GENERAL DYNAMICS

Mission Systems

Product Update

TACLANE-Nano (KG-175N) Product Update Description

General Dynamics Mission Systems adds functionality to protect against new and evolving cyber threats, increasing network scalability and efficiency.

The [TACLANE®-Nano](#) (R4.3v3) enhancements include:

- Heartbeat: The heartbeat signaling and zeroize feature provides critical function expanding use in high-risk environments and applications such as unmanned/manned platforms, coalition and covert operations. Complimentary to the Render Useless Zeroize (RUZ) feature, the zeroize heartbeat enables a remote signal that triggers the encryptor to zeroize erasing critical security parameters making the device un-usable by adversaries.
- Increased Security Associations (SAs): Expanded support for almost four times the number of SAs between TACLANE encryptors increasing the number of connections and increasing flexibility. This enhancement positions the TACLANE-Nano as a viable replacement for legacy fast ethernet encryptors, such as the TACLANE-Micro (KG-175D) and other 100 Mb HAIPE® devices. In addition to this software update, the new TACLANE-Nano Adapter Module (for KG-175D) assists users with replacing their legacy TACLANE-Micro encryptors that are rack mounted or in an enclosure eliminating the need for rewiring or reconfiguration.
- Increased Topology Entries: Increased the capacity of the topology table enabling four times the capability to support a mixture of Local Enclave Prefix (LEP) and Peer Enclave Prefix (PEP) entries. This adds redundancy, resiliency and flexibility for additional secure connections.

These features available in the new software [Release 4.3v3](#) are both easily field upgradeable and backwards compatible with earlier platform releases. To request the new software visit [www.gdmissionsystems.com/infosecsupport](#).

TACLANE R4.3 is supported by the [GEM® One Encryptor Manager](#) (R1.7). GEM One provides remote management of [TACLANE HAIPE and ethernet encryptors](#) as well as [Sectera® vIPer™ Secure Phones](#) and the new [ProtecD@R® Multi-Platform (KG-204)](#) Data at Rest encryptor from anywhere in the network and offers a holistic view and administrative capabilities for more detailed situational awareness.

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