

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

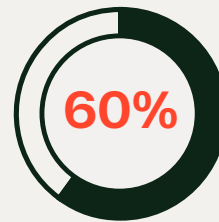
Microsoft Advanced Specialization Microsoft

- 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.

© Copyright Kyndryl, Inc. 2023.

Kyndryl is a trademark or registered trademark of Kyndryl Inc. in the United States and/or other countries. Other product and service names may be trademarks of Kyndryl Inc. or other companies.

Microsoft, Azure, Windows, Windows 365, Windows NT, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.

This document is current as of the initial date of publication and may be changed by Kyndryl at any time without notice. Not all offerings are available in every country in which Kyndryl operates. Kyndryl products and services are warranted according to the terms and conditions of the agreements under which they are provided.

