



Tactical Communications > Keys Management

EKMS

Electronic Key Management System

Secure generation, transport and distribution of keys – Security in the whole key lifecycle

Main Functional Capabilities

NATO key management system used by Spain

Electronic distribution including automatic reports

Management of crypto devices and secure documentation

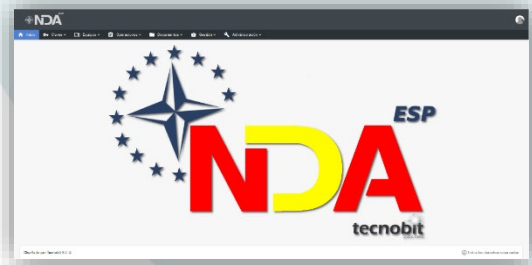
Sovereign key generation and management capability

Different configuration on demand (server, client, standalone)

Provides keys to the end user with secure transport (own key transfer device)

TECNOBIT has developed an EKMS fully compliant to NATO standards. The system provides the capability of managing crypto and electronic keys with the ability to import and export via DTDs or interconnected nodes:

- Management, report and audit of:
 - Electronic keys
 - Crypto devices
 - Users
- Automatic Reports (Transfers, Hand Receipts, inventories, etc.)
- High availability and redundancy (backups)
- Electronic key distribution
- SKL and other key transfer devices compatibility
- Electronic key compliance



EKMS NODE



Key Processor (KPRU): Hardware with crypto generation capabilities. Fully-developed by TECNOBIT, it implements the cryptography to protect the input and output of cypher keys.

- Tempest SDIP-27/1 Level A certified
- Import and export keys via DS101 (EKMS 308 Rev. F)



Management and storage of crypto account information in a professional data base and through a web client



Multi-domain key transfer device – OTAN, UE or National (two loaded simultaneously) selectable at power up via CIK – crypto ignition key



National key generation and exportation via DS-101 to integrate with other NATO systems



Sede central:

Calle Marie Curie 19, 4ª planta
28521 Rivas-Vaciamadrid (Madrid), España
Tel: +34 916 617 161 Fax: +34 916 619 840

Fábrica:

Calle Fudre, 18
13300 Valdepeñas (Ciudad Real), España
Tel: +34 926 347 830 Fax: +34 926 312 896

grupooesia.com

tecnoBIT.es

producto@oesia.com