

# ActivIdentity Tokens

## ➤ One-Time Password Token Authenticators

### Tokens for a range of user requirements

Strong security starts with ensuring that only the proper people have access to protected network resources and applications. ActivIdentity offers a range of solutions for strong authentication, backed by a complete line of one-time password (OTP) token authenticators.

ActivIdentity tokens generate random passwords that can't be reused. Users gain access to resources by possession of the token and knowledge of a secret (a PIN number). The user experience is as simple as using an automatic teller machine, and provides far greater security than a static password.

### Key features

#### Strong Authentication for a variety of requirements

- ActivIdentity Strong Authentication for Remote Access solutions enable support for tokens with VPNs, dial-up networks, web sites, and remote-hosted applications.

- Strong Authentication for Workstation and Network Access solutions enable support for token based authentication with wireless access points and thin clients.
- Strong Authentication for Applications solutions enable OTP with standard and custom applications.

#### Choice of algorithm

- The ActivIdentity patented 3-variable algorithm is available across the entire token family and provides advanced security for employee authentication and consumers conducting high value transactions.
- ActivIdentity event-only algorithm provides strong security for everyday consumer authentication.
- Standards-based X9.9 Challenge/Response avoids the problem of out-of-sync tokens for employees.
- OATH algorithm is an OTP open standard, providing compatibility with 3rd party software.

#### Future proof

- Mix and match different tokens in the same deployment. For example, provide Pocket Token to sales representatives, Keychain Token to engineering, and Desktop Token to executives.

- ActivIdentity algorithms are compatible with the ActivIdentity OTP smart card applet, providing a smooth path to deploy smart cards in the future.
- Add support for any external data source and extend the data stored on the card with the CMS customizable workflow plug-in interfaces.

### Benefits

#### No expiration date

ActivIdentity tokens last longer than other tokens on the market. Durability comes from the token design, power conservation, long battery life, and no self-expiration. Stop repurchasing the same token twice – an ActivIdentity token lasts up to two and a half times longer than a 3 year leased token.

#### Lower operating costs

Re-provisioning an expired token is expensive and inconvenient, and incurs replacement acquisition costs, user down time, and delivering a new unit to the user. ActivIdentity tokens last longer and can reduce re-provisioning costs.

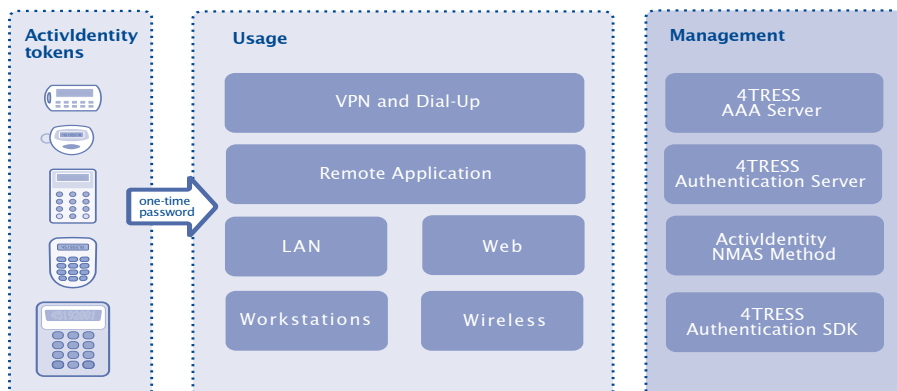
#### Flexible to meet requirements

With a range of algorithms, form factors, and designs to choose from, customers can choose the right tokens for their diverse user population. Mix and match tokens as needed to get the perfect fit.








#### User satisfaction

Nobody likes security that is hard to use. That's why ActivIdentity tokens are designed with the user in mind. Consumers appreciate the intuitive one-button design of Mini Token. Employees like being able to set their own easy-to-remember PIN number on tokens with keypads.

### Token usage model



ActivIdentity tokens and software provide a solution for strong authentication across a range of applications and network resources.

	Token	KeyChain Token	Desktop Token	Pocket Token	Mini Token	Mini Token	Mini Token
							
<b>Version</b>	V2	V2			AE	AT	OE
<b>Key Features</b>	Range of authentication options plus pin unlock for employee usage	Compact and robust design with the same options as the Token v2	Large buttons and display for easier key entry and readability	Small, durable token for the user on-the-go	Simple one button design with attractive pricing and long life	Support for time+event algorithm for advanced security	Support for OATH algorithm for broad open standard compatibility
<b>Target User</b>	· Employee · Partner · Contractor	· Employee · Partner · Contractor	· Employee · Office-based User · Elderly Consumer	· Remote User	· Consumer	· Consumer · Employee	· Consumer · Employee
<b>Algorithm Support</b>							
ActivIdentity patented Synchronous Time + Event (DES/3DES)	✓	✓	✓	✓		✓	
ActivIdentity Synchronous Event Only (DES/3DES)	✓	✓	✓	✓	✓	✓	
OATH HOTP							✓
Challenge Response X9.9	✓	✓	✓	✓			
Message authentication	✓	✓	✓	✓			
<b>Features and Specs</b>							
PIN Validation on Device	✓	✓	✓	✓			
PIN Validation on Server					✓	✓	✓
LCD Size (Char)	10	10	10	10	8	8	8
Display	Dot matrix 5x7	Dot matrix 4x7	Dot matrix 5x7	Dot matrix 5x7	Segments	Segments	Segments
Waterproof					1 meter	1 meter	1 meter
Battery Life Expectancy	3 years for main battery; 8 years for backup battery	6 years	3 years for main battery; 8 years for backup battery	6 years	8 years	6 years	8 years
User-replaceable Battery	✓		✓				
<b>Software Support</b>							
4TRESS AAA Server for Remote Access 6.4.1	✓	✓	✓	✓	✓		
4TRESS AAA Server for Remote Access 6.5	✓	✓	✓	✓	✓	✓	✓
4TRESS Authentication SDK 2.2	✓	✓	✓	✓	✓	✓	✓
ActivIdentity NMAS Method 3.0	✓	✓	✓	✓	✓		
4TRESS Authentication Server	✓	✓	✓	✓	✓	✓	✓
OATH-based Server							✓
<b>Physical</b>							
Size (mm)	L82xW52xH4.5	L62xW43xH12	L140xW108xH35	L48xW68xH8	L45xW38xH11	L45xW38xH11	L45xW38xH11
Weight	25 g	25 g	225 g	28 g	25 g	25 g	25 g

To find out more about tokens or other ActivIdentity products, visit our website:

[www.actividentity.com](http://www.actividentity.com)

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