

Installing ST-1 application on a Linux/Solaris system

The ST-1 soft token consists of the following components:

1. CRYPTOCARD ST-1 Application Installation File; Account Management Office has informed you of the location of the file.
2. CRYPTOCARD ST-1 Token Configuration file (<username>.tok), provided to you already by the Account Management Office.
3. An initial PIN, provided to you already by the Account Management Office.

Uninstalling your previous ST-1 Application

To **uninstall** the ST-1 Version 5.0 application on **Solaris**:

pkgrm CRYPTOCARD-ST1

To **uninstall** the ST-1 Version 5.0 application on **Linux**:

rpm -e CRYPTOCARD-ST1

!!!NOTE: Once the ST-1 application has been removed **you MUST delete the .cryptost directory in your home directory BEFORE installing a new ST-1 application!!!**

To install the ST-1 on your system

- Download the ST-1 Application Installation file from the specified location to your computer in your home directory.
- Then, both **Solaris AND Linux** users:
 - run **tar -xvf setupst1-<platform>.tar**
 - run **./setupst1.bin**
- Follow the recommended default location to install. By default the ST-1 application will be installed in your home directory.
- Place the file called <username>.tok in any directory of your choice on your system.
- Launch the ST-1 soft token application by going into the ST1 directory (in your home directory) and typing in 'st1' (without the quotes). A graphical representation of the token will appear.
- Click **File | Program** on the ST-1 application. Select the <username>.tok file and click **Open**. This will load the token information into the token application.
- Click **ON** button to activate token.
- Enter default PIN; choose a New PIN and then verify the New PIN. Click **OK**.

Replacing/Updating Tokens

If the Account Management Office sends you a new <username>.tok file to replace one already in use in your ST-1 application, simply reload the token by clicking **File | Program**, choose the new <username>.tok file and Click **Open**. When you use the new token, you will again be prompted for a new PIN.

It's also a good idea to make sure you are running the most recent version of the ST-1 application. With the ST-1 open on your desktop, Click **Help | About** to see what version token you are running; then check the ST-1 applications currently available on the token download webpage to verify you are up-to-date. If not, follow the instructions above, starting at "Uninstalling your previous ST-1 Application".

Problems with Installation

The instructions above are supported for most Solaris and Linux systems. However, some newer RedHat Linux systems had a problem very similar to that experienced on VISTA systems, seemingly that the built-in JRE in the existing Ver.5.16 software token installation application is outdated and creating a problem. The solution on at least one set of newer RedHat systems was to break up the installation file and use a newer JRE, then re-assemble the installation file and compile the code.

ITD has created a fixed version of the ST-1 Application Installation file, called setupst1-linux-FIX.tar, available from the same location as the standard token download files. After downloading the 'fix' file, follow these special instructions:

- 1.) Put the <username>.tok token file in this directory:
 /home/USER/.cryptost (your_home_directory_path/.cryptost)
- 2.) Untar the downloaded 'fix' .tar file into the ST_1 directory (in your home directory)
- 3.) Edit the file st1.launch and change the JAVA_CMD= to point to your java command path
- 4.) Run st1.launch and follow along with the rest of the standard installation instructions for loading in the .tok file for first time use, etc.

If you have problems with installation and are unable to try this workaround or are not successful with this workaround, please contact the ITD Help Desk at x5522.