



**Crypto Field Terminal HC-6830.
Modernity Through Simplicity.**

RADIO SECURITY SOLUTIONS



Networked Operations – Mobile, Fast and Secure.

The digital exchange of information under a network-oriented doctrine of operation is already reality. Military operations, police actions and deployments of protective or security forces increasingly depend on networked means of communications working in tandem. A seamless line of digital command and control assures the success of each mission today. Decisions relevant to the mission can be taken quickly in this environment and exchanged with maximum communications security between commanders and the deployed forces. The Crypto Field

Terminal HC-6830 is well-protected against rough field conditions and is thus a central element in advanced and secure command systems. With its flexible architecture and universal interface, the Crypto Field Terminal links all hierarchical command levels regardless of the command organisational structure involved (including C⁴ISTAR). With its messaging functions, the terminal assures a message group free of time delays. Transmitted information is encrypted at once to the highest cryptographic standards with the tried and tested encryption tech-

nology of the HC-6830. Consequently, the informational and organisational integrity of the operational command is fully guaranteed. But that is not all. The unit's robust design and its simplicity of operation in all respects also assure reliable and total use. Users benefit from maximum mobility in the field.

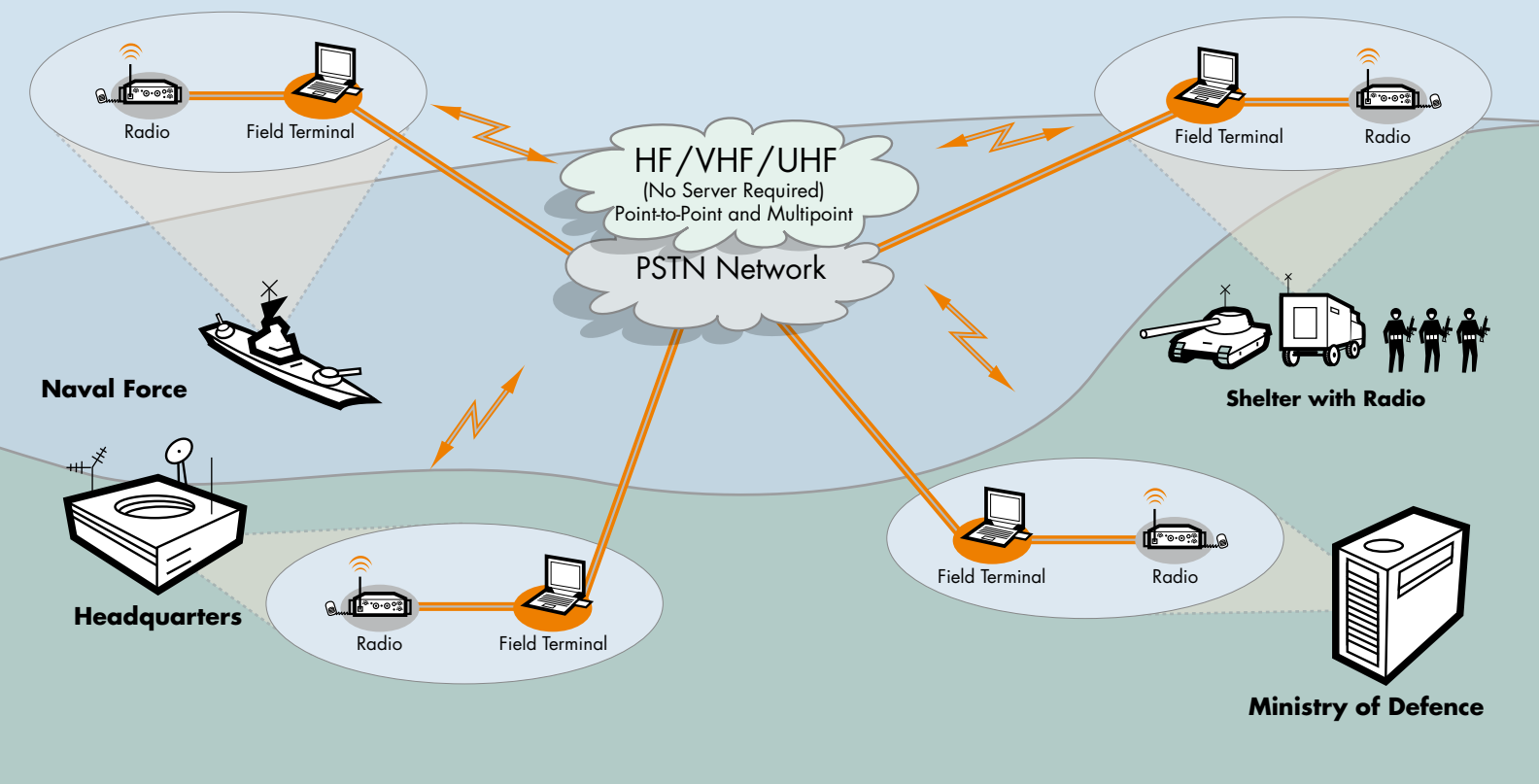
Specific Characteristics:

