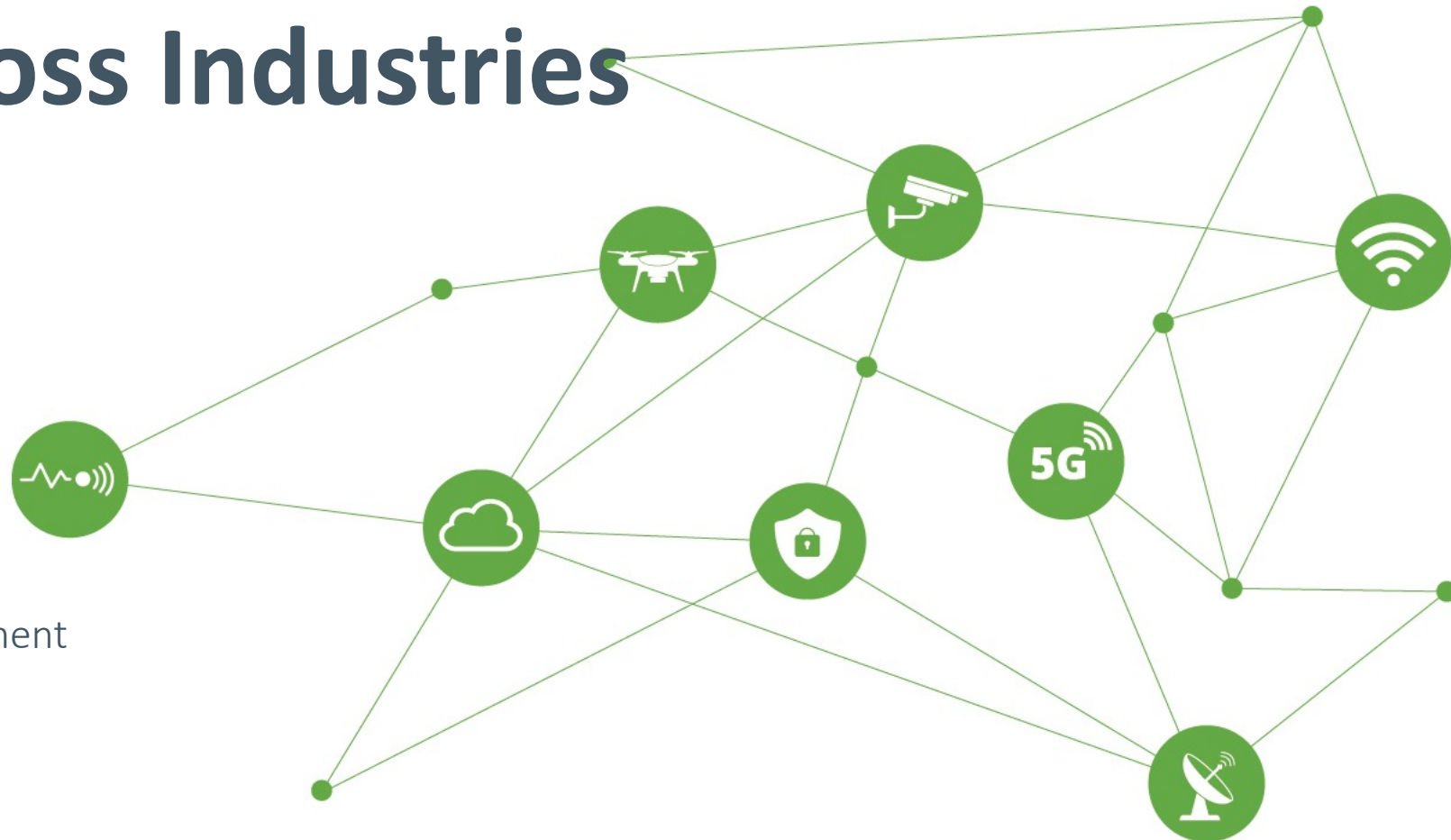


Private 5G Networks for Business Continuity across Industries



Catherine Gull
Head of Business Development
Cellnex

Who we are

25B€

Market Cap

13

Countries covered in Europe and growing

+20

Years of experience in Mission & Business critical communications

+58

Private 4G/5G Networks deployed

+135.000 sites

Wireless telecommunications infrastructure in Europe

