

eToken SDK README

Version 3.50

Release Date: December 2003

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 This document contains general comments plus last minute notes from the eToken SDK 3.50 product team. The information in this README is more up to date than the product documentation.

The README document contains the following:

- [Getting Started](#): describes the scope of this document.
- [General Notices](#): lists the various support centers, details the end user license agreement and the default eToken password.
- [What's New?](#): provides information about new features and changes since previous versions of eToken SDK.
- [Known Issues](#): lists the known issues when working with this version of eToken SDK.
 - [General Issues](#)
 - [eTEditor Issues](#)
 - [eToken Crypto API Viewer Issues](#)

1. Getting Started

This document is designed to give developers an understanding of what is new in eToken SDK 3.50.

This document does not explain how to use or configure eTokens. For information on how to prepare eTokens for specific security applications, refer to the documentation provided. We strongly recommend that you first read the manuals provided prior to implementing eToken authentication.

2. General Notices

2.1. Support

If you have any questions regarding this package, its documentation and content or how to obtain a valid software license you may contact your local reseller or Aladdin's technical support team:

Country / Region	Support Email	Telephone
USA	support.us@eAladdin.com	1-212-329-6658 1-800-223-4277
EUROPE: Austria, Belgium, UK, Germany, Netherlands, France,	etoken.techsup@ealaddin.com	0800-22523346

Switzerland		
Ireland	etoken.techsup@ealaddin.com	0011800-22523346
Rest of the World	etoken.techsup@ealaddin.com	+972-3-6362266 ext 2

2.2. Licensing

Please note that the use of this package requires a valid software download license that will be emailed to you. Please first logon to the Aladdin license center www.ealaddin.com/lc and download the latest software and documentation that you have purchased. If you do not have a valid license to download, you should contact your reseller or support center. (The necessary support numbers are listed above).

2.3. Default Password

All eTokens are shipped from our factory with a DEFAULT PASSWORD (PIN) 1234567890. You will need to input this default password the first time you logon to eToken and then change it to your secret and secure personal password.

3. What's New?

This section lists the new functionality provided by eToken SDK 3.50.

This new version of eToken SDK 3.50 has been designed to improve the development environment and usability of eToken applications.

1. Provides support for new functionality that has been added in the eToken RTE 3.51, such as Administrator password.
2. Introduces a new revised eToken API. The new SDK supports eToken DLL API. The old C++ API is still provided in the samples.
3. Supports 32 Kilobyte eTokens.
4. Supports Windows XP Operating System.
5. Supports Visual Studio .NET.
6. Includes a new application – CapiView which enables users to view the contents of an eToken according to CAPI concepts.
7. Provides a new version of the eToken Editor application and provides enhanced functionality and use with eToken CardOS/M4 tokens.
8. Includes additional samples – OCX, Delphi VB.

4. Known Issues

This section lists known issues in this release of eToken SDK.

4.1. General Issues

- When a message box informing the user about an error appears, e.g. wrong password or fail to log in, first close the message box and only THEN insert or remove the eToken. Failure to first close the message box may result in the application freezing.

4.2. eTEditor Issues

- Copy/Paste behavior
When you use the Copy/Paste functions of eTEditor, the real copying of information is performed only during the *Paste* operation (not during the *Copy* operation). This is done similarly to other MS Windows applications. However due to smartcard specifics, it may lead to strange effects. The main reason is that unlike with PC, on the smartcard the concept of log on depends on the current directory. Consider the following situation that may occur on the eToken Pro:
 - Create under 3F00 (root directory of eToken) the "all access" file.
 - Perform Copy.
 - Stand on the 6666 and perform login.
 - Perform Paste operation.

Creation of files in the directory 6666 requires you to be logged on. You performed log on, but the operation fails. Why? Because in order to copy the file, eTEditor has to select the directory 3F00 (the smartcard allows operating only with the currently selected file). At that moment you lose the logon state. If such a problem occurs, consider copying the file to the hard disk and then to the desired place on the token.

4.3. eToken Crypto API Viewer Issues

- When you open the eTCAPI application and then insert an eToken, it is possible that only the keys from some newly downloaded user certificates are shown. Refresh the application and both certificates and keys will be seen.