SmarTerm version 11
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# Table of Contents

# Preface

This ***Getting Started*** guide will help you install SmarTerm on your PC or on a file server with attached PC workstations. This guide, in combination with the more detailed online help system, printed documentation, and online manuals, provides you with what you need to use SmarTerm.

**Note:**
The online version of this manual may be more up to date than the printed version.

This guide provides instructions for installing SmarTerm in the language of your choice—English, French, German, or Spanish—and provides an overview of installation. After reading this Preface, turn to "Installing SmarTerm" for instructions on running Setup.

For information on the Administrator Toolbox, including creating profiles and profile servers, running the Automated Install Wizard, or deploying SmarTerm for network users, see the ***System Administrator Guide*** (English only).

## Information and technical support

If you encounter problems with SmarTerm, check through the troubleshooting hints in the online help and SmarTerm documentation. Many situations are common and can be corrected easily with the suggestions given there. If your problems persist, call Esker's Technical Support department for assistance at one of the following locations:

# For U.S. and Canada

Esker S.A.
465 Science Drive
P.O. Box 44953
Madison, WI 53744-4953

Tel: (608) 273-HELP  (273-4357)  8:30 a.m. to 5:00 p.m. Central Time

Fax: (608) 273-8227  24 hours

BBS: (608) 273-6595  24 hours

E-Mail: SmarTerm-support@esker.com  24 hours

World Wide Web: http://www.esker.com  24 hours

# For all other customers, Monday through Friday

**Australia**: 8:30 a.m. to 5:30 p.m.
Tel: +61 2 95655688, Fax: +61 2 9565 5877

**France**: 9:00 a.m. to 12:00 p.m. and 2:00 p.m. to 5:30 p.m.
Tel +33 (0)4 72 83 46 46, Fax +33 (0)4 72 83 46 40

**Germany**: 9:00 a.m. to 5:00 p.m.
Tel: +49 (0)201 82157-0

**Italy**: 9:00 a.m. to 6 p.m.
Tel: +39-2-89200303

**Spain**: 9:00 a.m. to 7:00 p.m.
Tel: +34 91 552 9265

**UK**: 9:00 a.m. to 5:30 p.m.
Tel: +44 (0)1332 799622

Before you call for technical support:

• *Know your license number.* It's on the Registration card that comes with
your product.  (If you entered the number during installation, you can dis-
play this license number by selecting Help>About.)

• Be aware that we may need detailed information about the hardware and
software on your computer, so a working knowledge of Windows, the setup
of your PC, and the way you are using SmarTerm may be necessary.

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- Isolate the problem as much as possible. Does the problem occur every time you enter a certain sequence of keystrokes, or do you have to do something else first? Writing down a short description of the steps it takes to repeat the problem will help both of us to isolate the problem.

- Seat yourself at the PC that is giving you trouble and call us from there. We may need to have you run one or more diagnostic tests, and these must be done on the computer with the problem.

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# Installing SmarTerm

SmarTerm is an integrated set of Windows applications that put you online with the most popular connectivity methods in use today. SmarTerm is a multilingual product, operating in your choice of English, French, German, or Spanish, while allowing you to change languages without disconnecting from your host or exiting SmarTerm.

You can install SmarTerm on a single PC or a file server with attached PC workstations. Choose the appropriate installation program from the CD browser utility to install SmarTerm.

This chapter steps through the installation of SmarTerm.

## Installation requirements

SmarTerm runs on any system that has the following hardware and software:

- The minimum computer hardware and memory that is required by Windows 95/98/2000/Me/XP or Windows NT installation on a PC with Intel or compatible processors.

- Windows 95/98/2000/Me/XP or Windows NT 4.0 Service Pack 3 or greater installed.

- Appropriate communication hardware and software, such as a serial port or modem, if you intend to use a direct serial connection or a modem connection.

- The Windows TCP/IP stack if you intend to use the Telnet connection method or FTP.

- Microsoft SNA client if you intend to use this connection method.

- **SmarTerm Essential** and **SmarTerm Office** require up to 52MB of free disk space to install all components and languages on a server or standalone PC, and 2MB on each workstation.

# Before you install

Below are some things you should know about before you install SmarTerm. Read through the next sections to see if there are any steps you need to take before running Setup to install SmarTerm.

## Have your license number handy

Setup prompts you for your name, your company name, and your license number for the product your purchased. (To display your liscense number after installation, simply select Help>About.)

## Shut down extra Windows programs

To make installation as smooth as possible, shut down any programs that may be running in the background such as:

• Applications

• Screen savers other than those shipped with Windows

• Virus protection programs

## Multilingual options

You can run Setup in English, French, German, or Spanish. The language you choose for Setup becomes the default language the first time you run Smar-Term.

**Note:**
Setup will always install English components, but you can install French, German, and Spanish components as well. Whatever languages you choose to install are available to you in any session you use to connect to a host. Language switching is dynamic, meaning that you can start a session in French and switch to German without disconnecting from the host or exiting Smar-Term. Language changes affect the menus and dialogs as well as the online help available to you.

