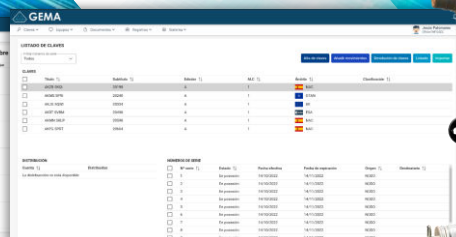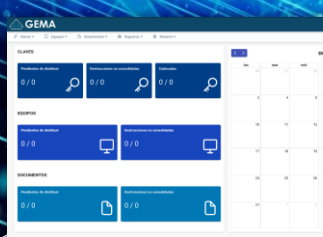**cipherbit**
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GEMA+EKMS

System provides the capability of managing the crypto material for NATO crypto account. Allows secure distribution, generation and transport of keys – system to complete cypher keys life cycle

Decades of experience in classified information encryption and keys management for the defense sector

Maximum security over the complete lifecycle of the keys

Generación

Secure store and distribution

Carga

Cifrado

HÉCATE
The Key Maker

ÉRMES
Secure remote equipment

CERBERUS
Cifrador embarcado

CIFPECOM
Cifrador personal de combate

GEMA EKMS
Gestión de Equipamiento y Material

ÄRGES

cipherbit

Management of Crypto devices and secure documentation

NATO key management system used by Spain

Electronic distribution including automatic reports
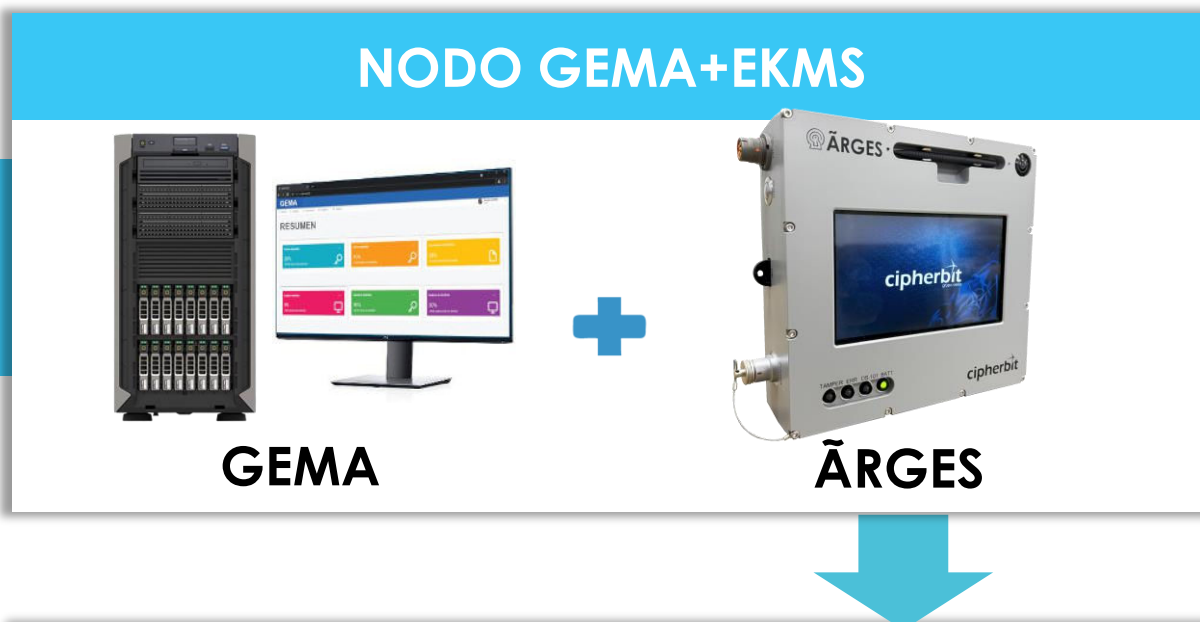
Specifications:

CIPHERBIT 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:

Electronics Keys	Equipment	Documents

- 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

NODO GEMA+EKMS

GEMA + ÃRGES

Equipment with crypto generation capabilities. Fully-developed by CIPHERBIT by implementing the cryptography to protect the input and output of cypher keys of the system:

- Import and export keys via DS101 (EKMS 308 Rev. F)

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oesia networks   tecnobit   cipherbit grupo oesia   UAV Navigation grupo oesia   inster grupo oesia