

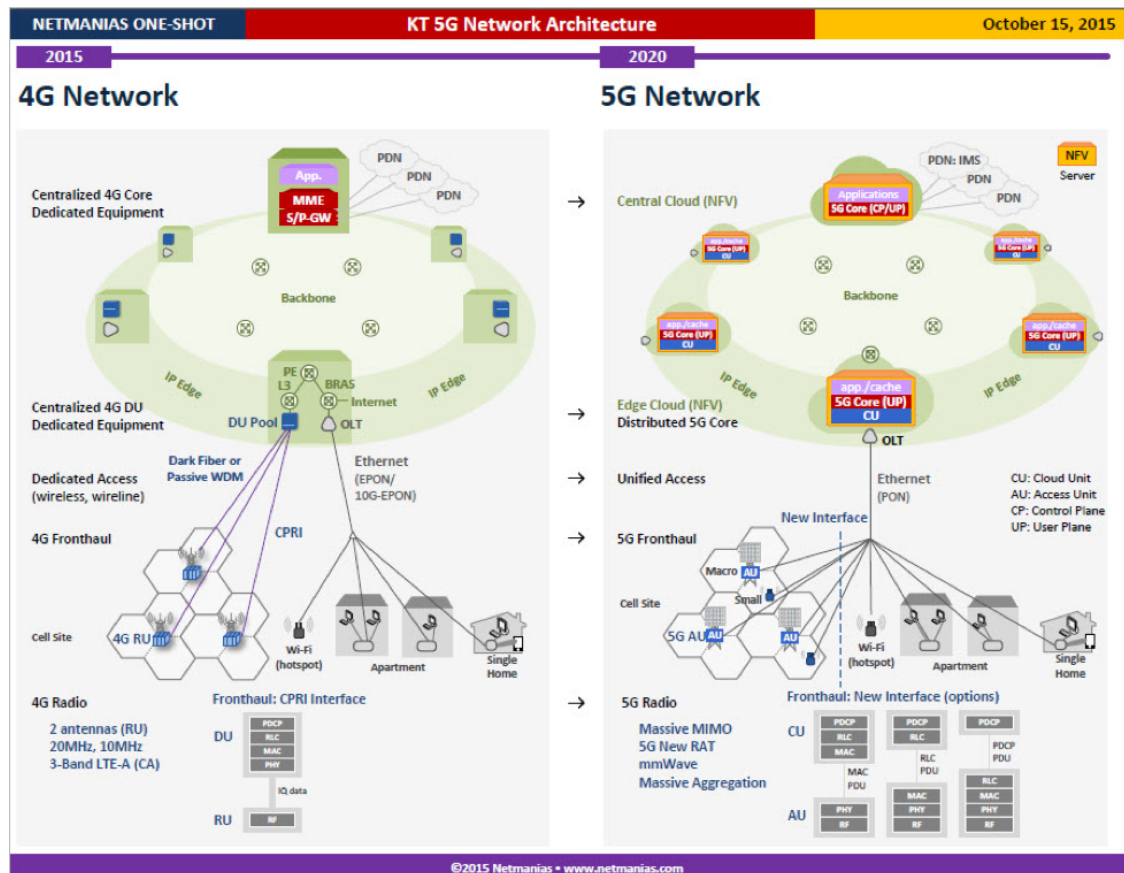
5G NETWORKING FEATURE

## Why Industrial Operators Need 5G URLLC and How They Can Get There

The 3GPP's ultra-reliable low-latency communications (URLLC) will deliver sub 1 millisecond latencies and six-nines reliability (99.9999%). That's good enough to "cut the cord" in critical automation, manufacturing, transportation, and other applications that have relied on costly, faulty wiring for generations.

However, a recent study titled "5G Edge Cloud Infrastructure: For vRAN, Industrial, and Automotive Applications," reports that 58% of respondents in these industries want to see 5G proven before the jumping on the wireless bandwagon.

[Read more](#)



POWER ELECTRONICS NEWS

### Vishay Extends EP1 High Energy Wet Tantalum Capacitor With Ratings in B, C Case Codes

To meet the needs of military and avionics applications, Vishay Intertechnology announced that it has extended its EP1 wet tantalum capacitor with new

ratings in the B and C case codes.

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MEMORY AND STORAGE NEWS

### **Swissbit Expands Miniaturized Storage Solutions with EM-30**

Swissbit announced its has expanded its portfolio of miniaturized storage solutions with the EM-30 device, featuring an e.MMX-5.1 standard interface. It combines a controller with industrial grade 3D NAND and firmware.

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INDUSTRIAL HARDWARE NEWS

### **TQ Introduces New Intel Atom x6000E-based Computer-on-Module Product Family**

TQ announced the release of the TQMxE40 module family based on the processors of the latest Intel Atom x6000E as well as Intel Pentium and Celeron N and J series (codenamed "Elkhart Lake").

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Product of the Week: Microchip PolarFire SoC FPGA Icicle Kit

Microchip?s PolarFire SoC FPGA Icicle Kit is an evaluation platform for the company?s mid-range PolarFire SoC FPGA family.

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Join Wind River? Principal Security Architect Arlen Baker for a fast-paced look at how to bake cybersecurity into can?t-fail devices and systems at the edge.

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EMBEDDED NETWORKING FEATURE

## Ways to Address the Challenges of Designing Multi-Radio Hardware

Nowadays, the market is driven to design products with multiple RF protocols in a single box, known as Gateway. There are many and varying benefits of wireless connectivity which delivers better user experience and different protocols which offer complementary strengths. Every IoT device can communicate with the internet over different protocols.

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