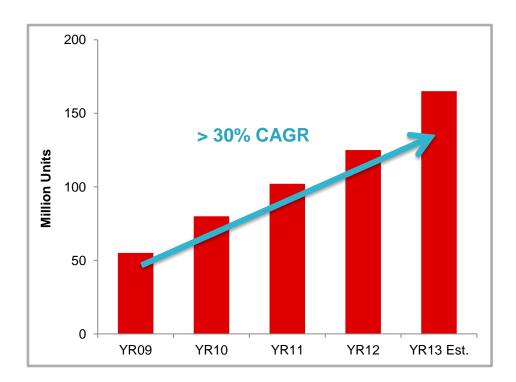


TI: The Internet of Things Technology Leader

HS Yoon, Connecitivity Lead, TI Korea

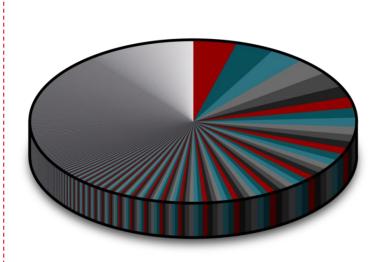


Strong momentum in embedded market



Embedded TI Connectivity shipments

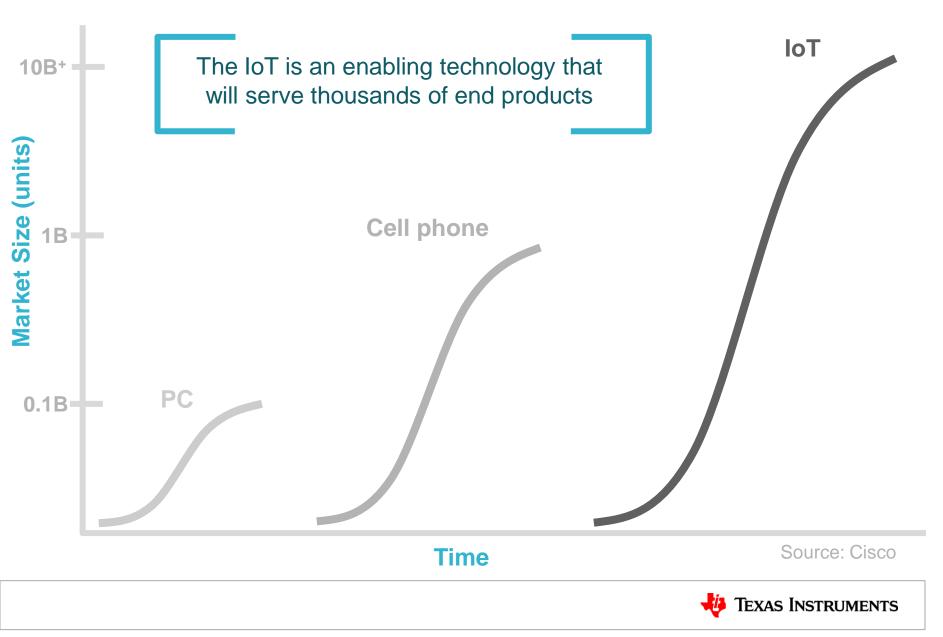
TI #1 supplier of low-power RF to the industrial market