- All-in-one/plug-and-play design
- Convenient operation and management thanks to the graphical user interface
- Unique diversity of user interfaces: versions available in English, Arabic, French and Spanish
- Application software for word processing and secure end-to-end communications in HF/VHF/UHF radio networks and over dial phone lines (PSTN networks)
- Sturdy protective housing
- Maximum mobility
- Can be configured as needed for operation by satellite, GSM and LAN.
- Universal USB interface

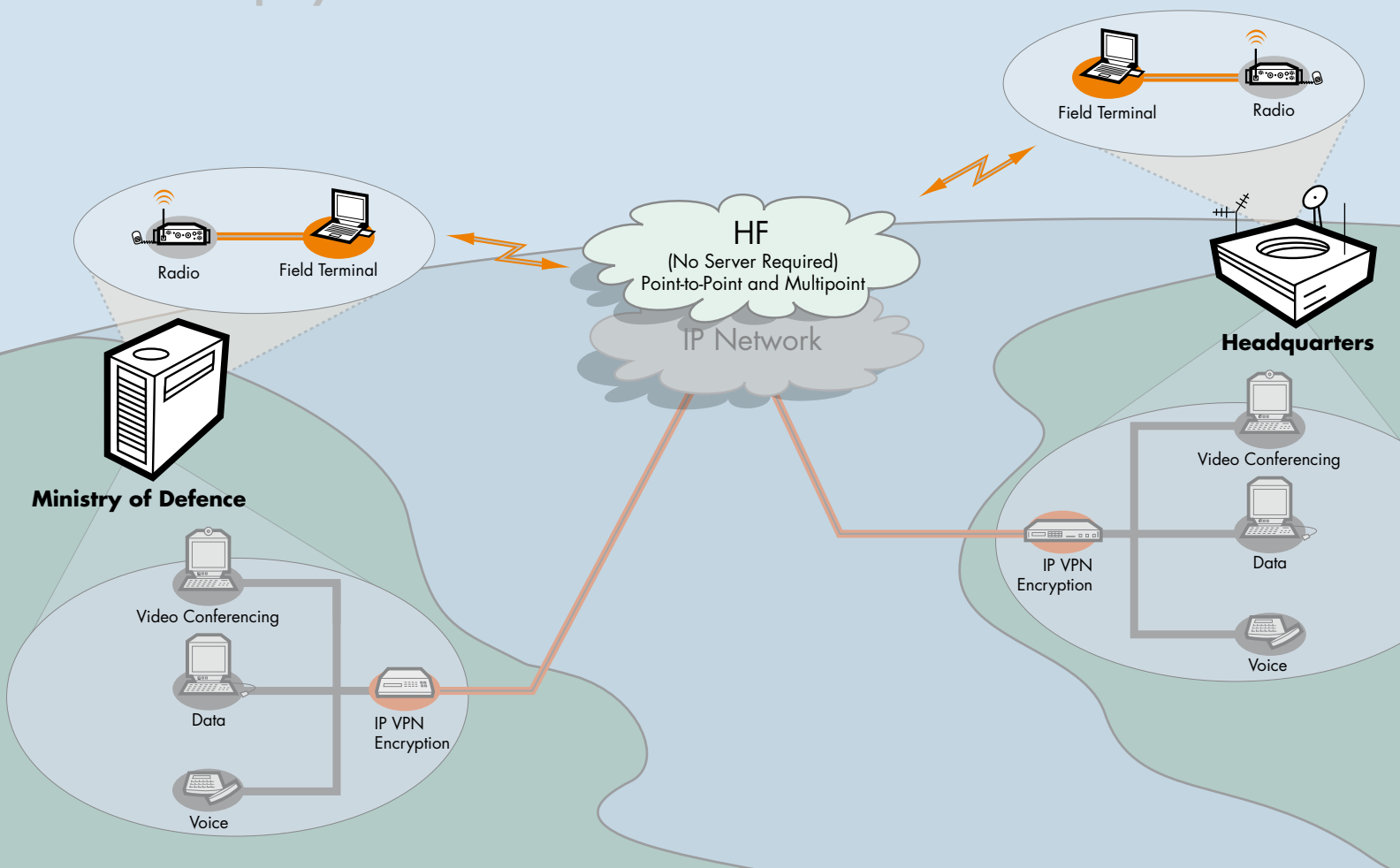


Crypto Field Terminal
HC-6830

Configuration Examples for Crypto Field Terminal in a Virtual Scenario.



Configuration Examples for Crypto Field Terminal as Backup-System in a Virtual Scenario.





