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

GXC Onyx is a comprehensive private cellular network that caters to the energy industry's need for a reliable, secure, and efficient connectivity among devices like smart meters, remote sensors, and control systems. GXC Onyx offers resilience and scalability in diverse environments, using a mesh-based architecture, where power is available, facilitating data collection from energy infrastructure to optimize energy usage and improve operations. GXC Onyx enhances safety by enabling remote infrastructure monitoring and control, and improves customer commuications regarding real-time updates, billing, and service issues. GXC Onyx is an end-to-end solution providing superior connectivity, effieciency, and security driving sustainable energy production and distribution.

USE CASES FOR ENERGY INFRASTRUCTURES

Real-time monitoring and control of facility

Wireless M2M communication and IoT device integration

Predictive maintenance

Enhanced security, privacy, video surveillance

Disaster recovery and business continuity

Environmental monitoring

Remote support and troubleshooting

AR and VR applications

Real-time outage detection and response

Integration with energy management systems

BENEFITS OF GXC ONYX PRIVATE CELLULAR NETWORKS

Improve Efficiency
Reliable connectivity to improve efficiency and effectivness of energy network operations

Secure Data
Ensure data is collected reliably and securely, without interference from other networks or devices

Complete Coverage
Provide unparalleled connectivity and coverage at a low-cost vs. public networks, satellite or Wi-Fi

Cost Effective
Lower network management cost, reduce downtime, and optimize energy usage and waste

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)