

July 2024

Product Update

TACLANE®-Nano (KG-175N) Release 4.3v4

General Dynamics Mission Systems adds functionality to protect against new and evolving cyber threats, increasing network scalability and efficiency. These features are enabled in the new software Release 4.3v4 by performing an easy field software upgrade and this release is backwards compatible with earlier platform releases.

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

- Remote PT Human Machine Interface (HMI) Function allows remote users to log on to the TACLANE HMI using a secure HTTPS TLS connection to the Plaintext (PT) interface or through a HAIPE Security Association (SA) tunnel. Remote PT HMI access must be enabled and authentication of the TACLANE is performed using Public Key Certificates (PKCs).
- HTTPS File Transfer: allows the operator to upload Field Software Upgrade and License files and download Audit Logs using HTTPS over the PT interface.
- Increased the total supported SAs from 31 to 63.
- Added the ability to delete all Manual SAs.

The TACLANE-Nano Release 4.3v4 also includes the following features:

- Advanced Cryptographic Capabilities (ACC)
- Over the Network Keying (OTNK)
- Render Useless Zeroize (RUZ)
- Performance Enhancing Proxy (PEP)

TACLANE R4.3v4 is supported by the GEM® One Encryptor Manager. GEM One provides remote management of TACLANE HAIPE and EDE encryptors as well as Sectera® vIPer™ Secure Phones and the 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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