

DCS-1800 Security Software

Voice & Data Encryption for Cellular & Satellite Phones

Developed for cellular and satellite phone manufacturers for easy inclusion of the **DCS-1800 Security Software** into the phone, thus providing the consumer with an operator friendly self contained secure wireless phone for voice and data communications.

The **DCS-1800 Security Software** provides high-grade encryption capabilities for cellular and satellite telephones; **CopyTele** brand products are universal and easy-to-use. Confidential and private information must not be communicated over clear cellular channels unprotected. In this day and age, government, business and personal communications need to be protected and information kept confidential, away from prying eyes and ears.

The **DCS-1800 Security Software** contains the design and development technology of **CopyTele, Inc.** and utilizes the highly regarded **Triple DES** or the new **Advanced Encryption Standard (AES)** digital cryptographic algorithm.

When it comes to information security ...CopyTele has the key

CopyTele DCS-1800 Security Software Features

Cellular/Satellite Voice and Data Encryption

- Encrypt cellular and satellite voice and data communications.
- Secures all cellular platforms GSM, CDMA, TDMA and others as developed.
- Compatible with CopyTele's desktop and wireless encryption systems.
- Designed for easy insertion into the telephone's code.
- Automatic random key management system.

Specifications

Encryption Algorithm: Triple DES or the Advanced Encryption Standard (AES): one algorithm per unit

Cryptographic Traffic Encryption Key: Minimum 3.4×10^{38} combinations using Diffie-Hellman key processing

Compatibility: DCS-1200, DCS-1400, USS-900, USS-900 Security Software.

Cellular Phone Minimum Specifications:

Data Capable Wireless Modem

Flash Storage 35K Words

DSP: TI TMS 320C542 - TI TMS 320VC5402 *

Performance: 30MIPS

* For inclusion in a telephone which utilizes your architecture contact CopyTele at info@copytele.com

Specifications subject to change without notice.

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IT'S A NECESSITY!

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