Transform your business with mobile private networks

Together we can

vodafone business

Where are you on your digital transformation journey?

With the drive towards digitisation, businesses are changing the way they operate through intelligent allocation of people and automation of processes, technology and even workspaces to improve operational efficiency. People are better connected, systems are simplified and more efficient, and data plays a key role in day-to-day work.

Many industries are planning to kick off their digital transformation. One way to do this is leveraging **Industry 4.0 technologies** and applying advanced industrial processes via automation and machine learning.

Industry 4.0 ensures that machines, tools, parts and people are perfectly synchronised to increase production while improving quality and customer experience. This environment allows businesses to monitor their infrastructure, locate their employees and review inventory to boost efficiency and workforce management. This is enabled by using wearables, fixed sensors and video technology.

Vodafone Mobile Private Networks (MPN) and Edge Computing can revolutionise how you do business by bringing the network and the cloud closer to the devices that need it. MPN supports your business-critical services with a local network on your premises to ensure reliability, more capacity, and fast local processing capability using integrated Edge Computing. With guaranteed bandwidth, ultra-low latency and protected data flow, MPN and Edge Computing can unlock new possibilities for digital businesses.

Where are you on your digital transformation journey? Vodafone can help you create a high-performance environment that fits your business needs.

What's in it for you?

▶ Scalability

- Pre-tested configurations to address your specific needs now and in the long run
- Enhanced agility and scalability by bringing the compute power closer to application users through Edge Computing

▶ Ecosystem

- Speed deployment thanks to our extensive partnership ecosystem

▶ Low cost of ownership

- A turnkey network-as-a-service solution with self-service options through a management interface

▶ Security

- Enhanced data security by keeping your data within your site
- Access control ensuring end-user security

▶ Reliability

- Carrier-grade SLAs with guaranteed QoS and high availability to improve performance and minimise downtime
- **Greater business responsiveness**: your data can be collected, analysed and managed without needing to cross the network thanks to Edge Computing

CASE STUDY:

Vodafone has helped Ford build a pilot line with 5G to allow the company to get an insight into its potential in EV manufacturing. Vodafone and other partners are now helping Ford co-create th**e "Factory of the Future"** using a 5G Mobile Private Network (MPN) at Ford's Dunton Technical Centre as part of the 5G Testbeds & Trials programme.

Vodafone Mobile Private Networks at a glance

Feature	Benefit
🔒 **Private/reserved coverage**	Dedicated, private connectivity: guaranteed capacity reserved for your company devices, not accessible for the general public
✓ **Assured SLAs**	Ultra-reliable, uninterrupted service
🛡 **Security**	All data stays on your site*
⚙ **Service management**	An end-to-end solution including a management interface to enable self-service
🌐 **Connection density**	Possibility to connect thousands of devices on a factory floor
◎ **Local compute (dedicated MEC)**	Bringing the network and the cloud closer to your applications and end users
☁ **Cloud compute (distributed MEC)**	High speed enabling low latency applications

* When used with a dedicated, on-premises, MEC

Vodafone Mobile Private Networks around the globe

Private radio, core and services

- Private LTE radio
- Licensed spectrum
- 4G/5G core services
- Local data routing

Managed service includes:

- Design and installation
- Proactive monitoring
- Network reporting
- SIM provisioning and management
- Service management
- Propagation management

IoT services

- Global IoT SIMs
- IoT sensors
- Industrial IoT products
- Gateways

Cloud and security

- Dedicated MEC
- Distributed MEC
- AI and machine learning
- Analytics

Value-added services

- Wearables
- Push-to-talk/Mission-critical push-to-talk
- Mobile device management
- SD-WAN/LAN
- Narrowband-IoT

Why choose Vodafone?

Our team of experts will design and manage end-to-end solutions for your company, leaving you time to focus on your core business needs.

- MPNs installed in factories, ports, hospitals and processing plants across multiple countries
- More than 150 million IoT connections
- Mobile networks in 24 countries and fixed networks in 73
- More than 640 million mobile customers
- Leaders in the Gartner Magic Quadrant for IoT, Mobility and Network Services products
- A future-proof partner enabling multi-site and multi-country deployments with seamless coverage on- and off-campus
- Legacy of running mission-critical networks on behalf of our customers
- Provision of best-in-class edge, application and device ecosystem for our customers' campuses

Next steps

If you want to discover more about Vodafone Mobile Private Networks, please contact your Account Manager.

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