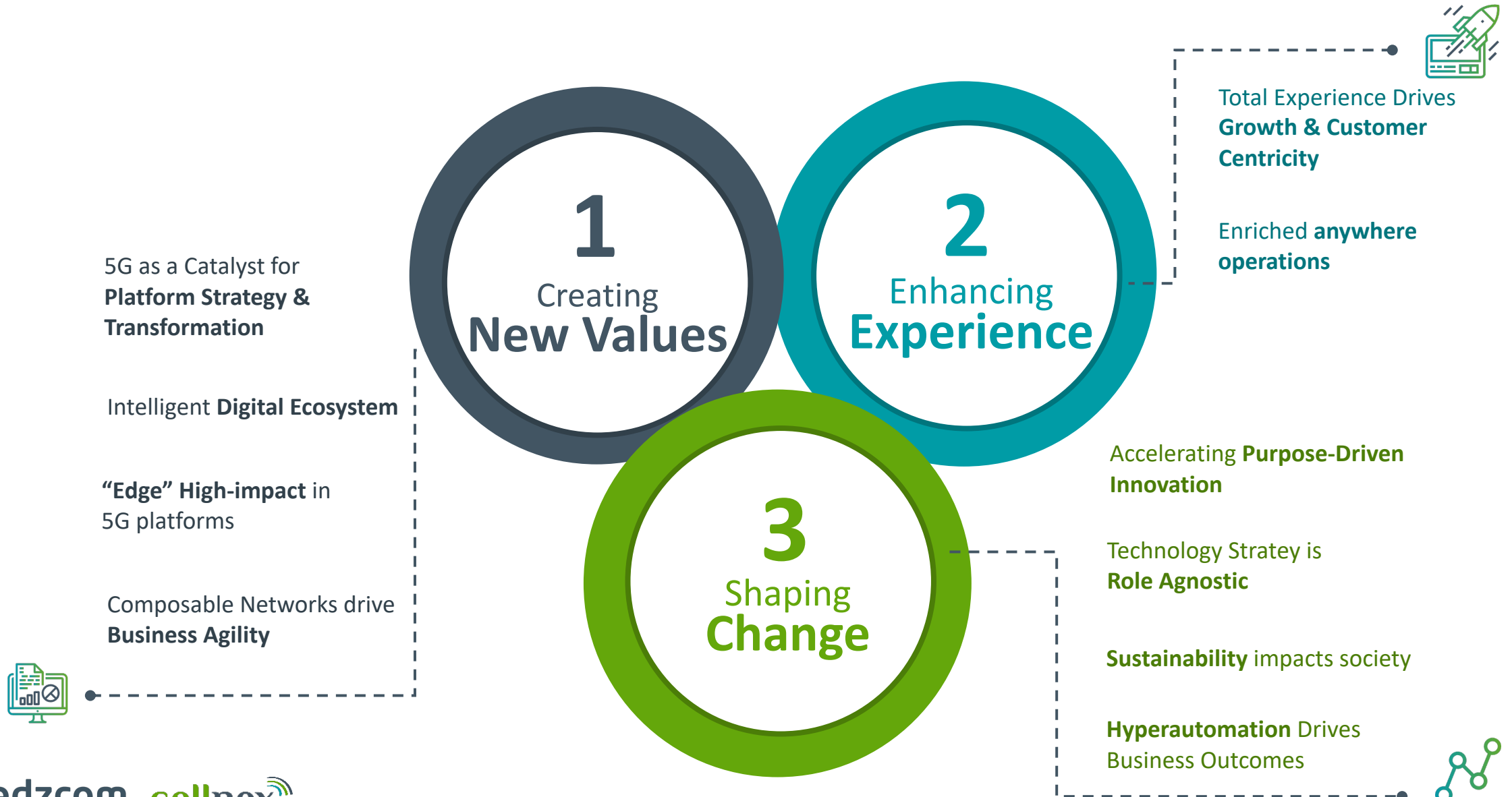


- Cellnex countries
- Covered market (not including in Cellnex countries)

A large yellow mining truck is shown in a quarry, with its bucket raised and dumping material. The background is a dark, rocky cliff face. The truck is the central focus, with its massive tires and heavy-duty body clearly visible. The scene is dimly lit, emphasizing the industrial and rugged nature of the environment.

