









## Enabling a world that can trust wireless connectivity to be simple.





GXC Onyx is a comprehensive private cellular network providing the industrial manufacturing industry with secure, high-capacity, and low-latency communication enabling more efficient, secure, and connected operations. GXC Onyx facilitates real-time process control, machine communication, and predictive maintenance, enhancing operation efficiency. Robust security measures protect sensitive data against cyber threats and maintain system integrity. GXC Onyx offers resilience and scalability to support the industry's dynamic needs, accommodating growth and technological advancements. Using a mesh-based architecture, wherever power is available, GXC Onyx is an end-to-end solution allowing the deployment of a high performance and versatile private cellular network.



## USE CASES FOR INDUSTRIAL MANUFACTURING

 <p><b>Real-time machine monitoring and control</b></p>	 <p><b>Predictive maintenance and diagnostics</b></p>	 <p><b>Wireless M2M communication and IoT integration</b></p>	 <p><b>AR assisted maintenance and training</b></p>	 <p><b>Integration with the Warehouse Management System</b></p>
 <p><b>Video surveillance and analytics</b></p>	 <p><b>Digital twin simulations</b></p>	 <p><b>Enhanced network resiliency and redundancy</b></p>	 <p><b>Network segmentation for sensitive information</b></p>	 <p><b>Worker training and onboarding</b></p>

## BENEFITS OF GXC ONYX PRIVATE CELLULAR NETWORKS

 <p><b>Improve Efficiency</b> Reliable connectivity to improve efficiency and effectiveness of energy network operations</p>	 <p><b>Secure Data</b> Ensure data is collected reliably and securely, without interference from other networks or devices</p>	 <p><b>Complete Coverage</b> Provide unparalleled connectivity and coverage at a low-cost vs. public networks, satellite or Wi-Fi</p>	 <p><b>Cost Effective</b> Lower network management cost, reduce downtime, and optimize energy usage and waste</p>
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## MESH ALLOWS YOU TO TAKE THE NETWORK WHERE YOU NEED IT

GXC is the only company in the world to offer a mesh-based private cellular network. Our patented mesh technology powers the most flexible private network deployments in the industry. Leverage GXC's patented Cellular Mesh technology to provide:

- Quick network deployments at low-cost
- Network mobility - move, relocate or repurpose the private network
- Rural internet access without LAN/fiber installed (GXC Mesh)