

## **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
Batalion 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



12-200 | K-M

(tablet W10)

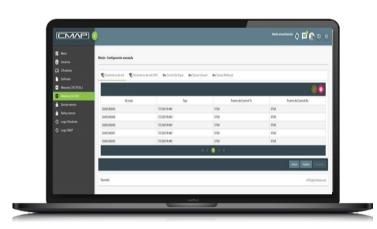
#### SECURE MODES

- 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

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

#### **SECURITY MECHANISMS**

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



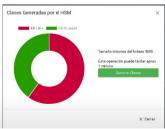
CMAP includes a HSM (HW Security Module for key generation fulfilling CCN-STIC-130 spanish standard) to opérate on ZAR sites.

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** 









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