



 Tactical Communications > Ciper

CIFPECOM

Personal Crypto for dismounted soldier
(TZ-1001)

Secure Voice and Data on tactical environments, easy to integrate with Command, Control and Communication Systems.

Main Functional Capabilities

Key element for secured Battalion due to advantages of SIZE and INTEGRATION

Optimized to be user transparent (no channel overload)

Adaptation of Voice and Data secure modes to the communication channel

It is part of the Spanish Approved Product Catalog (Restricted and Confidential level)

Causes no operative impact in its use by adding to it security

Keys and missions generation, even in deployment



In addition to in line encryption, it generates integrated and compatible solutions in different configurations:

- **TZ-1001 (modo SLAVE-CRYPTO)** GESCOMET integrated as external crypto
- **TZ-501R** (secure HW board): embedded on UCS of RFE
- **TZ-2001R-MC** (SW crypto): application of secure SW for BMS (Tablet GETAC F110G4 Windows 10)



TZ-1001



TZ-501R



TZ-2001R-MC
(tablet W10)

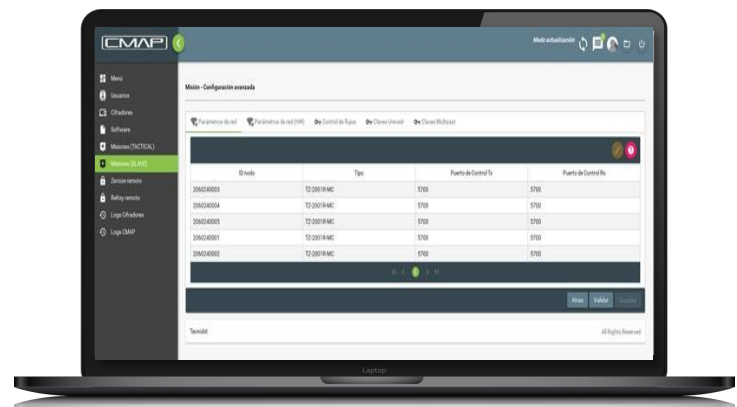
SECURE MODES

- SCIP-2400 Multipoint
- STACIS-2400
- TSVCIS-1200 (Narrow band)
- TSVCIS-600 (Narrow band)
- TSVCIS-1200/2400
- TSVCIS-600/2400
- IP Data Encryption GCM (with authenticated tag) y CTR
- TDMA Data Encryption

SECURITY MECHANISMS

Integrity and configuration checks
Local and Remote Secure erase (zeroice).
Secure Boot - Crypto Ignition Key (CIK)

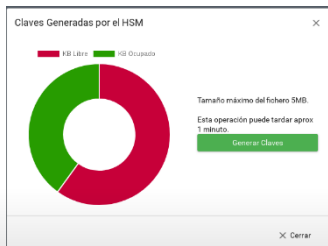
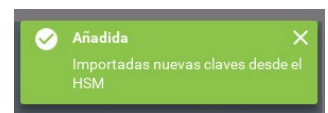
CIFPECOM provides a key management center and network configuration (CMAP) to easy deployment, including all configurations



CMAP includes a HSM (HW Security Module for key generation fulfilling CCN-STIC-130 spanish standard) to operate on ZAR sites.

It's possible to deploy CMAP in operations having had the keys loaded before its application.

The creation and distribution of the missions and keys is done in the most transparent way to the operation **GESCOMET y BMS via USB**



Headquarters:

Calle Marie Curie 19, 4ª planta
28521 Rivas-Yaciamadrid (Madrid), Spain
Telephone: +34 916 617 161 Fax: +34 916 619 840

Factory:

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

grupooesia.com

tecnobit.es

producto@oesia.com