

# Certificate Management for Total Mobility



Authenex® ACert™ software is a convenient application that enables users to securely generate and store digital signatures and certificates on a chip-based USB A-Key® token. ACert™ software provides two-factor authentication for LAN, VPN, OWA and Web access. Keys and certificates are generated and securely stored on the A-Key® token. Enterprises can easily use ACert™ software for network logon (including Windows Smart Card Logon), Web-based access, VPN access, data protection, PC protection, secure file transfer, secure email and other PKI-related applications.

## Multiple Functionality - One Token

Your users can use securely stored digital certificates for secured remote access, email applications, encryption and file transfer.

## Anywhere, Anytime Access

ACert™ software and its drivers are stored and launched from the A-Key® token, which also contains on-board memory that allows access without software installation.

## Simplified Management

ACert™ software's administrative interface provides complete information, including password, available memory and digital signatures.

## Secure Memory

ACert™ software stores certificates and key pairs in the secure memory of USB A-Key® tokens, which makes them safe and portable.

## Self-Erase Security

As a precaution against loss or theft, the A-Key® token can be set to self-erase after a specified number of failed login attempts.

## Built-In Administration

Administrators can create and reset a designated administrator password, in case users forget their existing passwords.

FOR MORE INFORMATION  
[www.authenex.com](http://www.authenex.com)  
or call 1.877.AUTHENEX



## ACert™ Software Specifications

### Hardware:

- On-Board Security Processors:
  - AES (Advanced Encryption Standard): 128-bit and 256-bit
  - SHA-1
- Optional Extended On-Board Flash Memory
  - To 1 GB
- Connector
  - USB 1.1
- Operating Temperature
  - -20 to 70 C
- Display (Optional)
  - 6-Digit Numeric LCD Display
- Casing
  - ABS PLastic

### Standards Compliance:

- Public Key Infrastructure:
  - On-Board 1024/2048-bit RSA Key Pair Generation
  - X.509 Digital Certificates
  - MS CAPI-Compliant
  - PKCS#11 and #12-Compliant
- Symmetric Key Cryptography:
  - AES 128-bit and 256-bit
  - DES
  - 3xDES
  - DES X
  - MD5
  - RC2
  - AES128/256
- Secure Hashing algorithms
  - SHA-1
- Interface
  - USB 1.1

### Certification

- FIPS 140- (Level 3 In Certification Process)

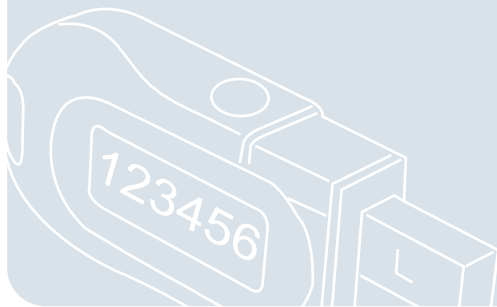
### Operating System Support:

- Windows 2003 Server
- Windows XP Home/XP Professional SP1 and SP2\*\*
- Windows 2000 Professional and Server SP\*\*

\*\*English, Chinese Traditional and Simplified, and Japanese

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