**SMX** powered by **aws**

# The ACE in Your Communications PACE Plan

## SMX Elevate NetEdge—Delivering Mission-Specific Comms on Demand

### Jamming. Disruptions. Attacks. Outages. Dead zones.

In the field, the unexpected isn't just possible—it's guaranteed. And when your communications depend on static, fixed networks, every second of silence puts your mission—and your people—at risk. No time to wait. No room for failure. Today's complex operations demand networks that move with the mission, adapt in real time, and scale without limits—anywhere.

SMX® Elevate™ NetEdge, powered by Amazon Web Services (AWS), augments your primary network to ensure uninterrupted data transport when and where you need it most. This global SD-WAN solution is the alternate, contingency, and emergency (ACE) in your primary communications plan, delivering immediate, resilient, and always-on connectivity regardless of user location.

Stop adapting your mission to the network. Instead, rely on NetEdge—the network that adapts to your mission.

**PERSISTED, GLOBAL NETWORKS**

Troops from the US, NATO, and partner nations conduct joint combat training exercises in different parts of the world.

NetEdge provides a secure, persistent network that supports high-volume, real-time coordination during exercises—enabling seamless sharing of operational insights, after-action reports (AARs), and lessons learned.

**RAPIDLY DEPLOYABLE NETWORKS**

US military forces, along with FVEY partners and allies from Japan and South Korea, require rapid, secure networks for a two-month operation in remote Australia.

NetEdge provides three temporary, disposable networks: US-only, FVEY, and a shared network for Japan and Korea, with quick deployment and secure communications.

**DISPOSABLE NETWORKS**

A natural disaster has struck, prompting a rapid US military response to support humanitarian efforts, including search and rescue, lifesaving operations, and reconstruction.

With the nation's communications infrastructure down, NetEdge delivers operational connectivity—establishing networks for field teams and reach back to critical ops centers within 24 hours.

# Edge-to-Edge Global Communication

Combining the power of AWS Cloud Edge Global Access (CEGA) with multiple last-mile, security, and routing technologies, NetEdge makes rapidly deployable and disposable edge-to-edge and edge-to-home data transport a reality.

NetEdge delivers secure, high-speed global communications across mission-critical environments by integrating multiple modalities—such as fiber, 5G, satellite, Super Wi-Fi, and others—with AWS resilient compute and transport capabilities. Critical intelligence is quickly transmitted to the AWS infrastructure, where it is secure and obfuscated by commercial traffic. From there, it can be disseminated and delivered to any location. Net Edge addresses ship-to-shore, edge-to-edge, and edge-to-home communication requirements.

Get enhanced situational awareness and mission continuity, even in denied, degraded, intermittent, or limited (DDIL) settings. The NetEdge security framework defends against cyberthreats, enabling real-time intelligence sharing and command execution, while automated failover and dynamic routing ensure reliable connectivity.

# If the Comms Plan Breaks, Rely on SMX NetEdge

- **PACE-by-default.** Augment your existing primary networks with ACE transport options that seamlessly and dynamically prioritize traffic based on mission context and priorities—not preset or static comms plans.

- **Resiliency through diversity.** Build a multipath mission network around transport that is available: SATCOM, fiber, LTE/5G, or Wi-Fi.

- **AWS CEGA as the backbone.** Your data rides securely inside AWS CEGA, reducing the signature of your transport and ensuring resilient, planet-scale operations.

- **DDIL-first design.** NetEdge is natively built for multipath redundancy at the tactical edge and the CEGA core, ensuring mission continuity in any situation.

- **Zero Trust in minutes.** Each mission network is uniquely generated and later discarded specifically for your operations, with full segmentation and end-to-end encryption. NetEdge meets Joint Special Operations Command (JSOC) standards by establishing mission-ready networks in fewer than 24 hours.

- **Partner bridging.** Easily share information with partners in the field without changing your field kit equipment. Link those disposable partner devices via Super Wi-Fi—ideal for ATAC or TAC use cases.

# Drive Mission Success with SMX and AWS

SMX is a global leader in C6ISR integration and cloud solutions, supporting combatant commands and special operations for decades. We are also a premier or top partner with all three major cloud providers.

As a leading developer of mission-focused solutions, we are at the forefront of bringing together technology, strategy, and execution to drive uninterrupted mission success.

# Accomplish Your Mission with NetEdge

For more information, contact us at netedge@smxtech.com, or visit www.smxtech.com/netedge.

## ELEVATE NetEdge℠

**SHARED VISION. OUTCOME ASSURED.**
SMX harnesses the transformative power of technology to achieve mission success.