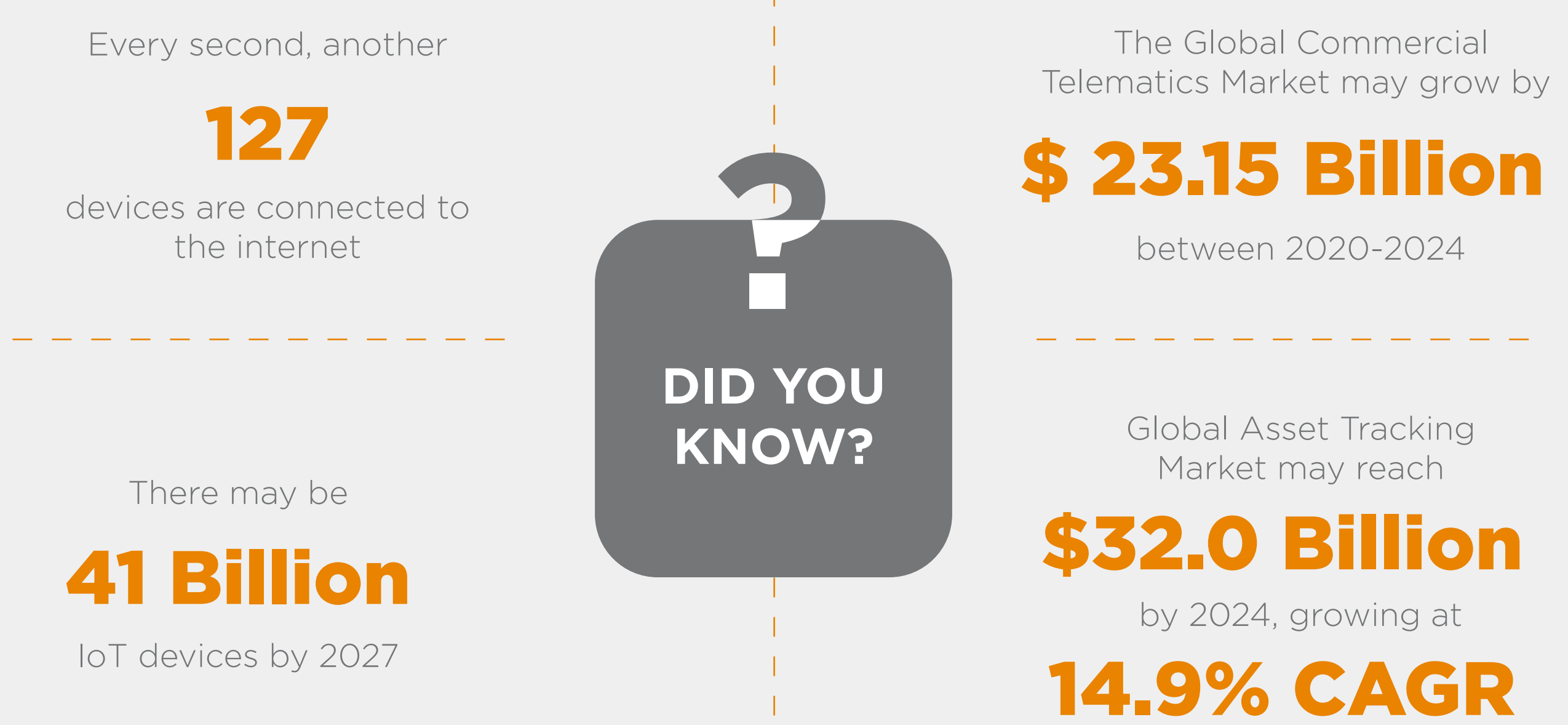
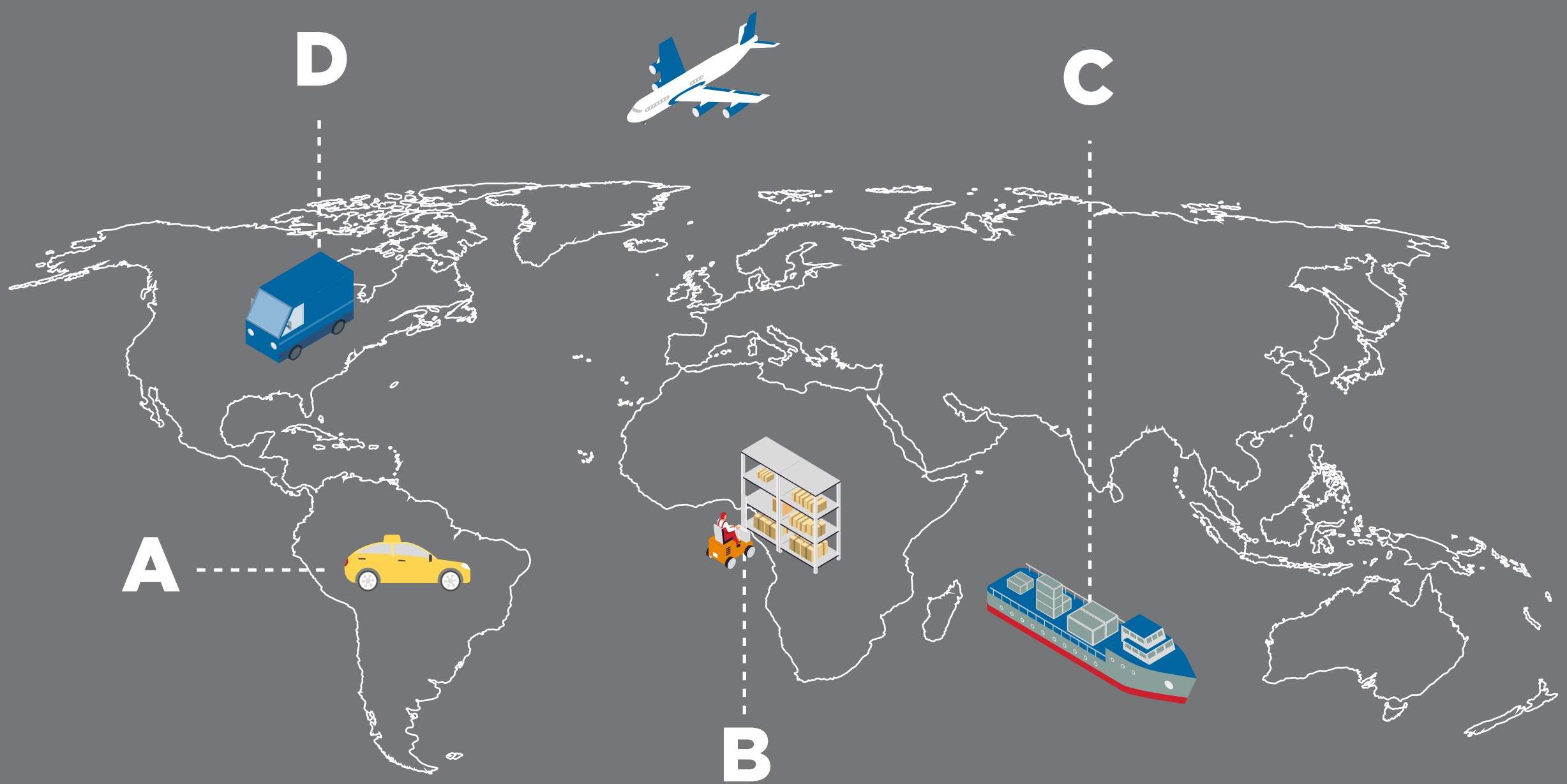


