HENSOLDT **IFF**

National Secure Mode Solution

HENSOLDT offers its ITAR-free National Secure Mode (NSM) IFF solution to provide Nations with a sovereign IFF capability. The NSM solution integrates Nation-developed proprietary cryptographic algorithms. NSM solution is the way to ensure adequate interoperability between all National Forces to prevent fratricide. HENSOLDT IFF NSM is a turn-key, state-of-the-art, comprehensive, Nationwide solution including IFF crypto-computers, key generation, distribution and management.

Main features

- IFF messages encryption/decryption, IFF algorithm customisation by national user
- IFF key generation, key and time management
- Central national database (KAMU) and local databases (KAMS).

Compatibility

- All Mk XIIA host equipment: airborne, naval, ground radar station and air defence systems.

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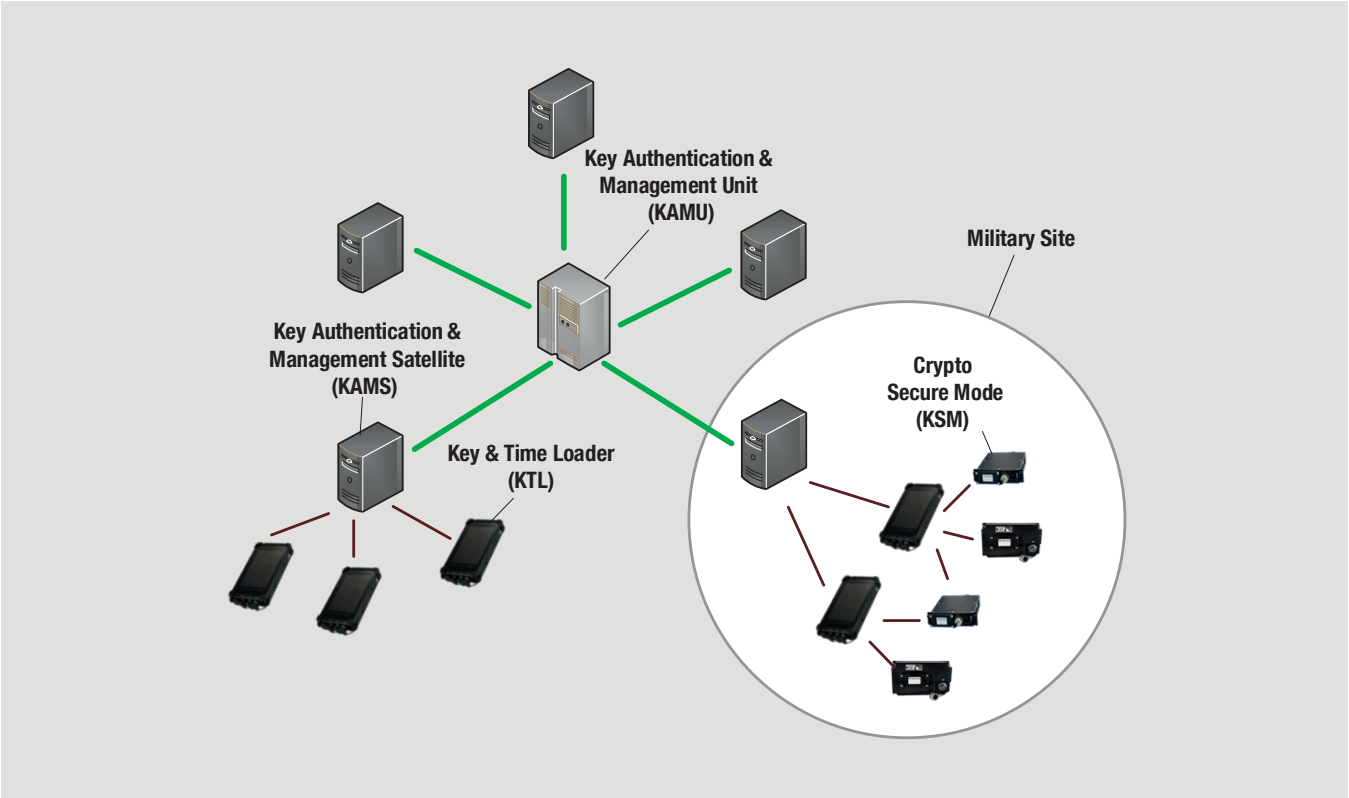
HENSOLDT
Detect and Protect.

HENSOLDT Product Line IFF National Secure Mode



Key Authentication & Management Unit (KAMU)

- Key generation
- Transfer of encrypted IFF keys to KAMS
- Generation of KAMS, KTL and KSM certificates
- Management of equipment and activity reports
- Database management system

Key Authentication & Management Satellite (KAMS)

- Database management for a dedicated military site
- Transfer of encrypted IFF keys to KTL
- Local management of equipment and activity reports

Key & Time Loader (KTL)

- Loading / Transfer of encrypted IFF keys to KSM
- Loading of time to KSM
- Management of KSM authentication

Secure Mode (KSM)

- IFF messages encryption and decryption
- Key and Time management

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Detect and Protect.

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