What are the drivers for Enterprise to Private Networks?

The driving forces of private networks



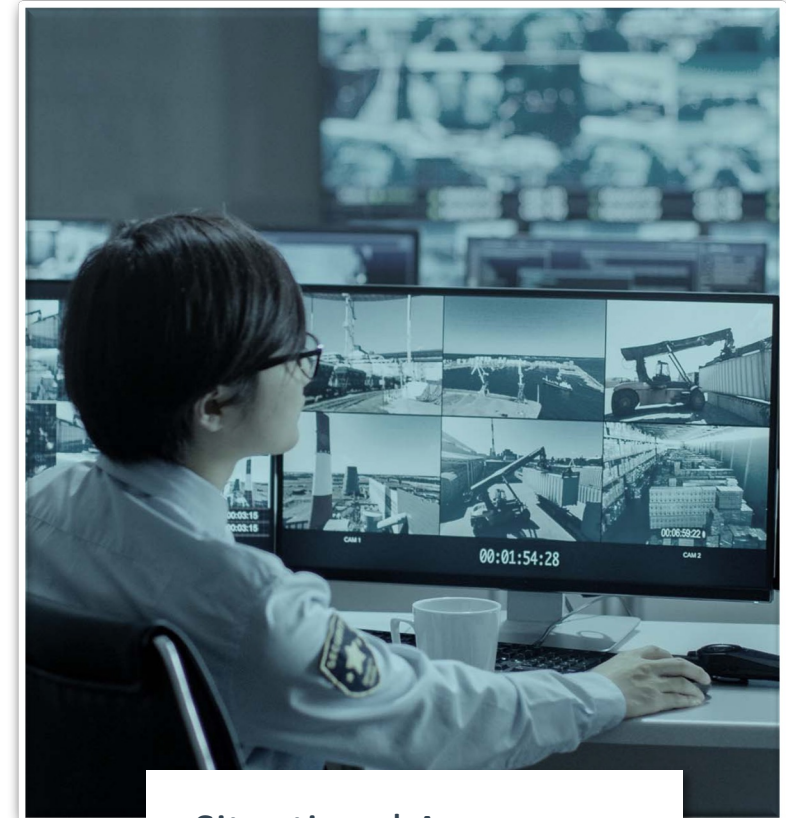
How Private Networks have improved Business Continuity across industries



