



cellnex driving telecom connectivity

Private networks are fast becoming the foundation of today's digital and automation strategies. Targeting the exact coverage and capacity requirements of your sites, 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 2024¹

The role of a private network

Accelerating efficiency

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

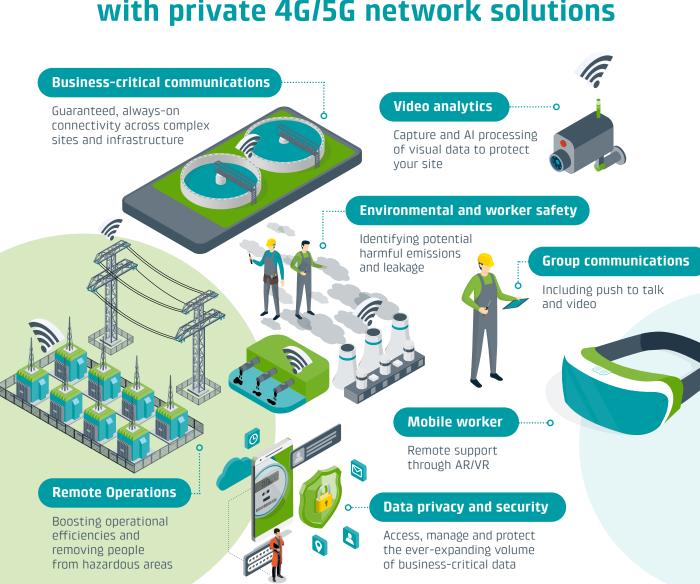
Reducing risk

Automate hazardous operations and increase site safety.

Driving the future

Enable 'smart' transformation through automation, AI and robotics.

Enabling digitalisation with private 4G/5G network solutions



A dedicated, private 4G/5G wireless network with coverage and capacity tailored for location and use case.

How private networks work

Purpose-built, private network Low latency, high-speed connectivity



Full network control and management

High availability, resilient and secure

wireless and WiFi options 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

Advantages over public

be impacted by interference or contention problems.

Benefits of a dedicated

24x7x365 continuity of business critical operations and communications

private network



Boosting productivity through smarter,

more automated

processes and

operations

Assured security

for private network owners and users



Enhancing safety

Seamless mobility

and connection of

static and moving

assets across the full site

by removing staff from hazardous environments



service from Cellnex

Data privacy by keeping data on

site and restricting

Project design

Coverage and capacity planning

Deployment and Commissioning

Operational monitoring

and maintenance

Analytics and ongoing performance optimisation

outside access

OPEX savings

by proactively

monitoring equipment to reduce

maintenance





and engineering





Network

Active

Network availability

users







asset monitoring)

360° situational

increase safety)

awareness (to

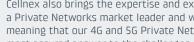




As a Critical National Infrastructure Provider and one of Europe's leading telecommunication companies, Cellnex is trusted by enterprises, the emergency services and mobile network operators.

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

 $1. \ https://www.businesswire.com/news/home/20210114005786/en/IDC-Forecasts-the-Private-LTESG-Infrastructure-Market-to-Reach-S,7-Billion-in-2024-as-Demand-from-Mission-Critical-Organizations-Drives-Early-Investment$