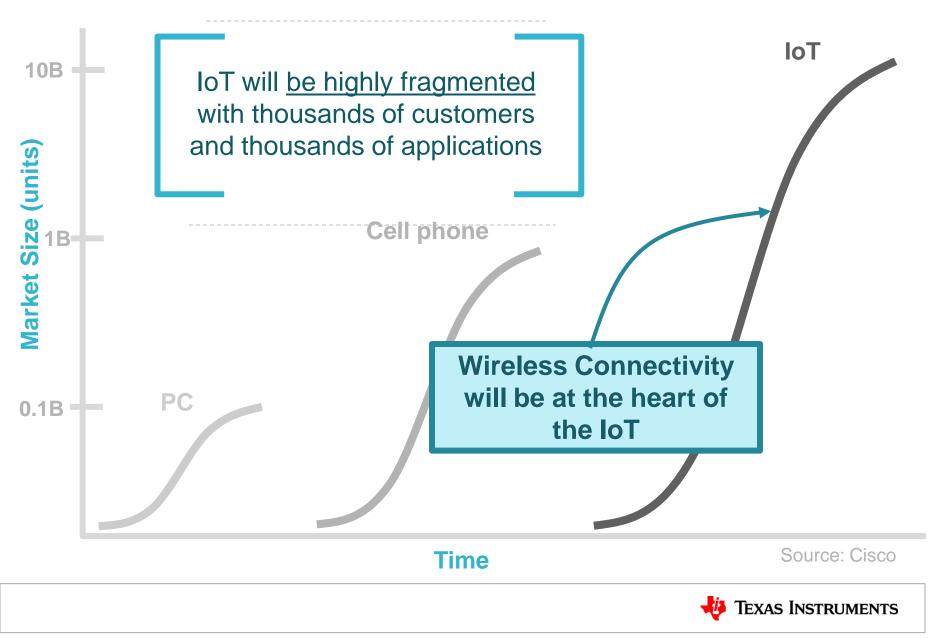
Diverse customer base: >4K customers



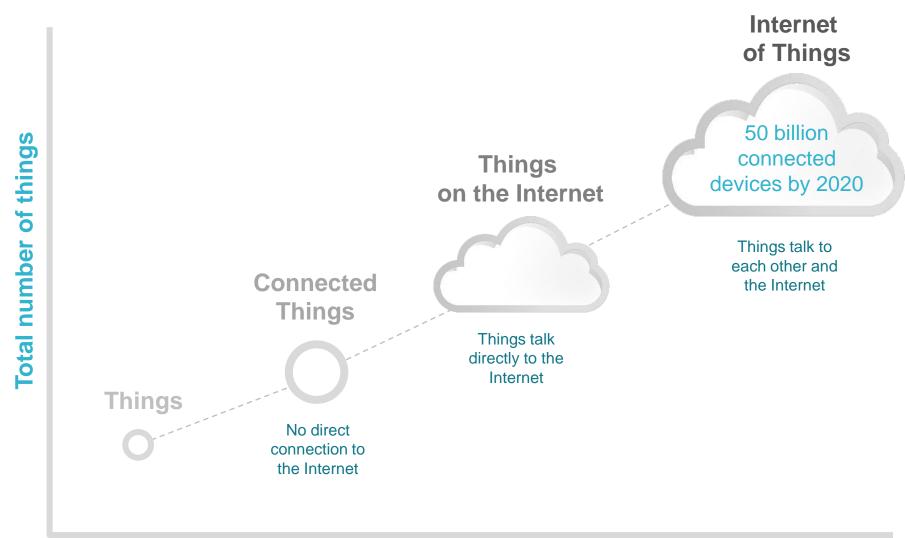
Why the IoT is attractive



IoT – the first 10B Unit market



The Evolution of the IoT



Time



Industrial in the IoT



Wirelessly connected LED lighting & energy management



Flow & pressure sensors



Automotive in the IoT





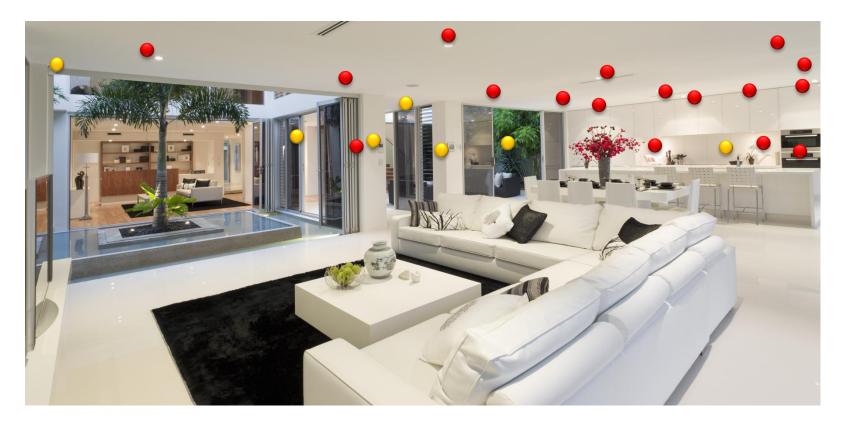
Navigation, Bluetooth hands free & audio, Wi-Fi



