



About TSG

Tactical Solutions Group provides an array of integrated systems that facilitate secure, real-time, and interoperable communications across different operational domains. These platforms are designed to support critical sectors such as government, military, financial, public utilities and the mining industry, where seamless coordination, security, and reliability are paramount.

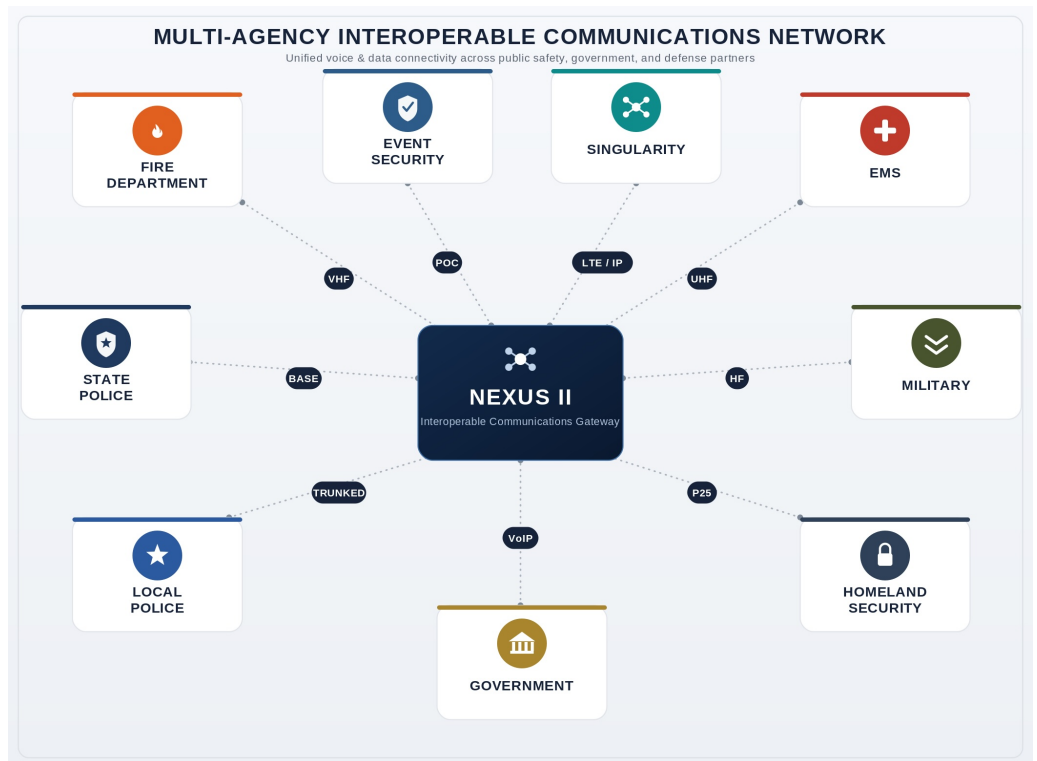
Nexus II

Interoperability Platform

Seamless communications across any system, frequency, or technology —
without rebuilding your infrastructure

Nexus II enables seamless communication across disparate systems, frequencies, and technologies without requiring complex infrastructure, software dependencies, or network redesign. In emergency response, disaster environments, and military operations, communication failures create operational risk immediately — fire departments, law enforcement, military units, maritime operators, utilities, and emergency management agencies often operate on completely different communication systems.

Nexus II bridges communications across trunked radio systems, VHF, UHF, and HF networks, P25 systems, mesh networks, LTE and broadband push-to-talk, SATCOM environments, analog and digital radios, VOIP and legacy telephony systems, and cellular networks. Unlike traditional interoperability solutions that depend on IT infrastructure or network availability, Nexus II is designed for operational continuity in **denied, degraded, or disconnected environments**.



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YEARS SOLVING

INTEGRATION AND INTEROPERABILITY
CHALLENGES

Nexus II Feature Offerings

INTEROPERABILITY FEATURES	• Bridges trunked radio systems, VHF, UHF, and HF networks • P25 Phase 1 and Phase 2 systems • Mesh networks and LTE broadband push-to-talk • SATCOM environments • Analog and digital radios • VOIP and legacy telephony systems • Cellular network integration
INFRASTRUCTURE INDEPENDENCE	• Continues operating when towers are damaged • Functions when repeaters fail • Operates when cellular networks are overloaded • No dependency on infrastructure availability • Resilient to power grid compromise • Designed for denied, degraded, disconnected environments
OPERATIONAL CAPABILITIES	• Real-time multi-domain collaboration • Multiple simultaneous talk groups • Support for dissimilar radio models • Expeditionary, vehicle, aircraft, and vessel deployment • MANET and SATCOM data integration • Access to secure e-mail, messaging, and file transfer
DEPLOYMENT & PRICING OPTIONS	• Highly customizable configurations and sizes • Consultative approach to system design • Rugged shock-mounted deployable enclosure • Dual-voltage AC and DC power compatible • Battery backup included • End user and maintainer training provided

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