

# iKey 2000 Series

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## Getting Started Guide

Congratulations on your purchase of the iKey 2000 Software Development Kit (SDK) or iKey 2000 Authentication Solution. You are just minutes away from having the most secure smart card-based information security system available today.

Your new iKeys are the same tokens used by government and industry. iKeys are compatible with your PKI-based security applications, as well as many popular commercial browsers and e-mail packages, such as those provided by Microsoft and Netscape.

In the next few minutes you will install the software and hardware necessary to use your iKey. This guide provides details about the four steps you will need to get started.

- Install the iKey 2000 software
- Initialize your iKey
- Personalize your iKey
- Use your iKey

Once you have completed these steps, it is strongly recommended that you consult the *iKey 2000 Series User's Guide* for additional information. Select **Start > Programs > Rainbow Technologies > iKey 2000 Series Software > User's Guide** to access the manual.

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**Note:** If you are installing the iKey 2000 Authentication Solution, the *User's Guide* will not be installed on your system. In this case, you can access the manual from the iKey 2000 installation CD.

Insert the CD in your CD-ROM drive, and then click the **iKey 2000 Series User's Guide** link when the launch screen appears. See the next page for more information.

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## Step 1: Install the iKey 2000 Software

To install the iKey 2000 software:

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**Notes:** You need to log on with administrator privileges to Windows NT 4.0, 2000 or XP in order to install the iKey 2000 software properly.

If you are using Entrust, you must install their client software before you install the iKey software.

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1. Close all programs and applications.
2. Uninstall *all* previous versions of the iKey 2000 software.

An easy way to do this is to select **Start > Settings > Control Panel**, and then double-click **Add/Remove Programs**.

3. Insert the iKey 2000 software CD in your computer's CD drive. The installation program starts automatically if CD autorun is enabled; if it does not, browse the CD to locate the installation program—*start.exe*—and start it.

The following screen appears:



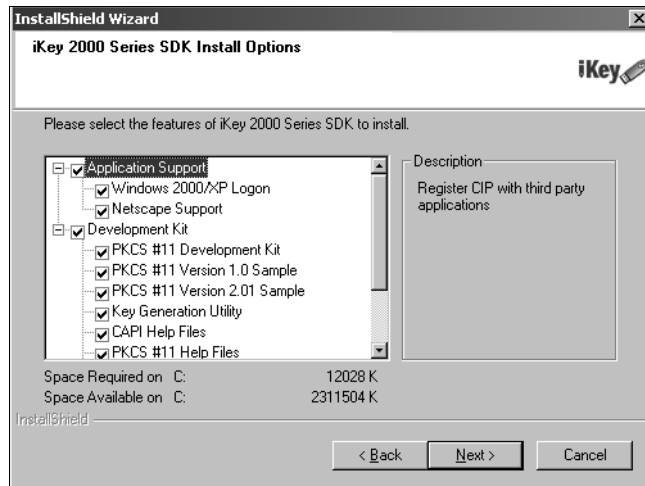
4. Click the **Install Rainbow iKey 2000 Series SDK v4.7.0** link.

(If you are installing the Authentication Solution, the link will say **Install Rainbow iKey 2000 Series Authentication Solution v4.7.0**.)

5. Wait while setup prepares the files for installation.

The Welcome window appears.

6. Click **Next**. The License Information window appears.
7. Read the license information, then click **Yes**. If you click **No**, installation will be cancelled.  
The Choose Destination Location screen appears.
8. Follow the instructions for choosing the folder in which to install the iKey 2000 software, then click **Next**. The Install Options screen appears.



9. Select the iKey 2000 software options you would like to install, then click **Next**.

The choices you see depend on the version of the software you are installing, and on your computer and operating system:

- ❑ **If you are using Windows 2000 or XP:** You see the **Windows 2000/XP Logon** check box. Select this option if you want to use your iKey to log onto Windows (if the iKey contains a Windows smart card logon certificate).
- ❑ **If you have Netscape 4.x installed on your system:** You see the **Netscape Support** check box. Select this check box to define the iKey 2000 security module to Netscape.

This special step is necessary only for Netscape 4.x; you do not need to define the security module to Internet Explorer.

- ❑ **If you are a developer installing the SDK:** You see the **Development Kit** check box. Select this check box to install the iKey 2000 development files and samples.

A description of each option appears when you select it. If you are unsure about which options to select, use the default options.

10. Select the utilities you want to install, then click **Next**.

A description of each utility appears when you select it. If you are unsure which utilities to select, use the default options (recommended).

11. Select **iKey 2000** and then click **Next**.

**Notes:** Do not select any other readers unless you are using a smart card and smart card reader *in addition to* using the iKey USB token (which does not require a serial reader).

