



**Tactical Communications** > Keys Management

# EKMS

## Electronic Key Management System

*Secure Distribution, generation and transport of keys – system to complete cypher keys life cycle*

### Main Functional Capabilities

**NATO key management system used by Spain**

**Electronic distribution including automatic reports**

**Management of Crypto devices and secure documentation**

**Capability of generating national keys specific to customer country**

**Different configuration on demand (server, client, standalone)**

**Provide 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 of crypto and electronic keys with ability to import and export via DTDs or interconnect 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
- Different electronic keys compliance



### EKMS NODE



Key Processor (KPRU): Equipment with crypto generation capabilities. Fully-developed by TECNOBIT by implementing the cryptography to protect the input and output of cypher keys of the system.

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

**GEMA**  
Gestión de Equipamiento y Material

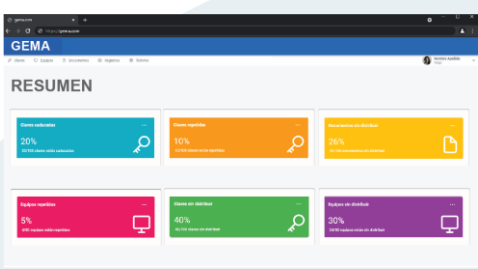
Management and storage of crypto account information with a professional data base and multiple client web

**ÉRMES**  
Equipo remoto de material seguro

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

**HÉCATE**  
The Keymaker

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



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