

# ActivIdentity DisplayCard

➤ Thin, flexible card for strong authentication

## Thin, flexible design for one-time password authentication

For organizations desiring the latest in user-friendly strong authentication, ActivIdentity DisplayCard and Smart DisplayCard are credit card-sized solutions that fit easily into a wallet or purse ready when needed to generate and display on the card a one time password (OTP). Whether used as a consumer authentication device for online banking or for remote access by an organization's employee base, ActivIdentity DisplayCard technology is customizable to your organization's needs.

### Key features

- Users press a single button on the DisplayCard to generate a password that is valid for only one login
- One-time password authentication is based on Open Authentication (OATH) standards.
- When deployed with a server-side PIN, facilitates two-factor authentication, based on "something you have" (a DisplayCard) and "something you know" (a PIN).

### DisplayCard

- Designed for consumer authentication e.g. online banking or for remote access by an organization's employee base.

- Provides the security of a token in a convenient card format.
- Aids mobility as no card reader is needed to generate the dynamic one-time password.

### Smart DisplayCard

- Combines the security of a token with PKI features for online authentication in a smart card form factor.
- Comes embedded with a smart chip supporting standard smart card PKI capabilities such as email encryption and digital signatures.
- Supports multiple user authentication modes: connected smartcard mode for corporate issued machines or disconnected DisplayCard mode for authentication using a kiosk or mobile device.

### Authentication & Device Management

- ActivIdentity 4TRESS Authentication Server or 4TRESS AAA Server validate one-time passwords generated by DisplayCard or Smart DisplayCard and grants the user access to online services.
- User and device management are performed centrally for increased efficiency.
- Device Lifecycle Management of DisplayCard includes user assignment, device unlock, and PIN management.

### Eases Deployment

- Supports deployment through established card distribution channels (i.e. Credit and Debit Cards) with ISO standard cards.



## Benefits

### Enhances usability

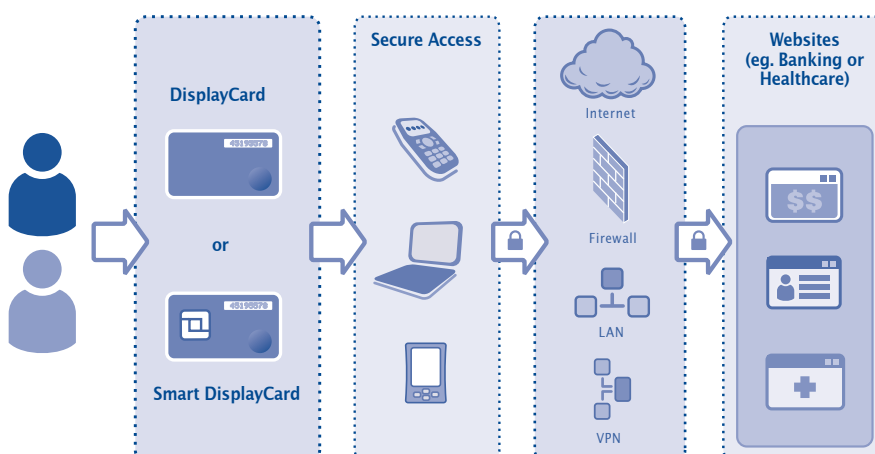
- Reduces user frustration associated with complex static passwords as complexity is concealed within the DisplayCard
- Supports full range of user authentication scenarios including kiosk and connected modes
- Simplifies physical security when combined with proximity technology for an all-in one physical/logical access card
- Increases convenience and portability with a credit card form factor that does not require a card reader

### Increases security

- Increases protection of corporate resources by replacing the use of static passwords for user access with non-repeatable one-time passwords

### Boosts corporate image

- Broadens appeal of device-based authentication with a consumer-proven, intuitive design
- Customized printing available to match corporate branding or to create a multi-purpose photo ID
- Associates your organization with the latest in secure transaction technology



### Physical specifications

- Dimensions : 85.5mm x 54mm (3.375" x 2.1253") credit card size
- ISO 7810 – certified
- Lifespan : 3 years or 15,000 uses
- OATH v1.4 Event-based algorithm
- Tamper resistant
- Lo-Co/Hi-Co magnetic stripe, 3 tracks

### Smart DisplayCard chip specifications

- 64K or higher memory space for application and credentials
- Advanced 8/16 bit architecture CMOS technology
- High communication speed (contact – ISO 7816) up to 115Kb/s

### Smart DisplayCard cryptographic capabilities

- DES, x3 DES (2 and 3 keys) in CBC and ECB modes
- RSA key generator cell: 512 bit up to 2048 bits
- True random generator compliant to FIPS 140-2 certification
- Key generation: 1024 and 2048 bit RSA key pair
- X.509 certificates and secure key storage

### Interface

- Display: green & white, 4, 6 or 8 digits
- Optional RFID protocol: ISO 15693-2; ISO 14443-B (13.56MHz contactless)

### Operating environment

- Storage Temperature: -20°C to +40°C
- Relative humidity: not more than 80%
- Operating temperature: 0°C to +40°C

### Hardware Standards and Compliance

- Compatible with ISO 7816 and 7810 standard
- ActivIdentity DisplayCard product line is designed to comply with FCC, UL, and CE rules
- Compliant with European Directives: RoHS and WEEE

### Options

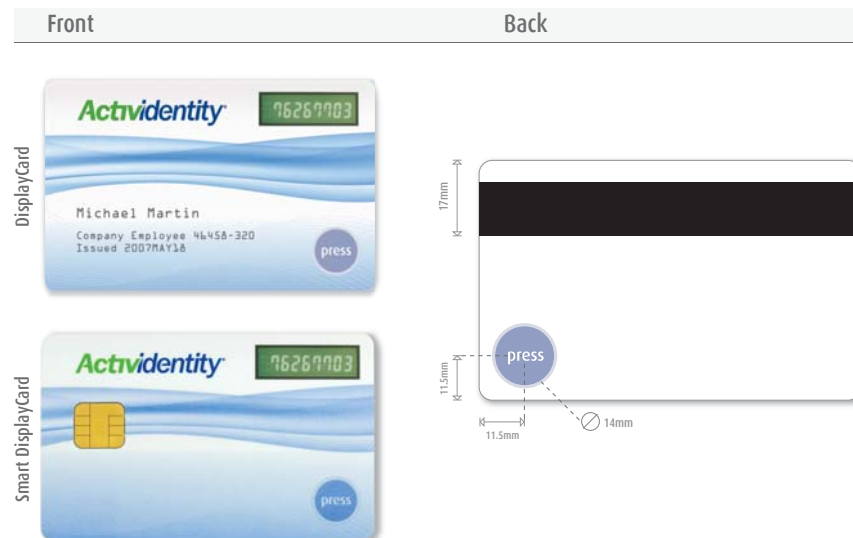
- Proximity (MiFare) capabilities for Physical Access
- Customized printing available to match corporate branding or to create a multi-purpose photo ID

### 4TRESS Management Services

- Device unlock
- Device enabled/disabled
- Device import – enables customers to easily and rapidly deploy pre-initialized DisplayCard devices to end-users

### Compatible Products

- 4TRESS Authentication Server
- 4TRESS AAA Server for Remote Access
- ActivClient™
- ActivID™ CMS



To find out more about DisplayCard Tokens visit our website:  
[www.actividentity.com](http://www.actividentity.com)

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