 6, Wi-Fi 6E, Bluetooth and Zigbee certified products	FPC antenna assembly
System design flexibility	Bandwidth and performance dependent on ground plane size/	Adhesive backing on the FPC simplifies mounting within the	Minimum or no matching circuits required
Quick time-to-market	design suggested minimum ground plane length from antenna feed is 120mm	device Global frequency coverage	Bandwidth and performance are not dependent on ground plane size
	Available in tape & reel	FPC antenna assembly	System design flexibility
	packaging for automatic mounting	Different cable length and connector options available	Quick time-to-market
		System design flexibility	
		Quick time-to-market	I



TE Connectivity portfolio benefits



We can address your expectations and help unleash your IoT potential by offering many wireless possibilities.

- High reliability: high performance and isolation
- High efficiency: optimized throughput, minimal losses
- State of the art antenna laboratories and in-house testing
- Easy implementation reducing total cost of ownership
- Improved sensitivity delivering excellent coverage
- Mating RF components available for greater flexibility

te.com/loT-Antenna

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