



HENSOLDT IFF

National Secure Mode solution

The IFF National Secure Mode (NSM) proposed by HENSOLDT is a turn-key and state-of-the-art solution offering the key generation / distribution and IFF crypto-computers.

HENSOLDT provides countries with the capability to have an adapted IFF system based on their own cryptographic algorithms.

Using the NSM solution is the way to ensure adequate interoperability between all actors of the national forces and to avoid any fratricidal shot.

Our NSM solution fits all IFF platforms.

Main features

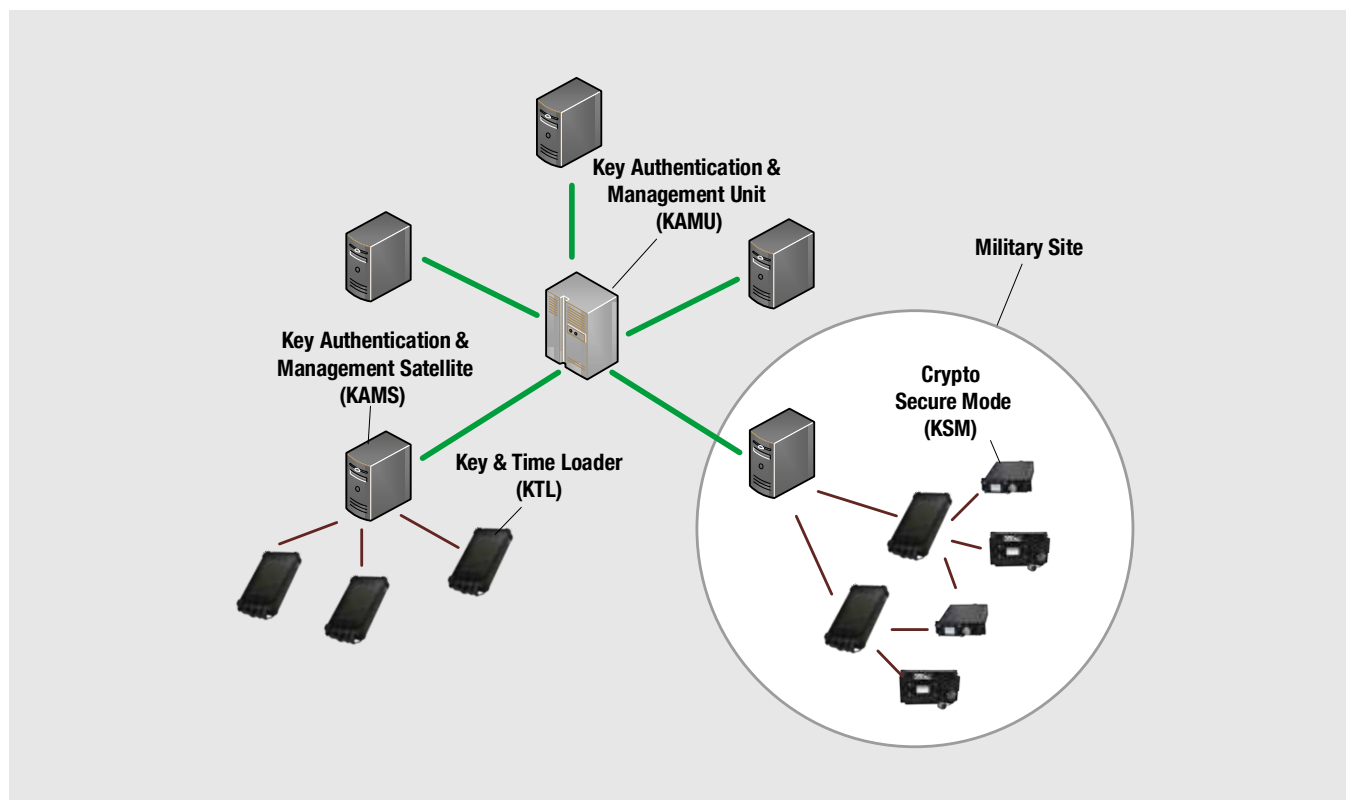
- Encrypt / Decrypt IFF messages
- IFF key generation
- Key and certificate generation used to transfer IFF keys
- Equipment park management
- Key and Time management
- IFF algorithm customization by national user
- Central national database (KAMU) and local databases (KAMS)
- National IFF system
- ITAR free equipment

Compatibility

- HENSOLDT IFF Portfolio:
MSSR2000I / LTR400D / MSR1000I / BT11000I
- Standard AIMS interface

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