## Setup type

Setup can be run as a Single-User or as a Server setup. Single-User Setup installs SmarTerm on your PC's hard drive. Server Setup installs SmarTerm on a file server's network drive that can be accessed by other workstations.

If you're a system administrator and plan to deploy SmarTerm profiles for users, we strongly recommend that you install the single user version instead of the server version. The single user version of SmarTerm lets you use a master license number for the deployment of SmarTerm to a network of users. This version is also more integrated than the server version for use with profiles, the CD Copy utility, and the Automated Install Wizard. See the *System Administrator Guide* for more information.

## Installation type

You can choose between two types of installation: Complete and Custom. Complete installs all the features of SmarTerm except the Administrator Toolbox, and is recommended for a first-time installation. *Custom* allows you to choose the SmarTerm components that you want to install.

**Note:**
If you want to install the Administrator Toolbox, you must choose Custom and then select Administrator Tools to install the Administrator Toolbox.

To install SmarTerm to a path other than the default, choose Custom installation and click the Change button. Then enter the path you want.

# Run setup

The following sections explain basic installation steps. If you are installing as a single user, read the next section. If you are installing on a file server, skip to "Installing on a file server and PC workstations".

## Installing as a single user

Follow the steps below to run Setup:

1. Insert the CD into the CD-ROM drive and choose Install SmarTerm Single-User from the CD browser window.

**Note:**
If the "autorun" feature is disabled or unavailable, run Launch.exe from the root directory of the CD.

2. Select the language for the installation program.

3. Follow the prompts Setup presents to you.

   If you don't like the defaults, type in new values or select a value from the list boxes or check boxes on a dialog. If you are unsure of the appropriate response to a prompt, consult the online help for detailed information about your choices or simply accept the defaults.

# Installing on a file server and PC workstations

In the file server and PC workstation environment, installation is a two-step process:

1. Install SmarTerm on the file server.

2. Install SmarTerm on each workstation.

   Running the workstation setup is similar to installing on the file server: each user runs through a series of dialogs and makes choices.

## Running Setup on the file server

1. Insert the CD into the CD-ROM drive and choose Install SmarTerm Server from the CD browser window.

**Note:**
If the "autorun" feature is disabled or unavailable, run Launch.exe from the root directory of the CD.

2. Select the language for the installation program.

3. Follow the prompts Setup presents to you.

   If you don't like the defaults, type in new values or select a value from the list boxes or check boxes on a dialog. If you are unsure of the appropriate response to a prompt, consult the online help for detailed information about your choices or simply accept the defaults.

4. When Server installation is complete, begin workstation installation.

   Setup displays a message telling you when installation is complete. At this point you can begin the workstation install.

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   **Note**:
   You must share the folder that SmarTerm is installed to in order for it to be available to workstation users.

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## Running Setup on the PC workstations

This section explains how to run a workstation install. See the *System Administrator Guide* for information on running the Automated Install Wizard.

1. Select Start>Run.

2. Enter the drive and path of the SmarTerm program folder on the file server. For example:

   ```
   "Q:\Program Files\Persoft\SmarTerm\Install\SETUP"
   ```

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   **Note:**
   If your path contains a space (as in Program Files in the example above), you must enclose the entire command from the drive letter to the end of the word SETUP in quotation marks.

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3. Select the language for the installation program.

4. Follow the prompts Setup presents to you.

   If you don't like the defaults, type in new values or select a value from the list boxes or check boxes on a dialog. If you are unsure of the appropriate response to a prompt, consult the online help for detailed information about your choices or simply accept the defaults.

# Updating custom files from older versions of SmarTerm

You can use custom files that you've created using a version 4.0 SmarTerm product or greater with this new version of SmarTerm. These files include session configuration (.STW), keyboard (.KBO), script language (.PSL), and button palettes (.BPL). Custom files from versions 7.0 through 10.0 SmarTerm are all set for use with version 11.0—there is no file conversion required. Just use the files as you did in those versions of SmarTerm. For custom files created using SmarTerm 4.0 through 6.0, however, SmarTerm converts the older files. There are certain rules that you should keep in mind when updating custom files:

• Keep an archive of all your old files. This means backing up the files to a network server location or backing up to a diskette. SmarTerm creates backups for some files, but it's best to keep your own copies, should you ever want to use the older files again.

• Conversions are done locally on a PC. If you plan to make the converted files available to network users, you can test locally and copy them to a folder on the network server.

• Most conversions are done automatically but you need to copy the older files to the correct default file locations.

The following table tells you where to move the files prior to conversion. (The directory in which you installed SmarTerm is represented as the default of \Program Files\Persoft\SmarTerm in the table.

| Type of custom file | Default location |
| --- | --- |
| Buttons (.bpl) | Program Files\Persoft\SmarTerm\Buttons |
| Keyboard maps (.kbo and .kb2) | Program Files\Persoft\SmarTerm\Keymap |
| Macros (.psl) | Program Files\Persoft\SmarTerm\Macros |
| Sample files | SmarTerm<CD-ROM>\Samples |

We recommend converting your button palette files (.BPL) first. The order of the other conversions is up to you.