Keyless entry, interior lighting, mirror control, sensors



Homes in the IoT





Security & safety system, sensors



Smart home energy gateway, thermostats, sensors



Fitness and healthcare in the IoT





Informed workouts with activity & performance measurement

Safe independent living with fall detection, medication monitoring, etc.



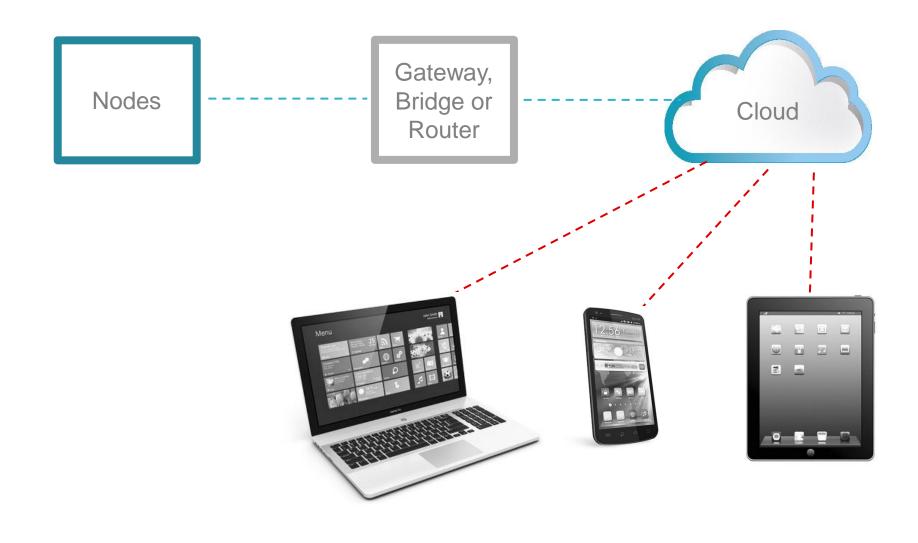
IoT: Why now?

- More products are adding intelligence with MCUs to support more sophisticated control.
- Adding connectivity is getting easier & cheaper.
- •New silicon enables battery applications.
- Wi-Fi and internet access broadly available.
- Tablets, PCs and Smartphones broadly available.
- Customer benefits are now clearer.

