

Private Networks

Connecting assets and people. Delivering transformation.

In an increasingly automated world, high-performance wireless connectivity is business critical. A Cellnex Private Network delivers the speed and assurance you need – providing a built-for-purpose voice and data solution that seamlessly connects assets, equipment and people on a single, scalable and secure dedicated network.

Today private 4G/5G networks sit at the heart of companies' digital transformation strategies. They're powering a new generation of remote control and monitoring services for transport hubs and port authorities, driving automation across smart manufacturing facilities and enabling cost-saving proactive maintenance in the utilities sector.

In combination with artificial intelligence, machine learning and virtual and augmented reality, Private Networks are securing large sites, tracking workers and making hazardous environments safer.

A private, dedicated network assures data security, removes the capacity and contention issues of WiFi and mobile networks, and delivers round the clock connectivity.



Enable automation and delivering intelligence across the sector spectrum

Remote-control

Control and monitoring of machinery, robots and vehicles



Monitoring assets safely

Improving human-machine communication with Augmented Reality (AR), Virtual Reality (VR) and Digital Twin



Robotics

Undertaking hazardous tasks, boosting productivity, maximising efficiency



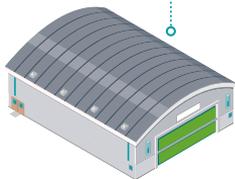
Mission-critical communications

Guaranteed, always-on connectivity to assure performance and safety



Location tracking

Keeping track of people on site to always keep them safe



Environmental sensors

Asset and infrastructure insights to manage consumption and detect potentially hazardous leakage

Mobile video surveillance

Increasing safety, better decision making and tracking of assets

Logistics control

Analysing marine cargo or land freight flows and improving security



Features and Benefits

- **Purpose-built 4G/5G network** delivering the coverage and capacity you need, where you need it
- **Low-latency, high bandwidth connectivity** guarantees always-on performance, eliminates outages and assures operational continuity
- **Secure and private**, restricting access from outside and delivers data protection and compliance as standard
- **Offers opportunities to deploy automation, AI or robotics** to increase efficiency, streamline operations and reduce cost
- **Delivers the ability to track and monitor assets and employees** to increase site and worker safety
- **Managed by a single, experienced partner** to cut through the complexity, deliver a bespoke solution and eliminate investment risk

Why Cellnex?

As a Critical National Infrastructure Provider and one of Europe's leading telecommunication companies, Cellnex is trusted by enterprises, the emergency services and mobile network operators.

Working together with Edzcom, a market-leader and wholly owned subsidiary of Cellnex, our solutions provide an assured answer to the connectivity challenges of a rapidly evolving Industry 4.0 world.

To find out more about Private Network solutions, contact our experts at: PrivateNetworks@cellnextelecom.co.uk