

Mobile Private Networks

Addressing Wireless Connectivity Challenges Better

5G offers faster speeds, lower latency, and increased capacity and has enormous potential to revolutionise various industries and enable new applications and services that were not feasible with previous generations of wireless technology. Read further to learn how 5G Mobile Private Network can ignite the digital transformation in industrial campuses with indoor/outdoor manufacturing facilities.

ANSWERING KEY CONNECTIVITY CHALLENGES OF AN INDUSTRIAL CAMPUS

Supreme Indoor & Outdoor Coverage

- Micro cells and small cells for a more consistent coverage.
- Licensed radio spectrum to mitigate interferences.

Guaranteed Service Continuity

- Built-in redundancy and reliability to prioritise critical services.
- Effective QoS management of critical applications.

Seamless Mobility

- Handover mechanisms for a smooth transition between base stations without losing connectivity.

Enhanced Security & Privacy

- Built-in security features for data security and integrity.
- Multi-level security architecture to protect data and network in transit.

Unlimited IoT Connectivity

- Massive machine type communication (mMTC) features.
- Scalability to connect large number of various devices.

TARGET INDUSTRIES



Manufacturing



Transportation



Logistics



Healthcare



Mining



Education

KONTRON MOBILE PRIVATE NETWORK COMPLETE SOLUTION

5G User Devices

- Supporting end-to-end solution.
- Expertise in device selection, rigorous testing, and seamless integration into customer's environment.



5G RAN

- Interoperable with various RAN networks.
- Seamless integration of any leading radio station vendors.



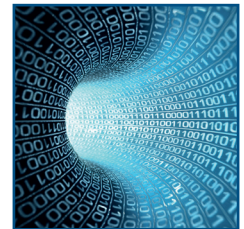
Kontron 5G SA Core

- From concept to reality: our 100% in-house development ensures quality, control, and innovation.



Data Networks

- Integration into IT and OT networks for an end-to-end solution.
- Providing Kontron and integrating customer's apps.



MORE THAN JUST A BETTER WIRELESS



Enabling the Machines & People to Connect & Collaborate



Industrial connectivity



Future-safe solution

CONTACT US TO IGNITE YOUR DIGITAL TRANSFORMATION



Janez Öri

Director of 5G and Cloud Solutions
janez.ori@kontron.si



Urban Zaletel

R&D Director of Mobile Private Networks
urban.zaletel@kontron.si



Marko Luštrek

Director of 5G Sales
marko.lustrek@kontron.si



Kontron, d. o. o.
Ljubljanska cesta 24 a
SI 4000 Kranj
Slovenia
+386 4 207 20 00
info@kontron.si
www.kontron-slovenia.com

