

Printer Driver for TM-S Series

Install Manual

Overview

An overview of the PDS and the description of operating environment.

Installation and Setup

Descriptions from installation of the PDS to making prints with the product.

Silent Installation

Descriptions of the silent install.



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For Safety

Key to Symbols

The symbols in this manual are identified by their level of importance, as defined below. Read the following carefully before handling the product.

CAUTION

Provides information that must be observed to avoid damage to your equipment or a malfunction.

NOTE

Provides important information and useful tips.

Restriction of Use

When this product is used for applications requiring high reliability/safety such as transportation devices related to aviation, rail, marine, automotive etc.; disaster prevention devices; various safety devices etc; or functional/precision devices etc, you should use this product only after giving consideration to including fail-safes and redundancies into your design to maintain safety and total system reliability. Because this product was not intended for use in applications requiring extremely high reliability/safety such as aerospace equipment, main communication equipment, nuclear power control equipment, or medical equipment related to direct medical care etc, please make your own judgment on this product's suitability after a full evaluation.

About this Manual

Aim of the Manual

This manual is aimed to provide the necessary information to install the EPSON TM-S9000 driver(Printer Driver for TM-S Series).

Manual Content

The manual is made up of the following sections:

Chapter 1	Overview
Chapter 2	Installation and Setup
Chapter 3	Silent Installation

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Overview

Introduction

Printer Driver for TM-S Series(hereafter called PDS) is a Windows printer driver for EPSON TM-S9000.

The PDS environment that is already set up can be restored (silent install) on another computer. The printers locally connected to the computers can be used as shared printers (Point & Print), by using network function of the OS.

The drivers compatible with TM-H6000II/III/IV and TM-U325/375/675 are also installed. Printing from TM-S9000 is available with minimum changes in the application.

Manual organization

Install Manual

This manual. Descriptions of the procedures from installing the PDS to performing test print, adding printer drivers, and the silent install which is an automated PDS installation.

Driver Manual

Descriptions of how to use the PDS and its functions.

Devmode API / PRINTERINFO Manual

Descriptions of how to configure some printer functions on your application using the Devmode API. Descriptions of the PRINTERINFO Function of Windows.

Operating Environment

Computer

Any PC/AT compatible machine running any of the following Windows systems.

OS

- Microsoft Windows 8 (32bit/64bit)
- Microsoft Windows 7 SP1 (32bit/64bit)
- Microsoft Windows Vista SP2 (32bit/64bit) English version
- Microsoft Windows XP Professional SP3 (32bit) English version
- Microsoft Windows Server 2012 (64bit)
- Microsoft Windows Server 2003 R2 SP2 (32bit/64bit)
- Microsoft Windows Server 2008 SP2 (32bit/64bit)
- Microsoft Windows Server 2008 R2

The following service/software is supported in Windows Server 2003/2008 environment.

Terminal Service

Citrix XenApp5.0

- Microsoft Windows Embedded 7 (32bit/64bit)
- Microsoft Windows Embedded POSReady 7
- Microsoft Windows Embedded POSReady 2009
- Microsoft Windows Embedded for Point of Service 1.1 (32bit)

- Microsoft Windows Embedded Standard(32bit) English version

The following components are required.

Volume Shadow Copy Service

System Restore Core

OLE Dialog Interfaces

Local Printing Support

Task Scheduler (Required for USB driver installation)

Primitive: DbgHelp (Required for USB driver installation)

Communications Port (If the Computer has no serial or parallel port, one of them must be installed manually.)

Primitive: Winhlp32 Required for help file browsing)

After installing the components listed above, perform a dependency check for the components using the utility of the Windows XP Embedded (Target Designer). For more details, ask your OS distributors.

NOTE

OSs other than those listed above are not supported.

.NET Framework Version

For .NET environment, use in the following environment.

- .NET Framework 2.0 or later.
- For Windows Vista, .NET Framework 3.0 or later is installed.

Device

The following interfaces are supported with the PDS.

Item	Descriptions
Device can be used Simultaneously	8
USB	USB 2.0 compliant (Full-Speed 12 Mbps operation. High-Speed operation is not possible.)
Maximum USB cable length	5m
Maximum number of Hubs	Less than 5 cascade

Compatible Printer

The following compatible printer drivers are provided. This enables the printers to be replaced with TM-S9000 with minimum changes in your application.