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# Updating Button Palette (.BPL) and Toolbar (.TBX) files

To convert an old toolbar (SmarTerm for Windows 95/NT, version 6.0) or button palette (SmarTerm 32-Bit Edition for Windows 95, version 1.0) file:

1. Follow the instructions under "Updating custom files from older versions of SmarTerm" before starting any conversions.

2. Copy the old toolbar or button palette file(s) to a new folder.

3. Select Start>Programs>SmarTerm>Utilities>Toolbar, Button Palette and Script Converter.

4. Open the new folder where you've placed your old toolbar or button palette file(s).

5. In Files of Type, select Toolbar or Button Palette.

6. Select the file(s) you want to convert.

7. Click Convert.

## Things to keep in mind with old Button Palette files

If you had a script (.PSL) that a toolbar button called, it is converted to the new Macro language and embedded in the new .BPX file.

During conversion, the .PSL files need to be in the same folder as the .BPL files. The .PSL files are converted into the new Macro language and are saved in the .BPL file.

The old button actions Run Script File, Run Embedded Script, Execute Function, and Send Host Key are all converted into the Run Embedded Macro button action.

## Things to keep in mind with old Toolbar files

The old toolbar button action Do Menu Command converts to the Run Embedded Macro button action. Keep in mind that not all menu functions from old versions of SmarTerm may be supported in the new version.

# Updating session (.STW) files

1. Start up SmarTerm, if you do not already have it running.

2. Pull down the File menu.

   A list of available .STW files appears.

3. Select an .STW. As soon as you select it, it is converted.

   Once the list appears, you have converted all your session files. During conversion, SmarTerm makes a copy of the original .STW files and changes the extension to .BAK. Converted files are written out as .STW files.

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**Note:**
After you have tested the new session files to see if the conversion was successful, you may want to remove the .BAK files, which are no longer used by SmarTerm.

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### Things to keep in mind

If the old .STW file used a login script (.psl), it is converted to the new macro language and embedded in the new session file. (Remember that .psl files need to be in the \Macros folder.)

If the old .STW file connected through a modem to a host, it is converted to use the Direct Serial connection type. You will have to create a new .STW file for use with a modem. (SmarTerm now uses Microsoft's TAPI interface for Windows 9x.)

The settings in the Preferences dialog in the pre-version 6.0 products are not converted into the new .STW format.

## Updating keyboard (.KBO) files

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**Note:**
If you are converting TN3270 Addition keyboard map files, you need to rename the .KB2 extension to .KBO before converting to the new SmarTerm format.

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1. Start up SmarTerm, if you do not already have it running.

2. Select Tools>Keyboard Maps.

   A list of available keyboard maps and the old .KBO files appears.

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3.  Select a keyboard map file, and click Edit.

4.  Select File>Save.

    Once you save the old .KBO file, it is converted to the new format. During conversion, SmarTerm makes a copy of the original .KBO files and changes the extension to .BAK. Converted files are written out as .KBO files.

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**Note:**
After you have tested the new keyboard maps to see if the conversion was successful, you may want to remove the .BAK files, which are no longer used by SmarTerm.

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# Updating Script Language (.PSL) files

To convert an old 16-bit Persoft script language script to a 32-bit macro:

1.  Copy the old script to a new folder (let's call it My Scripts).

2.  Select Start>Programs>SmarTerm>Utilities>Toolbar, Button Palette and Script Converter.

3.  Open the My Scripts folder.

4.  In Files of Type, select Scripts. The files of that type are displayed.

5.  Select the file(s) you want to convert. After you click the first one, Shift-click selects all the intervening files in the list; Ctrl-click adds a single file to the selection.

6.  Click Convert. (To close the dialog without converting files, click Cancel.)

7.  To convert the script(s) to a single new macro, enter the new macro name and click Translate.

8.  Check the new macro.

## Things to keep in mind

If you are sure that all button palettes (.BPL), SmartMouse scripts (.PSL), and keyboard map scripts (.PSL) have been converted, you can remove the .PSL files. If you have not converted all the other custom files, you may want to wait until you're done to delete the .PSL files from the \Macros folder.

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SmarTerm only converts the .PSL files once, unless you make a change to the .PSL file while it's in the \Macros folder. In this case, SmarTerm will compare the dates of the .PSL file and the .STM file. If the .PSL file is newer, it converts the file again, overwriting the .STM file. This means if you made additional changes to the .STM file, those changes will be lost.

Comments in .PSL files are not translated. You will need to re-enter any comments using the Macro editor.

# What to do next

For information on the Administrator Toolbox, including creating profiles and profile servers, running the Automated Install Wizard, or deploying SmarTerm for network users, see the ***System Administrator Guide*** (English only).