



Transitioning your IoT environment to 4G LTE

Frequently Asked Questions

When it comes to powering the Internet of Things, our LTE network and technologies offer superior coverage, performance and cost control compared to previous generation networks across the industry. Due to these technology advancements, Verizon will retire its CDMA network and will work with customers to transition their existing M2M connections to 4G LTE. Below are answers to your most frequently asked questions about making the switch.

- When is Verizon shutting down its CDMA Network?
 - The Verizon CDMA network (1x/EVDO, 2G/3G) will remain available for our customers through December 31, 2019.
- Will my CDMA services stop working on 1/1/20?
 - After 1/1/20, CDMA services—including voice, data and text messaging; devices and modules supporting 1xRTT-only, 1xEVDO-only, 1xRTT and 1xEVDO; and any combination of 1xRTT and 1xEVDO with other radio access technologies not including LTE—may no longer operate.
- What is the latest date a customer can activate a device on the CDMA network?
 - After June 30, 2018, Verizon will no longer activate devices that are not 4G LTE capable.
- Will Verizon shut down the CDMA network market by market?
 - Service will remain available in all markets through 2019.
- What is Verizon communicating to Open Development device manufacturers with certified devices that use the CDMA network?
 - Please refer to Verizon's Open Development website for more information and a list of frequently asked questions.
- When will Verizon 4G LTE coverage match CDMA coverage?
 - Verizon is providing this advance notice so that customers are prepared for the future and can start making plans to have their M2M solutions support 4G LTE.
 - Verizon's 4G LTE now covers more pops and square miles than its CDMA network. Our 4G LTE network now covers more than 500 markets, with more than 460 of those markets being enhanced by our LTE Advanced network, and 98% of the U.S. population. Our 4G LTE network covers over 2.4 million

square miles, delivering consistently fast speeds in more places than any other network.

- There are multiple 4G LTE options to choose from, including new Category-1 and Category-M1 choices. These industry-leading, cost-competitive, advanced technologies enable the development of next generation solutions on our 4G LTE network.
- How can I learn more about the Verizon Category M1 Network?
 - On March 30, 2017, Verizon announced the availability of the first nationwide commercial Category M1 (or Cat-M1) network on its leading 4G LTE network spanning 2.4 million square miles, the first and largest Cat-M1 network.
 - The VZW OD website <https://odi-device.verizonwireless.com/showcase/> currently includes availability of multiple 4G LTE Category 1 and Cat-M1 modules.
 - Additional 4G LTE Category 1 and Cat M1 modules are pending certification and will soon become available.
 - Learn more about how Cat-M1 technologies simplify adoption of IoT solutions.
- What if our M2M partners and customers need more time?
 - We are committed to working with all partners and customers on a transition plan to our 4G LTE network before 12/31/19.
- How can I get more information on what 4G LTE solutions are available?
 - Contact your Verizon Wireless Account Manager, Device Manufacturer or the Verizon Wireless OD product team for assistance, or
 - Visit Verizon's Open Development website to learn more.