Automation



Worker Safety



Situational Awareness

The answer to Enterprise's needs of Reliable Connectivity

Use cases that maintain & improve business continuity



Productivity



Risk Management



Mission – Critical Communications



Workers' Safety



Data-based decision making



Situational awareness



Connectivity Availability



Remote Maintenance



Automation



Assets Tracking



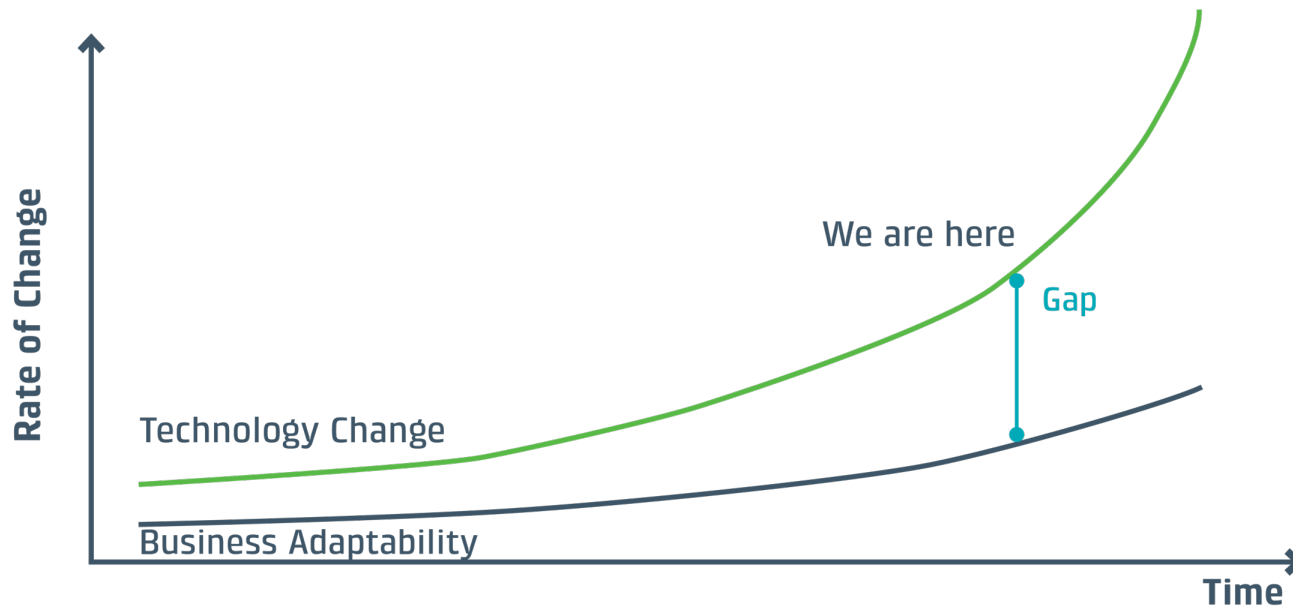
Training



Data Security

Why Private Networks

Because they are the foundation of the world's going digital



Source "Technology won't slow down - Moore's Law will win"

Private 5G Network Foundational Benefits



5G's high bandwidth, low latency and the ability to support a massive number of devices can enable new and improved opportunities to increase operations efficiency in addition to helping enable new business models, enhance worksite safety and reduce operational costs.

A strategic partnership

Building Private Networks that work and create values



Key Challenges

- Need for full coverage across the port area
- Provide connectivity to partners operating in the port
- High capacity to support data transfer

Use Cases

- Real-time snapshot
- Video camera surveillance
- ISP compliant cameras for new areas
- Automatic lighting control
- Remote operations



Key Challenges

- Reliable coverage to secure operational continuity
- Need for real-time analytics of the container handling
- Improve the efficiency in the whole port area

Use Cases

- Outdoor/indoor/warehouses vehicle ERP connections
- Real-time video streaming from cranes
- Analytics to track damages on containers



Key Challenges

- Interruption and low bit rates in areas far from antennas
- Need full wireless coverage for electronic test site management system.

Use Cases

- Faster and better connectivity to allow ADAS and V2X testing to improve road safety
- Enhanced communication with vehicles with real-time data transfer to data center

A trusted partner of industries' key players

Transportation



Heavy Industries



Manufacturing



Venues & Buildings



Reliable connectivity Anywhere, Anytime

Private 5G Network Mobile solution

- Tailored Coverage
- Control & Data Privacy
 - Capacity
 - Resilience
- 24/7 End-user customer support
 - Robustness
- Rapid deployment

Customer Benefits

Military Service
Defence Deployment
Public National Safety

Mission Critical

Windmills
Construction
Forestry
Manufacturing & Telemetric

Business Critical



Remote area coverage
Video production set

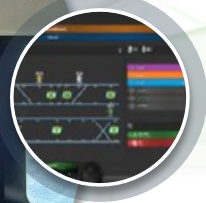


MCPTT
Group Communications

Military & Defense Deployment
Tactical Network



Quick Emergency Response



Telematic network
Robotics Industry 4.0



Surveillance

Drone & Value Added Services



A large yellow mining truck is shown in a dark, rocky environment, likely a mine. The truck is positioned in the center of the frame, with its front facing right. The background is a dark, textured rock face. The overall scene is dimly lit, with the truck's headlights and body providing the main source of light.

In conclusion, the drivers for enterprise to
deploy Private Networks

**Is to create a connectivity platform for
the realization of Industry 4.0 to create of
new values, enhance of experience and
shape changes**

A network diagram consisting of numerous small blue circular nodes connected by thin, light blue lines. The nodes are scattered across the frame, with a higher density on the left side, creating a complex web-like structure. The background is a solid, dark blue color.

Thank you

Catherine Gull– Head of Business Development, Cellnex