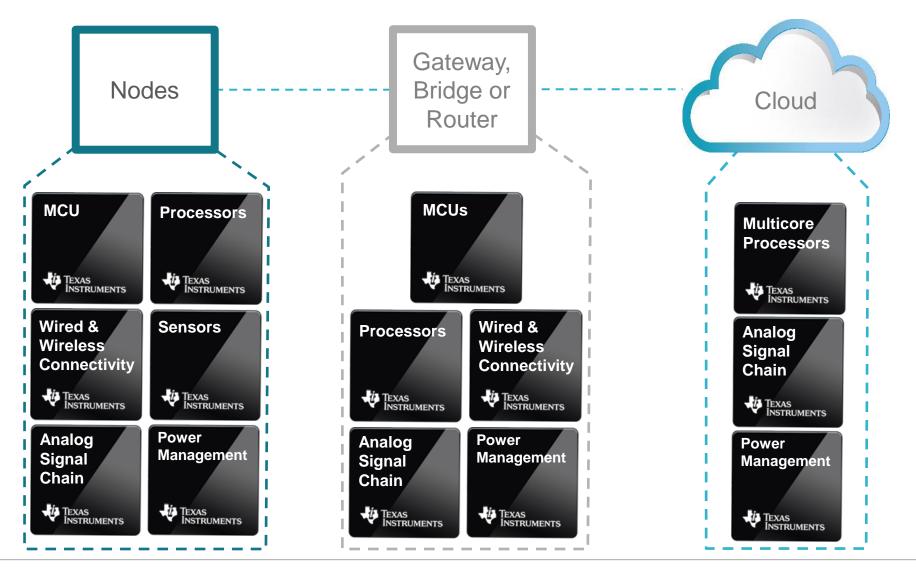
We are at the IoT inflection point



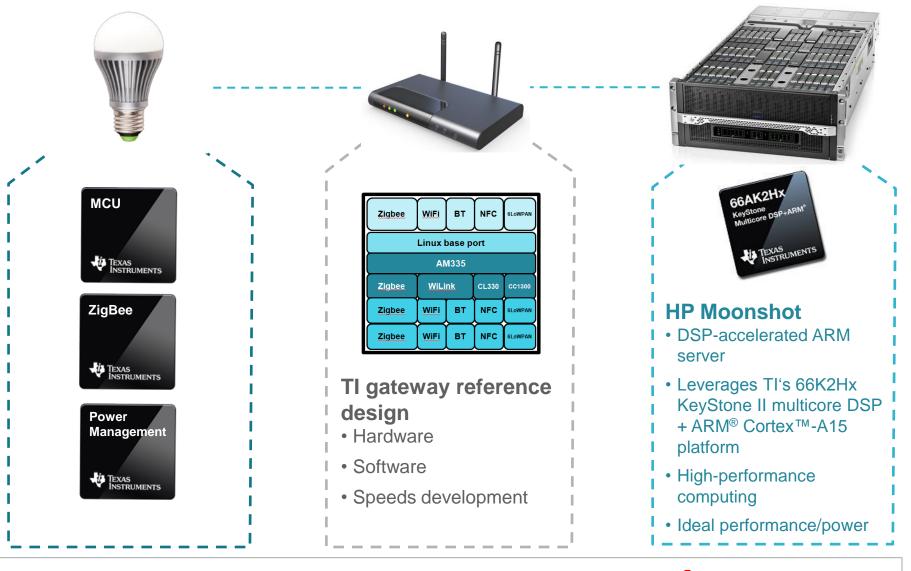
How the IoT works



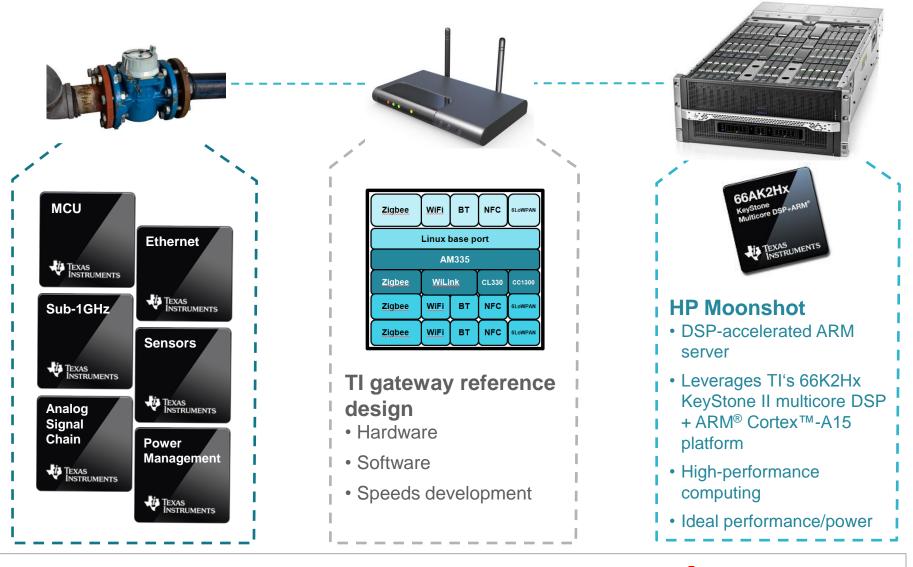




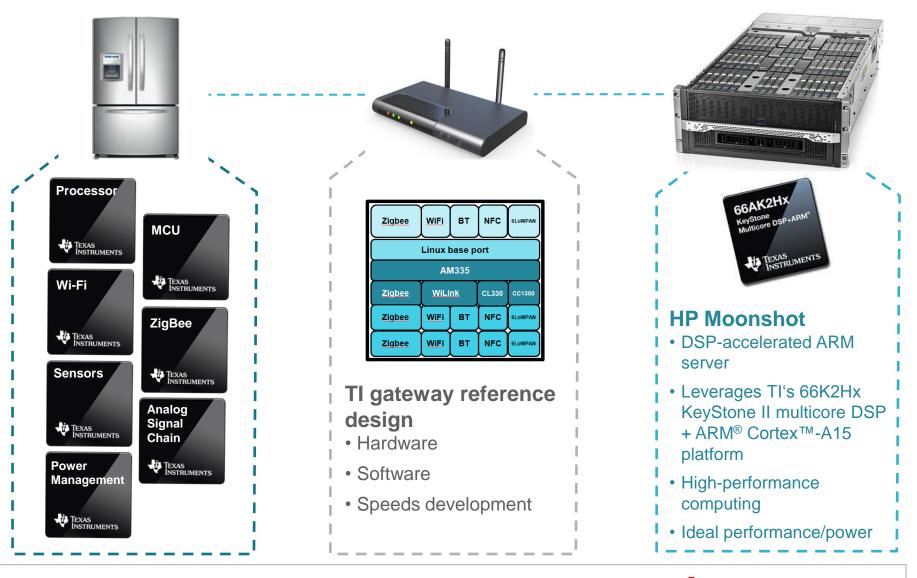






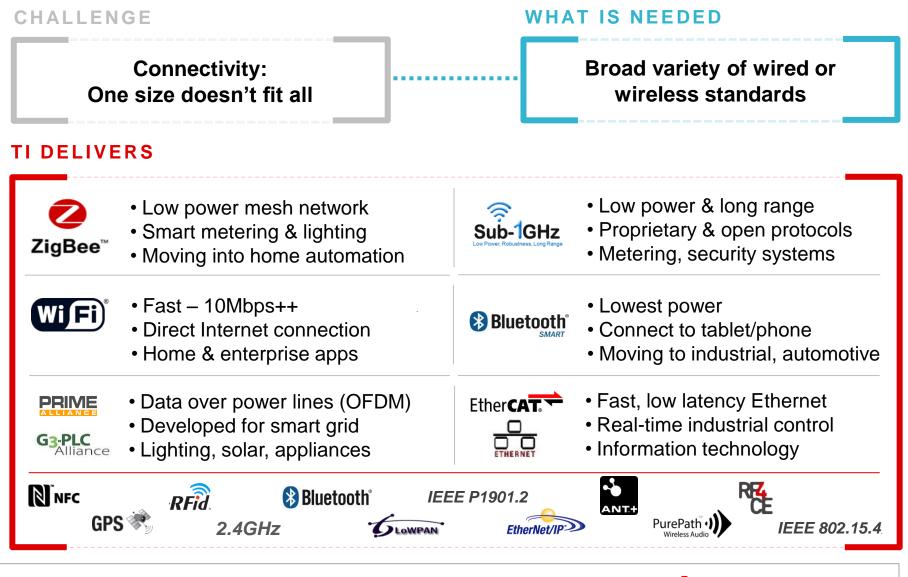








No one standard will win in the IoT



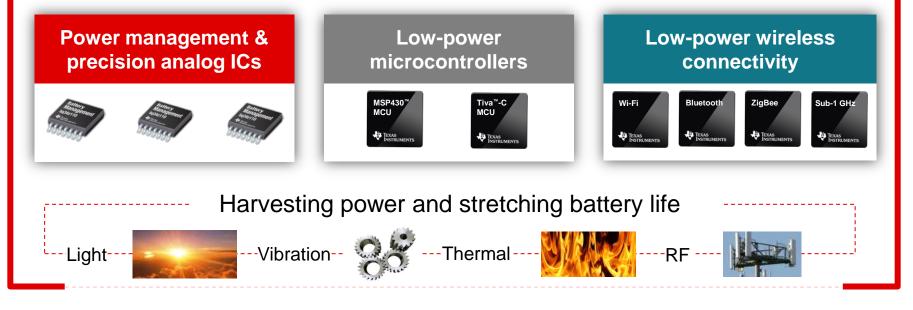
