

# Applying the SAS<sup>®</sup> System SETINIT in the Microsoft Windows Environment for Version 8

The SAS System is authorized on an annual basis. In order to run each software product, you must apply a product information code provided by SAS Institute. This authorization code resides in the `SETINIT.SAS` file. The installation process copies the `SETINIT.SAS` file to the `!SASROOT\CORE\SASINST` subdirectory. When you install the SAS System, the SETINIT information is used to initialize the software for the current authorization period.

You must update your SETINIT in the following circumstances:

- The authorization period has expired in the `SETINIT.SAS` file on the installation media.
- The authorization has expired in your currently installed SAS System.
- When you wish to install and authorize new or additional products of the SAS System.

This new `SETINIT.SAS` file is sent to the SAS Installation Representative at your site. This information is usually provided on a diskette. You need this new SETINIT to update your authorization information. If you are the SAS Installation Representative at your site and you have not received a new SETINIT since renewing your product authorization, contact the Contracts Division at SAS Institute at (919) 677-8003.

You should update your SETINIT by executing the `SIUPDATE` program using one of the following methods:

- using the `Update SAS V8 Authorization Information` icon
- during installation of the SAS System
- executing from the command line.

## Using the Update SAS V8 Product Authorization Icon

During the installation of the Core component of Version 8 of the SAS System, the `Update SAS V8 Product Authorization Information` program icon was created in either the program folder you selected or on the `Start|Programs` button for Explorer-interfaced platforms. The default program folder is *The SAS System*.

The SAS System has a built-in 60-day grace period that begins the day after your authorization expires. This grace period provides extra operating time so that the SAS Installation Representative at your site can renew the product authorization through the Contracts Division at SAS Institute at (919) 677-8003. During the grace period, warning messages may appear when updating your authorization information, but your SAS System will still be functional. Once the grace period expires, the SAS System cannot be invoked until the authorization information has been updated.

If your SAS System Version 8 product authorization has expired, use the Update SAS V8 Product Authorization Information icon to reapply the SETINIT.SAS file to reinitialize the SAS System to your new authorization period. You can do this provided the expiration date in your updated SETINIT.SAS file is past the current date. If the expiration date is prior to the current date (i.e., your SAS System is authorized on a trial basis), you cannot use the Update SAS V8 Product Authorization Information icon to apply the setinit; you must apply the setinit manually. See the section, "Executing from the Command Line," in this appendix for more information.

**Note:** You should only use the Update SAS V8 Product Authorization Information icon if the expiration date in your updated SETINIT.SAS file is past the current date. See the section, "Executing From the Command Line" later in this appendix if your expiration date in your SETINIT.SAS file contains a date that is prior to the current date.

Double-click on the Update SAS V8 Product Authorization Information icon to invoke the authorization program.

SAS Setup uses the SASV8.CFG file to determine the location of the SASROOT and SASFOLDER system variables. After providing the directory where the SASV8.CFG file is located, select Next. You will then be asked to verify the SASROOT and SASFOLDER locations.

SASROOT is the location of SAS.EXE for the SAS installation that you are updating. SASFOLDER is the working folder of your installed SAS System, and must be the same as what is stored in your SASV8.CFG file.

Select F1 or the Help button to receive online help during the install. Select Next to continue updating the SAS Product Authorization information, or Cancel to exit SIUPDATE.

Verify that this is the correct location for the SASROOT. SAS Setup uses the CORE directory when updating the SAS Product Authorization, so SAS.EXE must be in this directory. SASROOT is the location of SAS.EXE for the SAS installation that you are updating.

Select Next to continue updating the SAS Product Authorization information, Back to return to the previous screen, or Cancel to exit SIUPDATE.

Verify that this is the correct location for the SASFOLDER. SASFOLDER is the working folder of your installed SAS System, and must be the same as what is stored in your SASV8.CFG file.

