

Private Networks

Delivering transformation for ports.

Private networks are fast becoming the foundation of today's smart port strategies. Targeting the exact coverage and capacity requirements of your facilities, these built-for-purpose 4G/5G networks deliver the round the clock connectivity you need to transform operations, embrace smart insights and build for the future.



Industry analyst IDC estimates enterprises will invest approx. **\$5.7 billion** in private networks by 2024⁴

The role of a private network

Accelerating efficiency

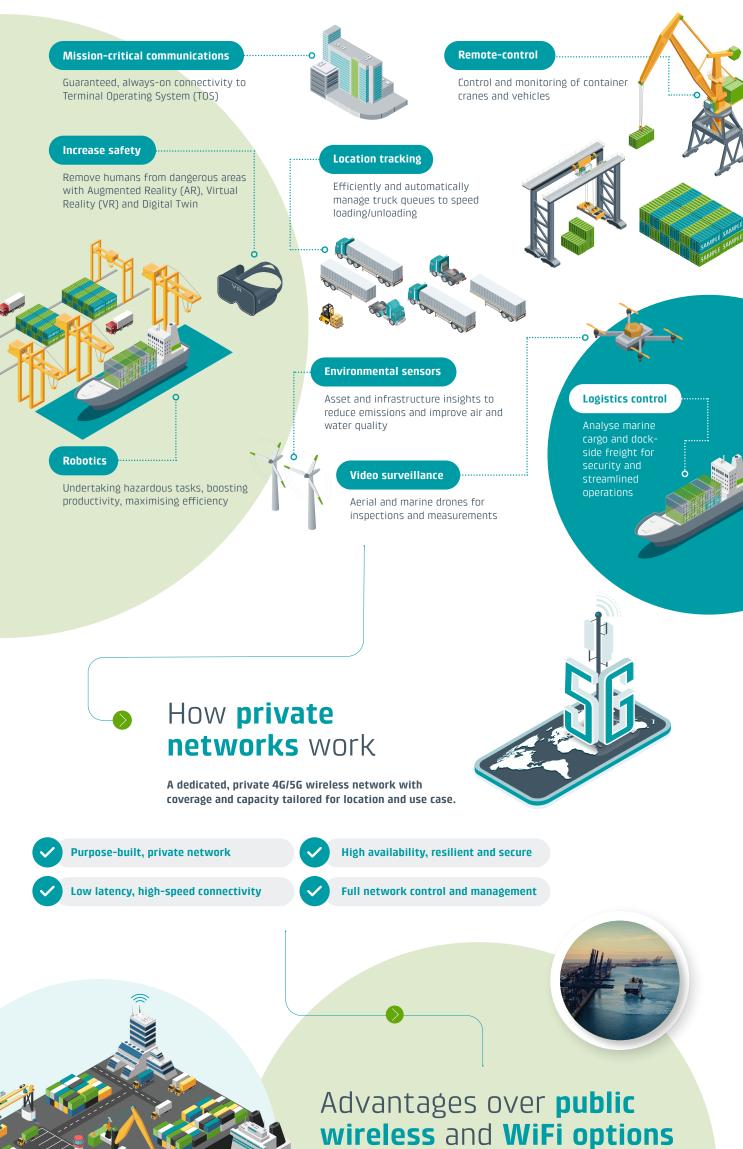
Assure continuity of business critical operations with always-on connectivity. **Reducing risk**

Automate hazardous operations and increase site safety.

Driving the future

Enable smart port transformation through automation, AI and robotics.

Enabling digitalisation with private 4G/5G network solutions



Public Mobile Networks. Limited capacity and coverage can mean not-spots, dropped calls and low data throughput. Conventional WiFi. At-scale WiFi deployments require extensive physical infrastructure, are less secure, and can be impacted by interference or contention problems. Benefits of a **dedicated** private network **OPEX** savings 24x7x365 continuity **Seamless mobility** of business critical and connection of by proactively operations and static and moving monitoring communications assets across the equipment to reduce full site maintenance Boosting productivity **Data privacy Enhancing safety** by removing staff by keeping data on through smarter. ô site and restricting more automated from hazardous processes and environments outside access operations **Assured** security for private network owners and users A fully managed service from Cellnex Project design and engineering Performance Management Coverage and capacity planning and Data dashboard Deployment and Commissioning Optimise the network and achieve complete control and visibility Operational monitoring through real-time intelligence and analysis. and maintenance Dashboard includes insights on: Analytics and ongoing performance optimisation Network Sensor data (for utilisation asset monitoring)



Active

users

Network availability

About **Cellnex**

360° situational

increase safety)

awareness (to

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.

Cellnex also brings the expertise and experience of Edzcom, a Private Networks market leader and wholly owned subsidiary, meaning that our 4G and 5G Private Network solutions provide the most assured answer to the challenges of an Industry 4.0 world.

To find out more, visit our **Private Networks solution** pages.

Get in touch

Get in touch with our experts at PrivateNetworks@cellnextelecom.co.uk

1. https://www.businesswire.com/news/home/20210114005786/en/IDC-Forecasts-the-Private LTESG-Infrastructure-Market-to-Reach-5.7-Billion-in-2024-as-Demand-from-Mission-Critical-Organizations-Drives-Early-Investment

cel driving telecom connectivity