If you are installing on Windows NT, the **Other PC/SC Reader** option is also listed. Select this option only when you are not installing any reader drivers. It will set the dependencies required for the token server to work if no other reader drivers are installed.

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12. Verify that no iKeys are currently connected to your system, and then click **Next** to begin copying files to your computer.

When the installation process has finished, the Wizard Complete screen appears.

13. You are asked if you want to reboot your computer now or later.

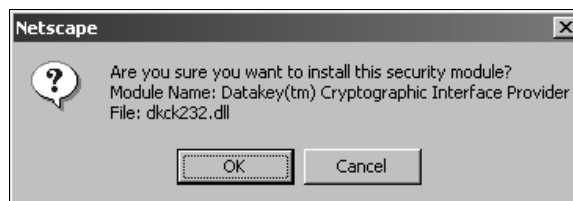
You **must** reboot your computer to complete the installation before using the iKey 2000 software.

## Registering the iKey 2000 Software with Netscape

If you selected the **Netscape Support** option during setup, after your system has rebooted, the following message box appears:



This indicates that iKey 2000 software installation is continuing. When the Netscape message box appears, do the following:



1. Click **OK** to register the iKey 2000 software security module with Netscape.
2. When the "A new security module has been installed" message appears, click **OK** again.
3. Close the Netscape browser window to complete the installation.

## Step 2: Initialize Your iKey

After the iKey 2000 software is installed, your iKey must be initialized using the CIP Utilities program.

1. To start CIP Utilities, from the **Start** menu, select **Programs > Rainbow Technologies > iKey 2000 Series Software > CIP Utilities**.

The CIP Utilities window appears.

2. Connect your iKey to the USB port on your computer.

Information about the iKey appears in the right pane of the CIP Utilities window.

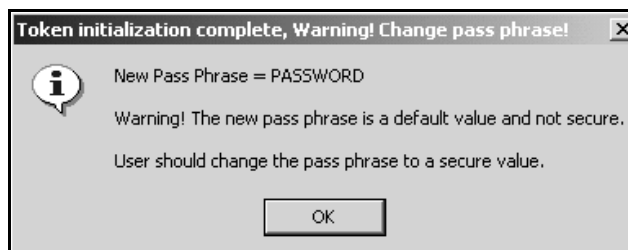
3. Right-click on the iKey you want to initialize, then select **Initialize Token** from the shortcut menu.

The Token Initialization dialog box appears:



4. Read the warning messages, then click **Continue Initialization** to continue the initialization process.

When the process is complete, a message box similar to the following appears:



5. Click **OK**.

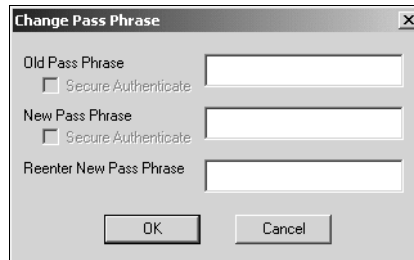
After the iKey is initialized, the passphrase is set to PASSWORD. See the next section for information on changing the default passphrase to a more secure passphrase.

## Step 3: Personalize Your iKey

You now need to personalize your iKey by setting your personal passphrase. The unique passphrase will allow you, and only you, to gain access to the data on your iKey.

1. In CIP Utilities, right-click on the iKey whose passphrase you want to change, then select **Change Pass Phrase** from the shortcut menu.

The Change Pass Phrase window appears:



2. In the **Old Pass Phrase** field, enter your old (current) passphrase.

Asterisks appear in the display instead of the passphrase characters in order to keep your passphrase safe. Be careful when typing your old passphrase, because typing the wrong passphrase too many times will result in your iKey becoming permanently blocked.

3. In the **New Pass Phrase** field, enter your new passphrase.

The minimum length of a passphrase is four alphanumeric characters, and the maximum length is 20 alphanumeric characters.

Select a passphrase that is difficult to guess. Avoid using the obvious types of passphrases such as your first, middle, or last name, birth date, employee number, social security number, etc. Passphrases are case-sensitive, so verify the position of the Caps Lock key.

4. In the **Reenter New Pass Phrase** field, enter your new passphrase again for confirmation.
5. Click **OK**.

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**Note:** The Secure Authenticate fields are not used at this time.

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6. To exit CIP Utilities, from the **File** menu, select **Exit**.

## **Step 4: Begin Using Your iKey**

You are now ready to begin using your iKey. Obtain a certificate from your Certificate Authority (CA) and set up the appropriate browsers and e-mail applications. For information on these tasks, refer to the *iKey 2000 Series User's Guide*.

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