ENABLING VAST WIRELESS CONNECTIVITY TO UNLEASH YOUR IOT POTENTIAL IN SMART TRACKING



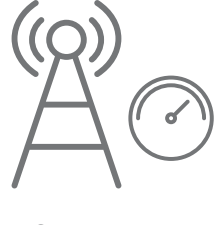
TE Connectivity (TE) is a leading provider of standard embedded and external antenna solutions that can enable reliable wireless and vast connectivity.



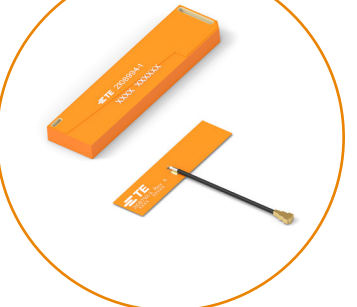
APPLICATIONS

A	B	C	D
			
Telematics & OBD (on-board Diagnostics)	Smart Assets	Smart Logistics / Freight	Vehicle Fleet Communication
By combining a GPS system with on-board diagnostics it's possible to record – and map – exactly where a car is and how fast it's traveling, and cross reference that with how a car is behaving internally.	Digitally enabled monitoring of processes, operations and assets into an integrated system delivering improved efficiency of your business	Platooning trucks carry freight efficiently from the port to their destination. Smart inventory systems inform operators about when freight is moved between different locations	Public transit and city fleet vehicles communicate with their home agency when it is time for maintenance or replacement

Benefits

				
Omni directional performance	High efficiency antenna which help battery power saving	Ability to operate multiple frequencies for global tracking	High performance antenna to avoid cellular signal interruption	Harsh environment durability

Antenna Solutions

			
GNSS product #2118900-1	4G Cellular / Non-cellular / LPWAN Embedded Antenna product #2367286-1, #2108994-1	4G, 5G Cellular Antenna product #2195729-2	NB-IoT / CAT-M Antenna product #2108784-1
Small and light weight	Battery efficiency	Omnidirectional coverage	Omnidirectional coverage
Available in tape and reel packaging for automatic mounting	Omni directional coverage	90 degree hinge type SMA connector terminal mount antenna	On board SMD PCB antenna
Enhance efficiency and bandwidth	Can be combined with other services (multi-functional antennas) e.g. WLAN and Lora	Wide Band coverage for 5G, 4G, 3G, 2G, NB-IoT, Cat-M, GNSS	Wide band coverage for 5G, 4G, 3G, NB-IoT and CAT-M with GNSS
Minimum matching circuits required		No matching components required	Bandwidth and performance dependent on ground plane size/ design suggested minimum ground plane length from antenna feed is 120mm
		Bandwidth and performance are not dependent on ground plane size	Available in Tape & Reel packaging for automatic mounting

Why partner with TE Connectivity?



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