

## Hardware Tokens

### Security

CRYPTOCARD Hardware Tokens eliminate the task of changing passwords or trying to remember them. CRYPTOCARD tokens provide a foolproof identification method that travels with each user, whether they're using PKI or a VPN, both secured with a static user ID and Password. This process verifies and identifies each user individually, with one click of a button, every time they log on.

### No More Forgotten Passwords

CRYPTOCARD Hardware Tokens implement Secure Password Technology that verifies the user's identity and grants them the access rights and privileges *you* want them to have. With CRYPTOCARD tokens, you know *who* is using the computer, not just that a particular computer is being used.

### Avoid Hackers

CRYPTOCARD's CRYPTOAdmin Server generates a unique and unpredictable one-time challenge requiring a quantified response that can only be generated by a specific user's token. That response is only valid for the current log-on attempt, and immediately discarded after one use, making it useless to any would-be hacker.

The token is programmed with the CRYPTOCARD Server, which works in tandem with CRYPTOCARD's CRYPTOAdmin Application, a centralized management system for distributed administration.

### Ease of Use

CRYPTOCARD's Secure Password Technology simplifies or eliminates password management for administrators and users. With CRYPTOCARD tokens, administrators no longer need to enforce password changes. With the QuickLog option, the click of a button presents an immediate response on the token's display. Your user simply enters this response into their computer.



RB-1 Token



KT-1 Key chain Token



SC-1 CRYPTOCARD & Reader

### Benefits of CRYPTOCARD Tokens

*Economics, convenience, and Security*

- CRYPTOCARD Tokens positively identify the **user** attempting to access the network or resources.
- CRYPTOCARD Tokens prevent somebody from illegally accessing your network through the use of a guessed or stolen password.
- CRYPTOCARD Tokens are quickly accepted by users of all skill levels.
- CRYPTOCARD Tokens greatly reduce the need for password management.
- CRYPTOCARD Tokens are economical. Tokens use dual, field-replaceable batteries that can be changed without affecting the token's operation.
- Auto shut-off after 30 or 60 seconds. CRYPTOCARD Tokens are completely reprogrammable.

- Multi-Language support.
- CRYPTOCARD Tokens may be labeled with your corporate logo or pertinent info such as help desk numbers, etc.
- 5 year warranty.

### KT-1 Key-chain Token

It's convenient, compact and functional. The KT-1 attaches to a key chain, and fits easily into a pocket or purse – ideal for consultants or users who frequently log on at different computers and customer or client sites.

Administrators can choose from a variety of versatile security features. And you can make it this simple for your users: Turn on the KT-1, and watch for the Response to appear on the token's display. Enter it – exactly as you see it – into your computer. And that's it. Or – configure the KT-1 token *with* PIN protected access.



**More Secure...  
More Cost Effective**

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The PIN is never transmitted across the wire where it could possibly be stolen or intercepted.

### RB-1 Hand Held Token

The RB-1 is credit card sized and portable. It's a hand-held token perfectly suited to protect your Windows NT/2000 networks at time of logon. The RB-1 offers the ability to generate digital signatures, ideal for very high security environments.

### CRYPTOCARD SC-1

CRYPTOCARD's SC-1 Smart Card provides two-factor strong authentication right on the card. The CRYPTOCARD is the safest place

to store Digital Certificates from leading Certificate Authorities, or a CRYPTOCARD Token, allowing access to many different systems with a single CRYPTOCARD.

Logging onto your system is as easy as inserting the CRYPTOCARD into a CRYPTOCARD Smart Card Reader. Remove your Smart Card – remove access to your PC. Everything you need is on one credit-card sized device that conveniently fits into your purse or wallet.

### Value -Install Direct From Leading Products

*Sun/Netscape iPlanet Portal, Cisco Secure ACS and Red Hat Linux Users – look here!*

CRYPTOAdmin manages your CRYPTOCARD tokens – think of it as the hub of the wheel. It's included with industry leading products such as Sun/Netscape's iPlanet Portal, Cisco Secure ACS and Red Hat Linux 6.x.

The cost of using the CRYPTOCARD Strong User Authentication System becomes simply a question of how many tokens you need to support your user population.

### Common Security Features

- One-time Challenge / Response (from the CRYPTOAdmin server) ensures no replay attack
- DES encryption / ANSI X9.9

### What the critics are saying...

“CRYPTOCARD provides the high-level security Cifra Medical requires,” concluded Simard. “With the highly-confidential nature of our medical network, it is difficult to create a user-friendly online system that enables user access from any location. CRYPTOCARD's cost-effective and user-friendly secure password technology has proved instrumental in protecting our highly sensitive medical databases from would-be hackers. I am extremely impressed with the high level of security CRYPTOCARD's versatile solutions provide, and feel very confident that however our security requirements may change in the future, CRYPTOCARD will continue to provide us with the best product at the best price.”

– Cifra Medical



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*\*The CRYPTOCARD USB Smart Card Reader, which functions on the Windows 2000 O/S, is PC/SC, FCC, & CE Compliant and EMV Certified.*