



# Cryptel - MuST

Multi-purpose Secure Terminal TCE 811

# Cryptel<sup>®</sup>-MUST

The Cryptel<sup>®</sup> -MUST is a versatile NATO approved platform for hosting a wide range of secure applications. It enables user friendly and streamlined handling of large amounts of crypto keys and classified data files at rest or in transit.

- The TCE 811 device is hand-held, robust and waterproof. It enables secure collaboration and file sharing without permanent encrypted infrastructure.
- Its flexible architecture enables upgrade of firmware with new applications and algorithms based on needs from customers or new requirements from regulatory authorities.
- Cryptel<sup>®</sup>-MUST is designed to maximise the overall User Experience for Crypto Custodians and other users handling all types of classified files up to Cosmic Top Secret.

**Flexible - User friendly – State of the art**

## Main features

### ELECTRONIC KEY FILL APPLICATION

- Application for using TCE 811 as an efficient and modern fill device according to EKMS 308 (DS-101 / DS-102 / RS-232) for loading crypto keys into all kinds of End Cryptographic Units.

### SECURE FILE STORAGE APPLICATION

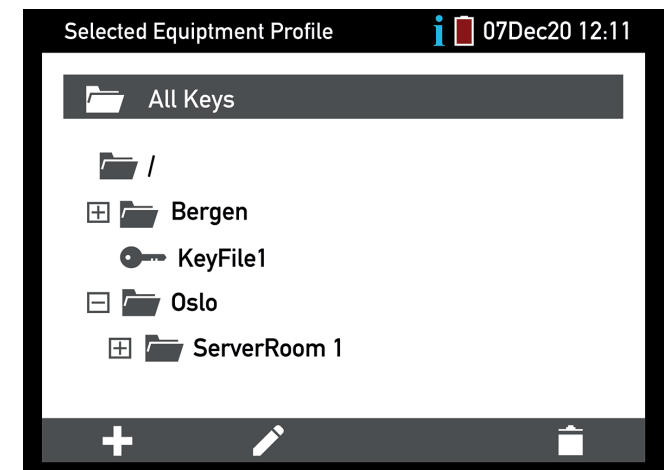
- Large capacity secure storage and handling of documents, spreadsheets, videos, images etc. of all classification levels.
- Support for secure export of files of different classification levels
- Metadata, such as filename, timestamp, and security classification of the stored files can be displayed.
- Easy drag-and-drop on Windows PC for file transfer to and from TCE 811.

### CRYPT AND SHARE

- Offline encryption for sending keys and files of all classification levels over the Internet or other unprotected or low-grade networks.
- Enables communication where no encrypted infrastructure is in place. Replacing the courier lowers the cost and improves information security and human safety.

### OUTSTANDING EASE OF USE

- Key display profiles with user-defined filtering and sorting of the keys.
- Quick selection of visible metadata for each key.
- Free text comment and key expiry dates can be added to the keys.

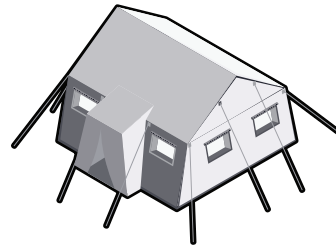


# Security

- Approved by NATO for all classification levels (MCM-0065-2020, MCM-0224-2024).
- TEMPEST: Approved according to SDIP-27 Level A.
- Tamper detection and response according to FIPS 140-2 Level 4.
- TCE 811 is Unclassified/CCI without Crypto Ignition Key (CIK) inserted.
- Two-factor authentication and access control.
- Audit log including necessary information for secure traceability and mandatory accounting of key material and other high-grade data files.

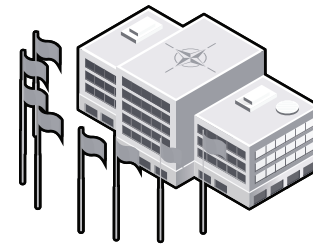
# Use cases for Crypt and Share

**The Cryptel®-MUST enables secure transfers of files and crypto keys. In addition to saving time and cost, replacing a courier with the Crypt and Share service results in higher information security and improved human safety.**



## Secure temporary communication

Crypt and Share may be used in situations when establishing and managing an encrypted infrastructure is regarded as too cost inefficient or not practically doable, or the established secure lines are temporarily out of order.

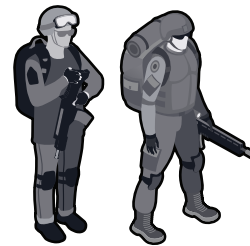


## Reports and Crypto Keys to and from embassy

An embassy, consulate or official delegation without and encrypted infrastructure may use Crypt and Share to exchange classified information with each other or their Ministry of Foreign Affairs.

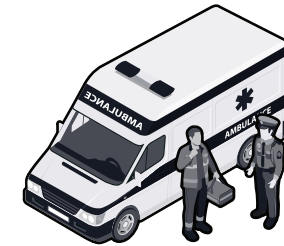
# Flexibility and user friendliness

- Allows for multiple users with different permissions and privileges, granting access to different applications, menus and functions.
- The 64GB file and key storage is easily organised and managed based on the operator's preferences, supported by incremental search across all folders.
- SW upgradeability ensures compliancy to future algorithms, applications, protocols and user needs.



## Crypto Keys to remotely located troops

Crypt and Share offers an ability to send keys intended to protect high-grade communication via open civilian unclassified networks or low-grade military network, and can remove a significant threat in maintaining the communication in the battlefield.



## Cross domain communications

Crypt and Share enables secure communication across borders and domains without being connected to a common permanent, high grade encrypted infrastructure.

# THALES

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