ActivIdentity Mini Token

Affordable secure authentication

Convenient digital identity token for secure remote access

The ActivIdentity Mini Token is an easy-to-use device to help combat Internet fraud. Its small size, one-touch, one-time password generation, and long life combine to give banks an affordable authentication solution. When combined with ActivIdentity AAA Server, ActivIdentity Authentication SDK or ActivIdentity 4Tress® Authentication Server, banks and enterprises can deploy a comprehensive, high performance, highly scalable, two-factor authentication solution for secure remote access.

Key advantages

Simple user experience:

- User simply presses a single button on the token to generate a one-time password.
- Unlike static passwords, dynamic passwords cannot be reused or guessed.
- Simple user experience means low training and start-up costs.

Low total cost of ownership:

- Simple single button design ensures lower device costs.
- Long battery life reduces token replacement costs.
- Event-based, one-time password generation reduces password synchronization and administration tasks.
- Costs associated with static password maintenance and related security policy enforcement are eliminated.

Authentication methods for the needs of your customers:

- Combined with ActivIdentity AAA Server, ActivIdentity Authentication SDK, or ActivIdentity 4Tress Authentication Server, administrators can effectively manage token distribution, initialize tokens, and define user authorization and access rights.
- Can be used in conjunction with a server managed PIN or password to provide two-factor authentication.
- The same back-end systems that administer ActivIdentity Mini Token also support other ActivIdentity authentication methods, including EMV CAP based authentication, a variety of tokens, static passwords and other forms of authentication. Organizations can provide different forms of authentication to different users while using the same backend server, reducing costs and providing a migration path for the future.

Benefits

Stronger security than passwords

One-time passwords are generated on the token with a standards-based algorithm for higher security and fraud deterrence.

Small and light

The compact and portable design makes it easy to carry and enables users to perform secure online banking over any contact channel.

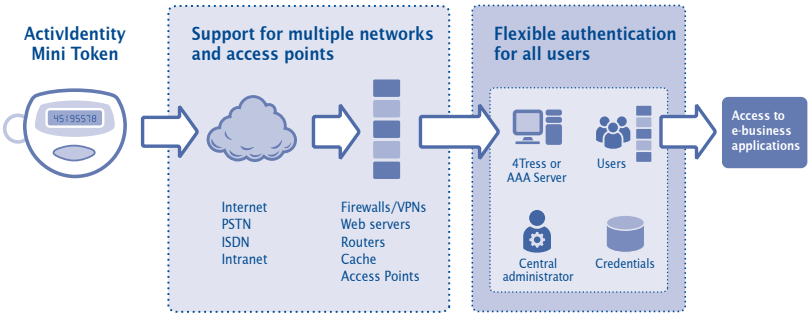
One touch operation

Users simply press a single button to generate a secure one-time password that is used to confirm their digital identity. The simple interface ensures lower support costs.

Long life

With average usage the ActivIdentity Mini Token will have an 8 year life expectancy, reducing administration and replacement costs.

ActivIdentity end-to-end authentication solution



User presses a single button on the token which generates and displays a dynamic password.
User enters dynamic password into the system. ActivIdentity 4Tress Authentication Server or AAA Server validates dynamic password and grants user access to online services.

ActivIdentity
Mini Token

Technical Specifications

Security services with ActivIdentity 4Tress Authentication Server

- One-touch, dynamic synchronous passwords for secure user authentication
- Streamlined issuance and management of tokens in large volume deployment
- Server-maintained device synchronization
- Server-verified PIN configuration for additional level of security (optional)

Interface

- LCD display of up to 8 numerical characters
- Single button performs multiple functions: generates the dynamic one-time-password; displays serial number of token; displays counter value and clock value
- Device initialization can be performed by an administrator using an optional coupler device via USB or serial media link. An initialization door is available on the back casing of the device.

Customization

- Several levels of customization such as case color and color printing on the display bezel are available. Conditions apply.

Device specifications

- Dimensions:
  45mm x 38mm x 11mm
- Weight: 25 grams
- Dynamic, two-variable algorithm (Patent-Protected)
- Unique serial number for each token

Power supply

- Standard lithium battery
- Life expectancy (based on 2 one-time passwords generated per day):
  - 8 years for single-variable authentication mode;
  - 4 years for two-variable authentication mode;
  - 8 years for OATH (HOTP) authentication mode

Standards compliance

- Compatible with ANSI X9 Data Encryption Standard (DES)
- OATH standards compliance
- ROHS compliance
- ActivIdentity Mini Token is designed to comply with FCC, CE and UL rules. (Certificates available upon request)

Operating environment

- Storage temperature range:
  -20 to +80C
- Operating temperature range:
  +5 to +50C
- Maximum relative humidity:
  +80% (non-condensing)
- Compliant with IEC-1000-462 level 4
  15kV (air discharge)
  8kV (contact discharge)
- Tokens are waterproof in accordance with the IEC 529 IPX7 standards, and can withstand accidental immersion in one meter of water for up to 30 minutes

Multiple dynamic password algorithm support

Mode	Algorithm	Description
1	ActivIdentity synchronous OTP time and event-based	▪ The device builds an internal challenge using two variables (clock counter value and event counter value) ▪ After each password generation the key may be derived ▪ Supports of the DES or 3DES algorithm
2	ActivIdentity synchronous OTP event-based only	▪ The device builds and internal challenge using two variables (the clock counter value and the event counter value). ▪ After each password generation and based on the security policy the key can be derivate; ▪ Supports of the DES or 3DES algorithm
3	OATH (HOTP)	HMAC-based one-time-password Algorithm

To find out more about Mini Token or other ActivIdentity token products, please visit our website

www.actividentity.com

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