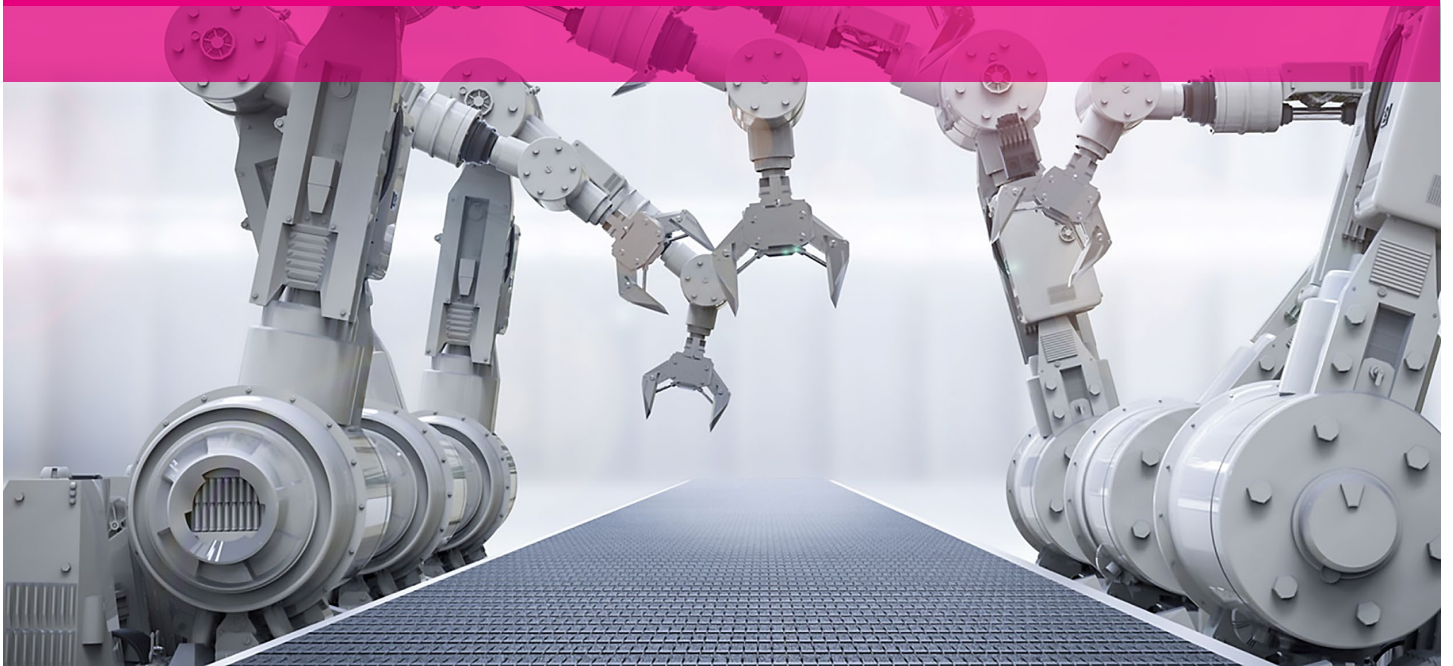


# FACTORY OF THE FUTURE

## CUSTOMIZED WIRELESS 5G CAMPUS NETWORKS FOR AN INDUSTRIAL DIGITAL FUTURE



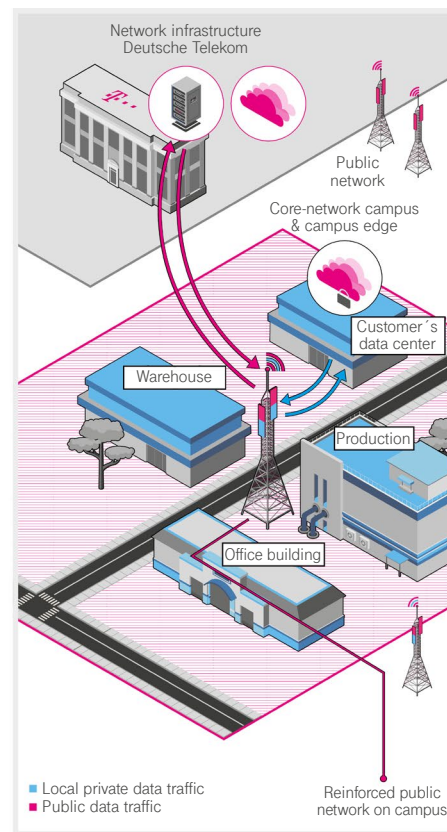
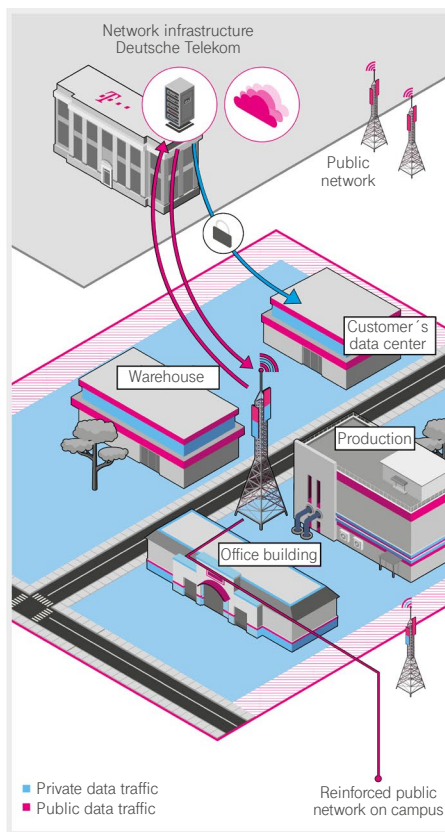
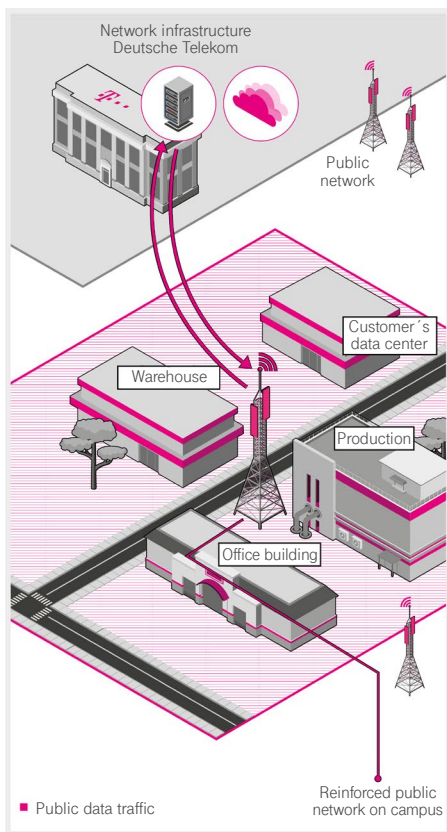
The future starts now – when customers discover the power of combining public and private wireless networks. Their production site benefits from high reliability and low latency thanks to a locally enhanced public network and private network resources reserved just for them – for better performance and even higher productivity. With 5G Campus Network solutions from Deutsche Telekom, the next generation of automated production processes is waiting for their customers!

### KEY FACTS:

- Reliable, high-performance and tailored network solutions for Industry 4.0 needs
- More possibilities with a dual-slice combination of public and private mobile networks
- High security thanks to a licensed spectrum and managed network resources
- Low latency times thanks to data processing with on-premises edge cloud
- Service-level agreements for the private network (availability, data throughput, latency)
- Support of diverse applications by combining different spectrum frequencies



**LIFE IS FOR SHARING.**



An automated digital workflow is the basis for flexible production processes. Customers can efficiently and effectively automate their production processes by wirelessly networking their production facilities over an extended and enhanced mobile network infrastructure – so-called campus networks. Deutsche Telekom plans the infrastructure specifically for their site, so they can achieve extremely high bandwidths, low latencies, and improved availability – suitable for diverse applications on industrial sites of all sizes.

Customers gain a unique advantage for countless applications and scenarios when they combine private and public mobile networks. They can integrate partners and service providers more tightly into their processes by utilizing the public network. For example, they can use the public network to carry out certain remote maintenance tasks more conveniently and efficiently.

The secure private network, which is not publicly accessible, supports the automation of processes on-site. This includes critical machine communications. Deutsche Telekom guarantees network resources in their campus networks, so the process of automating their production is faster, more reliable, and secure.

## THE RIGHT SOLUTION – FOR EVERY REQUIREMENT

Deutsche Telekom tailors the campus network to customer's needs. It offers three product variants with different Quality of Service (QoS) features in terms of data throughput, latencies, availability, and downtimes:

**Campus Network S:** Additional infrastructure enables enhanced public network coverage for indoors and outdoors on the campus.

**Campus Network M:** Shared resources for public and private network – based on a VPN connection over the public network.

**Campus Network L:** Highest QoS features. Guaranteed resources for the private network on the campus – based on an exclusive, local mobile core network. Customers can also combine L with either local on-premise edge or mobile network edge cloud depending on their data processing needs.

Deutsche Telekom offers the complete solution from a single source. It supports customers right from the planning stage and takes account of individual variables such as their campus size, capacity requirements, and service times.

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