🦊 Texas Instruments

System-level approach to power is required



TI DELIVERS

Technology for billions of battery- or harvested-powered devices





Security vital at all layers



TI DELIVERS

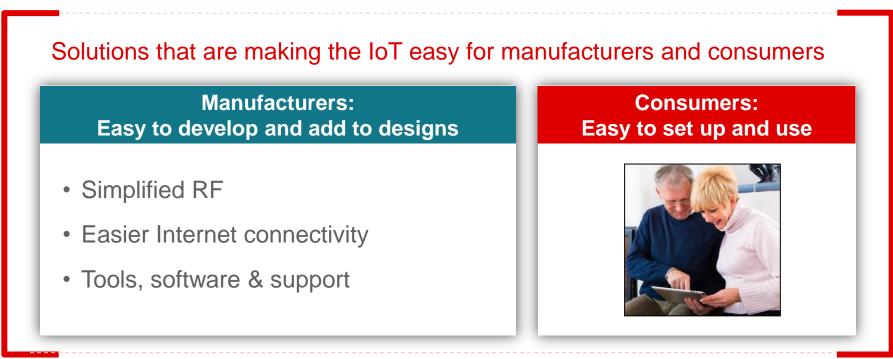
oces ors	Hardware	Software	Connectivity	
Texas	Symmetric cryptography	Authentication & anti-cloning	IP protection	Tamper protection