Model name	Printer Driver
TM-H6000II	EPSON TM-H6000II Receipt (for TM-S9000)
	EPSON TM-H6000II Slip (for TM-S9000)
	EPSON TM-H6000II Validation (for TM-S9000)
TM-H6000III	EPSON TM-H6000III Receipt (for TM-S9000)
	EPSON TM-H6000III Slip (for TM-S9000)
	EPSON TM-H6000III Slip Rotate (for TM-S9000)
	EPSON TM-H6000III Validation (for TM-S9000)
TM-H6000IV	EPSON TM-H6000IV Receipt (for TM-S9000)
	EPSON TM-H6000IV Slip (for TM-S9000)
	EPSON TM-H6000IV Slip Rotate (for TM-S9000)
	EPSON TM-H6000IV Validation (for TM-S9000)
TM-U325	EPSON TM-U325 Receipt (for TM-S9000)
	EPSON TM-U325 Validation (for TM-S9000)
TM-U375	EPSON TM-U375 Receipt (for TM-S9000)
	EPSON TM-U375 Slip (for TM-S9000)
	EPSON TM-U375 Validation (for TM-S9000)
TM-U675	EPSON TM-U675 Receipt (for TM-S9000)
	EPSON TM-U675 Slip (for TM-S9000)
	EPSON TM-U675 Validation (for TM-S9000)

Differences Depending on the OS

The content of the descriptions of some operations in this book may be different depending on the OS. See the following.

Item	Description
Screens shown	Screens in Windows Vista are used for the descriptions in this manual.
Confirmation and setting of the printer driver	<p>Windows 8 (Desktop) - Sidebar (Settings) - (Control Panel) - (Hardware and Sound) - (Devices and Printers)</p> <p>Windows 7 (Start) - (Control Panel) - (Hardware and Sound) - (Devices and Printers) Right click the printer driver, and select the (Printer properties).</p> <p>Windows Vista (Start) - (Control Panel) - (Hardware and Sound) - (Printers) Right click the printer driver, and select the (Properties).</p> <p>Windows XP (Start) - (Control Panel) - (Printers and Faxes) Right click the printer driver, and select the (Properties).</p>
Delete a shared printer	<p>Windows 8 (Desktop) - Sidebar (Settings) - (Control Panel) - (Hardware and Sound) - (Devices and Printers)</p> <p>Windows 7 (Start) - (Control Panel) - (Hardware and Sound) - (Devices and Printers)</p> <p>Windows Vista (Start) - (Control Panel) - (Hardware and Sound) - (Printers)</p> <p>Windows XP (Start) - (Control Panel) - (Printers and Faxes)</p>
Add a shared printer	<p>Windows 8 (Desktop) - Sidebar (Settings) - (Control Panel) - (Hardware and Sound) - (Advanced printer setup)</p> <p>Windows 7 (Start) - (Control Panel) - (Hardware and Sound) - (Add a printer)</p> <p>Windows Vista (Start) - (Control Panel) - (Hardware and Sound) - (Add a printer)</p> <p>Windows XP (Start) - (Control Panel) - (Add a printer)</p>

Item	Description
Server Properties	<p>Windows 8 When selecting a printer in the (Devices and Printers) screen, the (Print server properties) message appears on the tool bar.</p> <p>Windows 7 When selecting a printer driver to delete in the (Devices and Printers) screen, the (Print server properties) message appears on the tool bar.</p> <p>Windows Vista (Printers) - (File) - (Run as administrator) - (Server Properties)</p> <p>Windows XP (Printers and Faxes) - (File) - (Server Properties)</p>
Uninstall a program	<p>Windows 8 (Desktop) - Sidebar (Settings) - (Control Panel) - (Uninstall a program)</p> <p>Windows 7 (Start) - (Control Panel) - (Uninstall a program)</p> <p>Windows Vista (Start) - (Control Panel) - (Uninstall a program)</p> <p>Windows XP (Start) - (Control Panel) - (Add or Remove Programs)</p>
Windows 8 How to start the application	Click (Start), then (All apps), and select the application you want to use from the list.

