

Broadcasting Overview

Stop Wasting Money on Broadcast Infrastructure

With GXC's Private 5G, you cut set up time from days to minutes while delivering quality broadcasts at the fraction of the cost.



Go Live in Minutes

Deploy a private 5G network in under five minutes, no IT team or complex setup required.



Uninterrupted Coverage

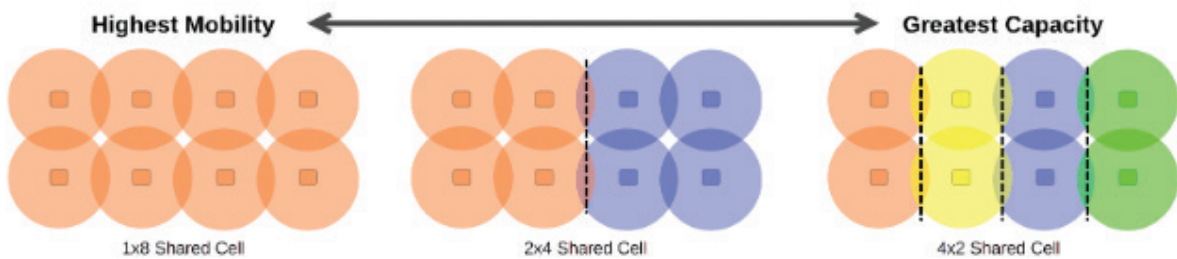
Stream flawless live video with ultra-low latency (<10 ms), no handoffs, & zero dropped frames.



Broadcast without Limits

Support all your cameras, drones, & production gear on one secure, dedicated network.

Patented Supercell Architecture



Our shared-cell design delivers sub-10 ms latency with zero handoffs, keeping feeds synchronized and frames perfectly aligned in real time. By merging multiple radios into one continuous cell, Supercell eliminates frame loss and delivers uninterrupted coverage across high-mobility, high-interference environments. This architecture guarantees broadcast-grade quality across any production scenario, from stadiums to outdoor events.

Specifications

Features	Onyx 5G (40 MHz)	Onyx 5G (100 MHz)
UL MIMO Configuration (Downlink)	2x2 (4x4)	2x2 (4x4)
UL Modulation	256-QAM	256-QAM
Peak Uplink Speed (Mbps)	140	350
Assumed Uplink per Camera (Mbps)	15	15
Max Simultaneous 4K Cameras	~8	~22
Glass-to-Glass Latency (ms)	80ms	80ms
Ideal Applications	Portable Broadcast Kits, Small Stadiums, OB Van Offload	Multi-Camera Events, Arenas, Festival Grounds
Additional Device Support	IoT, Phones, Edge AI, Robotics	IIoT, Robotics, AR/VR, UHD Cameras

Commercial Models



Portable Kits

All-in-one private 5G, deployable in minutes for secure, high-speed connectivity anywhere.



Trailers for Rent

Mobile 5G units with mast & power for temporary events, sites, or emergencies.



Deploy on OB Vans

Seamlessly integrate 5G for real-time, low-latency media production while on the move.



Managed Services

Delivering performance, support, and security to keep your events running flawlessly.