

**MISSION- & BUSINESS-
CRITICAL COMMUNICATION**



GUARDSTACK COMPOUND

UNIVERSAL

GuardStack Compound is a network-of-networks which provides end users with a secure and dynamic communications infrastructure. GuardStack Compound comprises a series of Tactical Nodes (GuardStack Platform) and Tactical Clients (GuardStack Application) interconnected and enabled by multiple forms of communications networks and GuardStack Backbone. Interconnections within the User Access are automatically established. The GuardStack Platform also integrates multiple networks and radio access technologies, and provides a vendor and technology-agnostic secure middleware.

SELF-ORGANIZED

Communication at the tactical edge requires a high degree of mobility for tactical clients as well as Tactical Nodes. The GuardStack Platform dynamically adapts ever-changing network topology according to mission requirements without manual intervention. Services are automatically adjusted according to network availability and bandwidth capacity. When a high capacity connection can no longer be maintained due to increased range for example, network management systems automatically take over to select and provide an extended range capability albeit at a lower data throughput. Tactical Client (GuardStack Application) also provides a universal interface for all end-user services, decoupled from the underlying network infrastructure and complexity of connectivity and handled transparently for the tactical user.

SECURE

Applications and data can be assigned to one of multiple information security domains accessible to end users, allowing them to easily switch between them without requirement to change devices. This eliminates the requirement to spread data across multiple devices and locations. Essential services like audio-based communication, high bandwidth applications including real-time location services and video are exchanged at the tactical edge to improve situation awareness and enable faster and more rational decision-making. Each GuardStack Platform node also enables additional services including audio-based communication (including Push-to-Talk) to be autonomously provided even if the GuardStack Backbone connection is unavailable.



DEFENSE

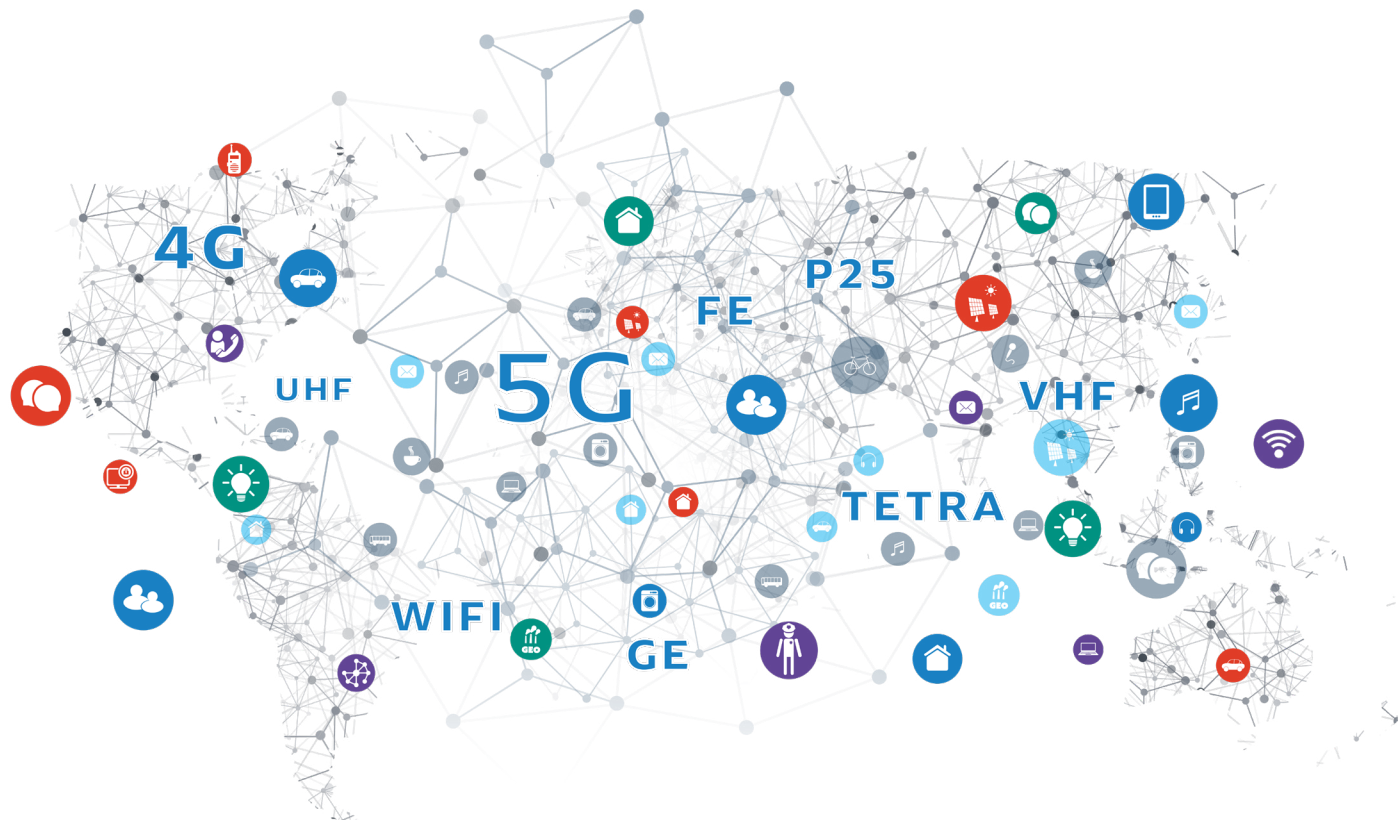


PUBLIC SAFETY



INDUSTRIAL

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THE FOUNDATION

GuardStack Compound is a network-oriented open-transport infrastructure. The IP-capable family enables legacy solutions to be seamlessly integrated into the network when no other option is available. This ultimately leads to an environment in which networks of information flows can be achieved independent of access technology. This secure information availability is key to the Network Centric Warfare paradigm. All applications and data belonging to other information security domains are at the user's disposal as long as they carry an appropriately secure device. Relevant data is presented to the tactical user tailored to their role and task, enabling the tactical user to carry out their operational duties as effectively and efficiently as possible. GuardStack Compound is a highly secure, dynamic and self-organizing communications infrastructure with single user-interface as the foundation for future-proof critical communication at the tactical edge.

ABOUT GUARDSTACK

GuardStack Software Suite has been specifically designed to address the most stringent communications and information-sharing requirements facing armed forces at the tactical edge. Providing a foundation of trusted middleware to enable mission critical communications, GuardStack Tactical Core ensures security, interoperability and network mobility using government open source code to meet national security standards.

GET IN CONTACT



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