

CERTIFAX

Mutual

Authentication

and

Encryption

for Facsimile

Transmission



NO
MISDIRECTION

NO
INADVERTENT
DISCLOSURE

NO
IMPERSONATION

NO
INTERCEPTIONS

RISK FREE FAX TRANSMISSIONS

CERTIFAX 3000 secures sensitive facsimile transmissions from inadvertent or intentional disclosure, ensuring that confidential fax transmissions remain confidential.

PLUG IN AND BEGIN SECURE TRANSACTIONS

- Basic send/receive functions “in the clear” or encrypted are transparent to the user.
- Access to other security functions can be incorporated into the fax dial pad or entered into the **CERTIFAX** keypad.
- Security officers can easily control security functions and perform administration with the keypad interface.
- The LCD display guides your security officer from set-up to maintenance.

- Authenticates both S
- Encrypts the data for
- Logs all successful tr
unsuccessful attempt
- Stores faxes in secure
- Implements NIST ap
FIPS 140-1 Level 3

COST-EFFECTIVE SCALABLE SECURITY FOR ANY SIZE ENTERPRISE

CERTIFAX can be configured to meet the demands of your established or growing security policies. Configurations can be applied to any one of three access levels, with each level demanding additional user authentication.

SERIOUS THREATS

MISDIRECTION - Accidentally dialing wrong numbers or pressing incorrect speed dials.
IMPERSONATION - Someone impersonates the sender, creating a document that looks like an original.

CERTIFAX

TIMELY TWO-WAY AUTHENTICATION

Public-key certificates provide quick authentication between all **CERTIFAX** units, allowing safe communications between parties with no prior knowledge of each other.

SECURE STORAGE & RETRIEVAL

Mailboxes that store fax images can be created for domains and/or individual users. Decrypted fax images are only released once the correct User ID and PIN number has been entered. The **CERTIFAX 3000** series offers standard and high capacity mailboxes.

Time-critical and sensitive information is sent and received by unprotected fax machines everyday.

Does anybody really know if the fax is real or altered by an imposter?

Sender and Receiver

secure transmission

transmission as well as S

mailboxes

proved security--

CERTIFAX utilizes the industry standard Certicom Elliptic Curve Engine for all of its certificate generation, verification and key management functions.

OTHER IMPORTANT FEATURES:

- Security Banner is printed at the top of every page confirming secure receipt.
- Audit trail logging all security related events can be printed by local fax machine or collected by CSM.
- Provides reports detailing the status of users, domains, mailboxes and security settings.
- Tamper detection circuitry automatically Zero-izes the device if someone tries to open it.

Introducing
CERTIFAX
SECURITY MANAGER

The Security Management and Certificate Authority for your fax network. Easily implement security policy and add and manage domains, users and devices from the comfort of your PC.

Ask your CERTIFAX dealer for information today.

NOW CONFIDENTIAL
CERTIFAX
MEANS CONFIDENTIAL

- S E R I O U S C O N S E Q U E N C E S

INADVERTENT DISCLOSURE - Faxes are exposed to unintentional or intentional on-lookers via shared fax machines and fax handlers.

ACTIVE INTERCEPTION - Thieves can affordably purchase fax network interception devices that could go undetected for a significant amount of time.

MODELS

CF3001	CERTIFAX Base Unit
CF3002	CERTIFAX Base Unit with Mailbox (up to 120* pages)
CF3003	CERTIFAX Base Unit with Enhanced Mailbox (up to 720* pages)

*Depending on page density

SPECIFICATIONS

Users	0 - 99
Domains	2 - 99
Administrators	1 - 4
Mailbox	Base up to 120 pages, high capacity up to 720 (depending on page density)
Cryptography	Elliptic Curve for key management and signature verification Triple DES (2 key) for fax transmission
Configuration	Numeric keypad and LCD display or through the CERTIFAX Security Manager
Remote Management	Private Domain creation and deletion Re-certification Log data collection Security option configuration
Other Features	Self test diagnostics on power up Non-volatile memory with battery backup Tamper resistant enclosure
Environmental	5% to 95% relative humidity (non-condensing) 0 to 50 degrees centigrade
Dimensions (W,L,H)	5 1/2 x 8 7/8 x 2 - inches 14 x 22.5 x 5 - centimeters
Weight	800 grams, 1 3/4 pounds (approx.)
Power	Standard 115VAC/60Hz, 240VAC/50Hz UL/CSA approved power supply Input power dissipation 10 watts
Standards Compliance	FCC Part 15 Class B FCC Part 68
Compatibility	RJ-11 modular connectors ITU Group 3 fax machines T.30, T.4 14400-2400 bps (V.17, V.29, V.27ter, V.27)



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