All-in-One and Plug-and-Play Design.

The Crypto Field Terminal HC-6830 is a complete work station that enables you to communicate securely under the toughest field conditions. You are ready for action immediately without any need for expensive, time-consuming training and regardless of the additional hardware or software involved. The ultra-easy Windows-like user interface makes sure of that. The integrated phone modem guarantees flawless communication. With the optional plug-and-play HF modem, you can extend your communication range substantially and integrate the Field Terminal itself into your radio network. That provides you with a cost-effective all-purpose workstation plus a backup system for sensitive data.

The all-weather aluminium/magnesium housing, water-impervious keyboard and outdoor 13.3 colour TFT monitor meet all military design criteria and make the HC-6830 an indispensable tool for all security organisations. Unlike conventional PC-based units, the Crypto Field Terminal is extremely stable in operation, designed as it is to be a self-contained unit with its own operating system. You can nonetheless install subsequently approved software updates. A broad range of secure, high-quality accessories completes the all-round capabilities.

Comprehensive Accessories

Package:

- AC/DC current adapter
- DC/DC current adapter
- Battery charger
- Rechargeable batteries
- Vehicle installation kit
- Field carrying bag
- Carrying bag
- Carrying case
- Radio interface cable (open end)
- Ruggedised printer
- Starter kit
- Maintenance support kit



Communication Security – At Any Time.

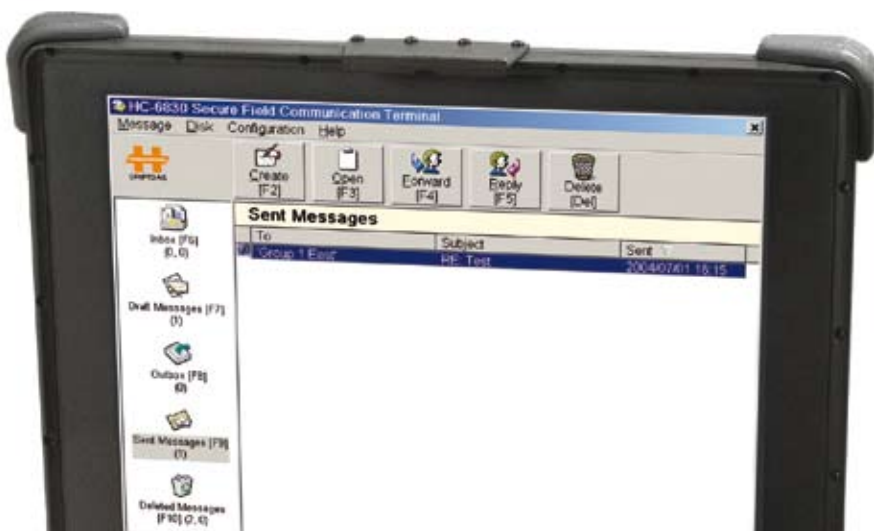
The state-of-the-art encryption technology of Crypto AG provides all-round security for communications with the HC-6830. Thanks to symmetrical encryption, multiple protection zones and a secret customer-specific algorithm which the user can profile and nationalise, the opposing side will never be able to decipher intercepted messages even if all keys are lost. You can also check the functionality of your algorithm at any time yourself with the unique verification tool (ACC). Data and measurements relevant to security are stored encrypted on the hard disk, rendering their misuse impossible.

The local security of the terminal is assured by the start and access check as well as the encryption of the storage media. The uniquely simple administration application allows security managers to manage the security parameters quickly and conveniently.

You too can profit from the professional training, product training and user certification which Crypto AG provides. Training on unit maintenance is also covered in the range of engineering and after-sales services.

Specific Characteristics:

- Generation of genuinely random keys
- Encryption is carried out exclusively in a separate tamper-proof security module
- Even qualified wiretapping attacks are prevented thanks to symmetrical, secret algorithms profiled by the user
- Highly effective approach to security management
- Access protection against unauthorised use
- Start-up protection
- Encryption of hard disk



So Easy.

The Crypto Field Terminal HC-6830 is certified to MIL-STD-810E, which means it is suitable for use in the field. With the starter kit, users can maintain the terminal themselves at no expense. The extensive maintenance support kit allows independent repairs. It is all so easy.



Crypto AG – To Remain Sovereign.

Crypto AG is your expert partner for the efficient and secure handling of information.

As a legally and economically independent Swiss company, we are not subject to any export restrictions. We have been concentrating on developing, manufacturing and implementing custom security solutions for over 50 years.

Our range comprises the latest technology and comprehensive services. After-sales service and product training that guarantee autonomous operation and high availability are assured over the system's entire lifetime, whatever the user environment.

You too can rely on the expertise and capability of Crypto AG.

Customers from over 130 countries are already doing just that.

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