Installation and Setup

This chapter describes the procedures from the installation to execution of test print. The uninstallation procedure ([page 20](#)) and various maintenance procedures after installation ([page 34](#)) are also provided.

CAUTION

- Install with Administrator privileges.
- Do not connect the product, until installation of the PDS completes.
- Close all running applications before the installation.

Installation methods

The following methods are available to install the PDS.

- **Standard Installation** [page 14](#)
This installation option installs all features PDS supports.
- **Custom installation** [page 21](#)
This installation option allows you to select and install only certain feature(s).

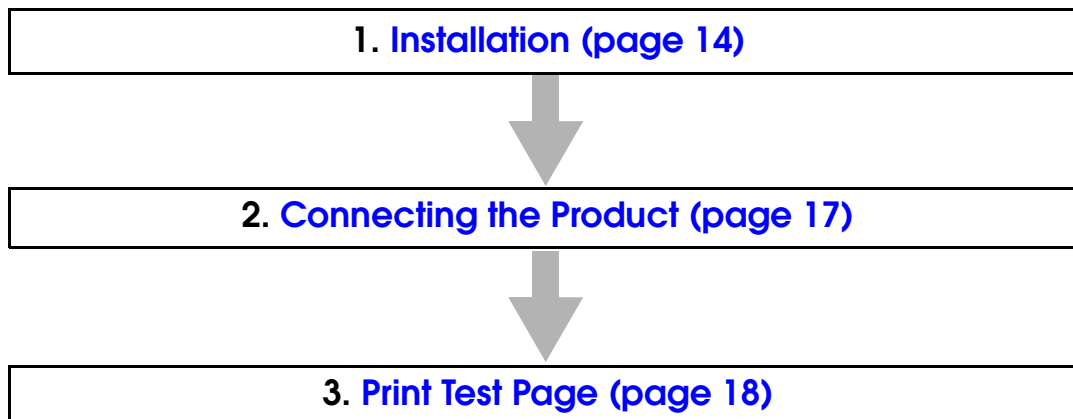
This document also describes following topics which can be performed after installation.

- **Plug and Play** [page 26](#)
- **Installation for sharing the printer** [page 28](#)
This method installs a printer to be shared (Point & Print).
- **Silent installation** [page 39](#)
This allows you to copy the PDS environment to other computers.

Standard Install

This installation option installs all features PDS supports.

Installation Flow

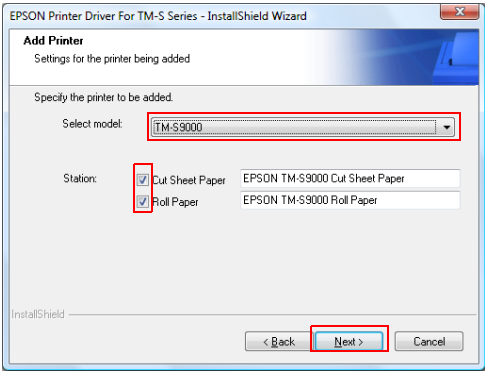


Installation

Follow the procedure below.

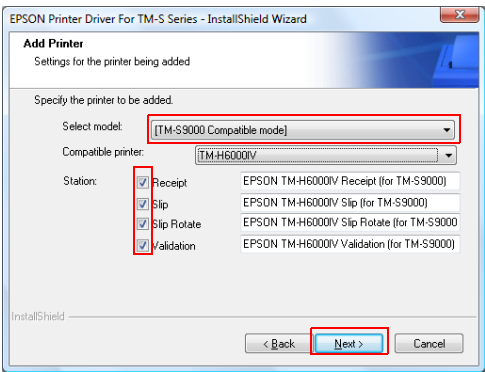
- 1** Double click the (PDS) icon of installer and start the installation.
- 2** The "InstallShield Wizard" screen appears.
Check (Warning) for the environment of the computer. To continue installation, click the (Next) button.
- 3** The "License Agreement" screen appears.
Read the content and select "I accept the terms of the license agreement". Then click the (Next) button.
- 4** The "Setup Type" screen appears. Select "Standard", then click the (Next) button.
To use a compatible driver, go to Step 6.

- 5
- The "Add Printer" screen appears.
Select "TM-S9000" from "Select model". Confirm that the station(s) to be used are selected and click the (Next) button. Go to Step 7.