Select Next to continue updating the SAS Product Authorization information, Back to return to the previous screen, or Cancel to exit SIUPDATE.

Once you have supplied the installation location of the Core SAS product, indicate whether or not your updated (new) SETINIT.SAS has been provided to you on paper.

Select No if your new SETINIT.SAS is located on a network drive or on diskette. If your SETINIT.SAS file is on paper and not on diskette or accessible via the network, select Yes. You will be asked if you want to manually correct your existing SETINIT.SAS file.

If your new `SETINIT.SAS` is located on a network drive or diskette, provide the directory where your updated `SETINIT.SAS` file is located and select `Next`. Your SAS product authorization will be updated.

## Updating Your SAS SETINIT during Installation of the SAS System

The installation process, SAS Setup, copies the `SETINIT.SAS` file into the `!SASROOT\CORE\SASINST` directory. (The `SETINIT.SAS` file can also be found on the installation media). If the `SETINIT.SAS` file appears correct to the SAS Setup program, the product authorization update is executed automatically during the installation process. If the SAS Setup program determines the `SETINIT.SAS` file is expired or invalid, SAS Setup allows you to specify a directory path containing valid `SETINIT.SAS` information to apply. (Expired files are often sent to non-U.S. customers to enable them to customize their `SETINIT.SAS` file with correct information while installing the SAS System).

## Executing From the Command Line

You can update your product authorization information from the command line in one of two ways:

- ❑ Execute `SIUPDATE` from the command line

Invoke the `SIUPDATE.EXE` program from the `!SASROOT\CORE\SASINST` subdirectory. This will take you through the same routine as the `Update SAS V8 Product Authorization Information` icon does to update the `SETINIT`. Your updated `SETINIT.SAS` file must be placed in the `!SASROOT\CORE\SASINST` subdirectory before executing the `SIUPDATE.EXE` program.

- ❑ Execute SAS from the command line to run the `SETINIT.SAS` file interactively:

Invoke the SAS System and include the `SETINIT.SAS` file in the program editor by clicking your right mouse button and then select `File...Open...Read`. Type in the full path and name of the `SETINIT.SAS` file as shown in the following example and then select `OK`:

```
C:\SAS\CORE\SASINST\SETINIT.SAS
```

**Note:** This example assumes the SAS System was installed on `C:\SAS` and that command lines are turned off. If command lines are turned on, the right mouse button will not work and you must issue the `include` command as shown in the following example:

```
inc 'C:\SAS\CORE\SASINST\SETINIT.SAS'
```

Make all the appropriate changes according to your paper `SETINIT` and then submit the program by pressing the `F8` key or by typing `SUBMIT` on the command line. If there are differences between the `SETINIT` information that is displayed, and the paper `SETINIT`, the following errors are displayed in the `LOG` file:

Error: Incorrect information was entered for the password.

Recall the SETINIT.SAS file by pressing the F4 key, or by typing RECALL on the command line. Check each line to ensure that the information displayed in the program editor matches the paper SETINIT exactly.

## Expired Product Authorization

If your product authorization has expired, manually invoke SAS with special options that will allow the SETINIT to be applied.

1. To invoke the SAS System, select `Start` and then `Run`.
2. Type the following:

```
<source drive>:\sas\sas.exe -setinit  
-sysin c:\setinit.sas  
-config <source drive>:\sas\sasv8.cfg
```

## For More Information

If you need more information about applying your SETINIT, refer to the *SAS Companion for the Microsoft Windows Environment*, that is included on the SAS OnlineDoc™ CD-ROM.

If you have questions about your SETINIT data, please call our Customer Service Department at (919) 677-8003 between 9:00 a.m. and 8:00 p.m. Eastern Time.

If you encounter problems applying your SETINIT, please call our Technical Support Division at (919) 677-8008 between 9:00 a.m. and 8:00 p.m. Eastern Time. Ask the Technical Receptionist for a Windows consultant. Please have your site number ready when you call.

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