ActivCard® Gold

ActivCard Gold is the most complete multi-function smart card-based authentication and digital signature solution.

Highlights

Present and Future Authentication
Simultaneous support and easy migration path for static passwords, dynamic passwords, and PKI keys and certificates *on a SINGLE smart card*.

Patented Technology
One-time-use, dynamic passwords generated on the card with a unique, standards-based three variable algorithm.

Easy-to-Use Interface
In a familiar Automated Teller Machine (ATM)-like setting, Windows® login recognizes smart card and asks for PIN.

Centralized Administration
Easily manage and distribute cards to individual users with remote initialization.

Entrust-Ready®
Tightly integrated with Entrust® solutions to provide enhanced security, mobility and non-repudiation.

User Identity for the Future of Internet Business

ActivCard Gold delivers a unique combination of ease-of-use, security and manageability— allowing companies to confidently do business online. ActivCard's multi-function smart card manages the passwords and private keys that produce a corporate user's online identity and authenticate access to critical resources. ActivCard Gold delivers a unique solution for migrating from current static password network authentication to emerging security standards, such as dynamic passwords and digital signature. The result is increased corporate security and decreased overall cost of operations.

The future of Internet business comes down to a question of identity—from there anything is possible.

Key Advantages

> **Enhanced security:** Passcodes, digital signatures, and other private keys are generated on the smart card itself. Credentials are never directly exposed to the insecure PC environment.
> **Supports Microsoft® and Netscape® applications:** Includes certificate download, PKI key generation, secure email using S/MIME, digital signatures and secure Web access (SSL).
> **Store up to ten static passwords:** Conveniently and securely store static usernames and passwords for authenticating to Web sites, secure files or legacy systems.
> **Drag-n-Drop interface:** Stored usernames and passwords are automatically dropped into the appropriate fields of the login dialog box.
> **Mobility:** The complete image of a user's digital identity is stored on one portable credit-card-sized card to confidently conduct business from remote locations.

ActivCard Gold Quick Reference Chart

Smart Card	> Static Usernames and Passwords > Patented Dynamic Password Generation > PKI Keys and Certificates, Signing & Decryption
Desktop	> Smart Card Aware GINA (Windows Login Screen) > Drag-n-Drop Dynamic & Static Passwords > ActivCard Dial-Up Services for NT-RAS or RADIUS > Smart Card Management Utilities > Netscape Navigator™ and Netscape Messenger™ > Microsoft Internet Explorer®, Outlook™ & Outlook Express™ > Entrust-Ready™ > Custom Applications
Network	> Secure Web Access and LAN Access > Firewall, VPN Authentication > Secure Email > Digital Signature > RADIUS > NT-RAS

ActivCard Gold is the only smart card solution that stores all three types of credentials on one card. Coupled with an easy-to-use client interface and strong server management system, ActivCard Gold is the most comprehensive smart card solution.

ActivCard®

Specifications

ActivCard Gold Includes

› Client Software

› Multi-application smart card

› Optional smart card reader
  (for serial port connection or
  PCMCIA reader)

Authentication Services

› Windows NT login, Windows 95/98
  Network login

› Dial-Up to a remote server

› Netscape support for secure Web
  access (Navigator) and e-mail
  signing/decryption (Messenger)

› Microsoft support for secure Web
  access (Internet Explorer) and
  e-mail signing/decryption
  (Outlook, Outlook Express)

› Entrust-Ready: seamless smart card
  integration to all Entrust-based
  services

Compliance to Standards

› Smart card: ISO 7816 -1, -2, -3, -4

› Smart card reader architecture: PC/SC

› Public Key Mechanisms: 512-, 768-
  and 1024-bit RSA, X509 certificates

› Public Key Cryptography (PKI)
  Standards: PKCS#7, 10, 11,
  Microsoft CAPI 2.0, SSL, S/MIME

› Symmetric Key Cryptography (SKI)
  Standards: DES, ANSI X9.9

Compatibility

**Please see the ActivCard Web site
for the most current information**

› Compatible with the leading
  Certification Authorities: Baltimore,
  Entrust, GlobalSign, GTE Cybertrust,
  Microsoft, Netscape, Verisign, Xcert

› Compatible with any PC/SC
  smart card reader

› Compatible with Novell® NDS8,
  NetWare 5 and BorderManager™
  Enterprise Edition 3.5

› Compatible with ActivPack™ for
  Windows NT, or ActivCard Corporate
  Wallet™ SDK on the server for dynamic
  password management services

System Requirements

› Windows 95, Windows 98
  or Windows NT 4

› 32 MB of RAM

› 10 MB of free disk space

Related Documents

› ActivPack Data sheet
› The Corporate Wallet White Paper

www.activcard.com

ActivCard, Inc.
United States
Corporate Headquarters
TEL: 510.574.0100
FAX: 510.574.0101
info@activcard.com

ActivCard Europe S.A.
Europe Corporate Headquarters
TEL: +33 (0) 1.42.04.84.00
FAX: +33 (0) 1.42.04.84.84
info@activcard.fr

ActivCard Asia Pte Ltd
Asia Corporate Headquarters
TEL: 65.7753844
FAX: 65.7753044
infoasia@activcard.com.sg

ActivCard®

Ready Entrust™