



The fastest way to **connect**, **visualize** and **control** OT networks and critical infrastructure.

Case Study

HOW MORCOM KEEPS FIRST RESPONDERS CONNECTED



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As part of our solution and architecture, we chose Tosi to provide secure remote connectivity - with security being the key factor. It allows us to monitor and control our devices in buildings that may or may not be working properly. It's been a resounding success.

Cyrus Namazi
CEO
Morcom International, Inc.

COMPANY OVERVIEW

Founded in 1984 and based just outside Washington, D.C., Morcom International provides mission-critical wireless communications infrastructure for high-stakes applications. The company's deep engineering expertise spans indoor wireless networks, aeronautical communications (ground-to-air and terminal systems), microwave networks, and emergency responder radio systems.

THE CHALLENGE: MONITOR SIGNAL-ENHANCING SYSTEMS IN 250 BUILDINGS

During an emergency, the handheld radios used by first responders must operate at a 100% service level, regardless of their location. However, modern building materials like concrete and steel naturally degrade and block these critical radio signals. To ensure seamless continuity of service, Morcom designs and installs code-compliant **Public Safety Distributed Antenna Systems (DAS)**.

To guarantee absolute uptime across a massive footprint, Morcom needed a highly secure, scalable solution to remotely monitor and manage the health of active public safety infrastructure deployed across 250 buildings throughout the Washington, D.C. area.

THE SOLUTION: SECURE, REMOTE ACCESS TO MONITOR AND CONTROL

Morcom architected and deployed a centralized management system that enables its engineering team to oversee, diagnose, and control active infrastructure across all 250 locations from a single command center.

Central to this architecture is the **Tosi Platform**, selected to facilitate secure remote data transport over standard internet connections. Robust encryption, military-grade reliability, and a straightforward, plug-and-play installation framework were the deciding factors in choosing Tosi.

KEY BUSINESS BENEFITS

- **Real-Time Visibility:** Enabled the creation of a centralized, color-coded dashboard to monitor network health across all 250 systems at a glance.
- **Rapid, Seamless Deployment:** Tosi's streamlined installation process allowed Morcom to bring all 250 building networks online quickly and efficiently without disrupting existing facility operations.
- **Secure, Reliable Remote Control:** Enforces end-to-end encryption for the daily monitoring and remote configuration of field equipment, protecting critical public safety infrastructure from external vulnerabilities.
- **Scalable Enterprise Growth:** Serving as a marquee project, this successful deployment provides Morcom with a proven blueprint to scale its remote monitoring and DAS-as-a-Service (DaaS) programs globally.



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in  **tosi**