

# Kyndryl Private LTE / 5G Network with Microsoft Azure

## Customer challenges

There are networking challenges to meeting the demands of Industry 4.0 for enterprises in rugged or mobile environments.

- Silos as a result of misaligned processes (OT) and innovative technology (IT)
- Rugged and challenging environments lack reliable connectivity
- Increasing quantity of IoT devices causing network congestion
- Applications and advanced technologies requiring low latency and high bandwidth
- Device provisioning and management
- Business recovery at the Edge

## Solution highlights

With Kyndryl Private Wireless Network for LTE / 5G, an enterprise private wireless network is deployed using spectrum frequencies reserved exclusively for a customer environment to enable extreme bandwidth and highly secure connectivity to edge computing devices. That spectrum is separate from frequencies controlled by commercial mobile network operators.

As enterprises prioritize the ability to rapidly deploy Azure cloud-enabled products and platforms in an agile manner, and as operational costs rise along with application pace, data volume, and user requirements, global industries are looking for ways to modernize their network infrastructure. These networks offer enterprises transformative opportunities.

## Customer benefits

Private LTE and 5G networks offer a range of benefits that assist enterprises with their LAN transformation journey, particularly in industrial and rugged environments.

- 1 Ability to support mobility with low latency and increased security
- 2 Provide telco-grade connectivity and powerful access points
- 3 Enable IoT and other applications to be efficient, productive, and secure



# Why Kyndryl and Microsoft?

## About Kyndryl

Kyndryl is the world's largest provider of IT infrastructure services serving thousands of enterprise customers in more than 60 countries. As a focused, independent company, we're

building on our foundation of excellence by bringing in the right partners, investing in our business, and working side-by-side with our customers to unlock their potential.

### Providing undisputed leadership



**6.2M** mainframe installed MIPS



**5,200+** WAN devices managed



**15K+** Oracle & SAP instances managed



**576** exabytes of customer data backed up annually



**270K** network devices managed



**3.5M** LAN ports managed

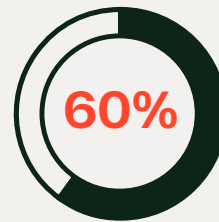
### Microsoft Advanced Specialization Microsoft

- Kubernetes on Microsoft Azure
- SAP on Microsoft Azure
- Analytics on Microsoft Azure
- Microsoft Azure VMware Solution
- Microsoft Windows Virtual Desktop
- Microsoft Low Code Application Development

### Solution Partner Designations Microsoft

- Solutions Partner for Infrastructure (Azure)
- Solutions Partner for Data & AI (Azure)
- Solutions Partner for Digital & App Innovation (Azure)
- Solutions Partner for Modern Work
- Solutions Partner for Security

### Empowering thousands of enterprise customers, including:



of the Fortune Global 100 and more than half of the Fortune Global 500

**25,000+**

Microsoft Certifications

## Kyndryl and Microsoft Advantage

Kyndryl and Microsoft provide the services and solutions to meet customers wherever they are on their cloud journey: on premise, across multiple clouds, or on the edge. With our joint expertise, we work with customers to manage complexity and modernize their operations for rapid business outcomes. We bring together deep design, delivery, management, and cloud technology expertise, supported by an expansive ecosystem, to unlock our customer's potential for long term business impact.

## Next steps

Learn more at the [Kyndryl and Microsoft alliance](#) page. Or visit [kyndryl.com](https://kyndryl.com).

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