The IoT must be easy



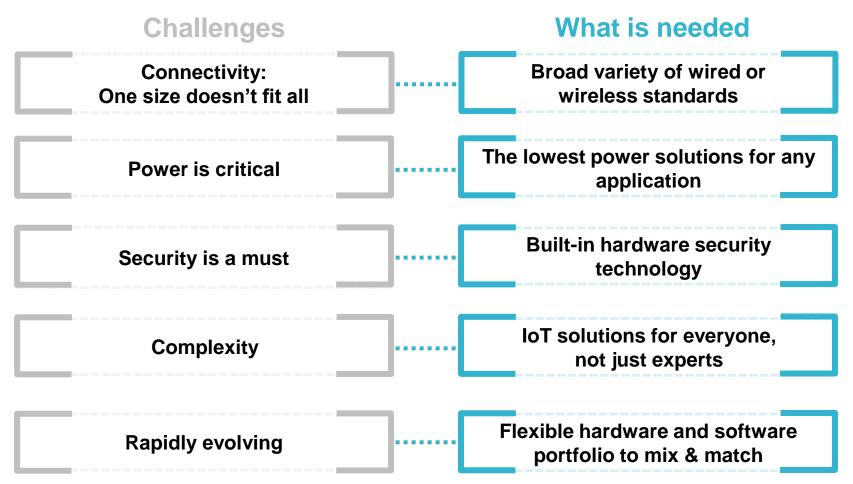
TI DELIVERS





Making the IoT of 2020 happen





TI has the broadest "loT-ready" portfolio



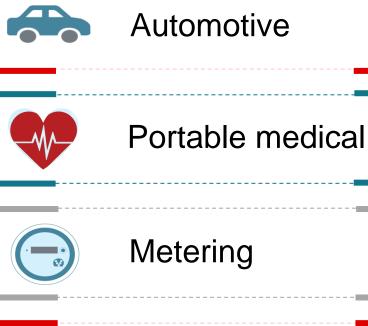


ti.com/connectmore ti.com/iot



TI is connecting the IoT now







Home & building automation



Mobile lifestyle accessories