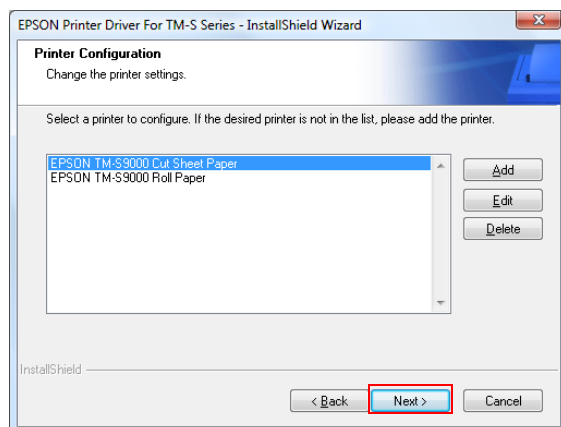
Station	Description
Cut Sheet Paper	Ink jet printer
Roll Paper	Thirmal printer

- 6
- The "Add Printer" screen appears.
Select "(TM-S9000 Compatible mode)" from "Select model". Select a printer from "Compatible printer" and select the station(s) to be used. Click the (Next) button.

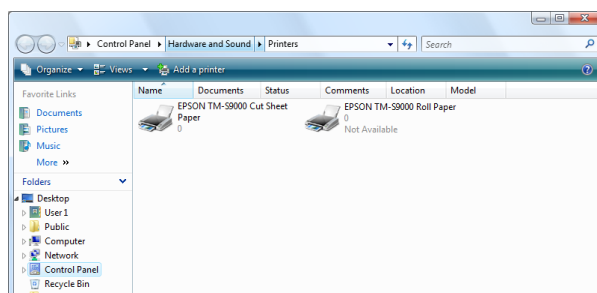


Station	Description
Receipt	Thirmal printer
Slip	Ink jet printer
Slip Rotate	Ink jet printer
Validation	Ink jet printer

- 7** The “Printer Configuration” screen appears. Confirm the driver to be installed and click the (Next) button. To add another driver, click the (Add) button and repeat Step 5 or 6.



- 8** The “Start Copying Files” screen appears. See "Current Settings" to confirm the installation settings and then click the (Next) button.
- 9** The “InstallShield Wizard Complete” screen appears. Click the (Finish) button to finish installation.
- 10** Confirm that the printer drivers are installed in (Hardware and Sound) - (Printers) from (Start) - (Control Panel) ([Reference page of other OS.](#)).



Connecting the Product

Before connecting the product, set the Handshaking setting of the printer to "Receive buffer full". Connect the product. For information on how to connect the product, see the User's Manual supplied with the product or the Technical Reference Guide.

CAUTION

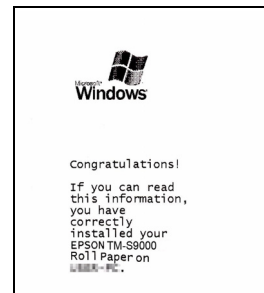
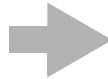
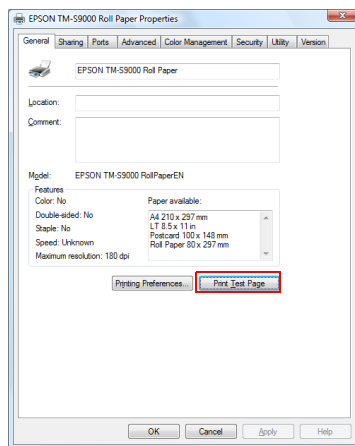
- Turn off the power of the product and wait for more than 5 seconds before turning on the power.
- Do not connect the product to the computer before installing the PDS. In case you connect the product first, delete the port drivers and reinstall the printer drivers without connecting the product.

Print Test Page

After installing the PDS, execute test print to check if the PDS is properly installed and work normally.

Perform Print Test Page in the following procedures.

- 1 Open the Printers screen from (Start) - (Control Panel). Right click the printer driver you have installed and select (Properties) ([Reference page of other OS.](#)).
- 2 The Properties screen of the printer appears. Click the (Print Test Page) button to start test printing.



Roll Paper

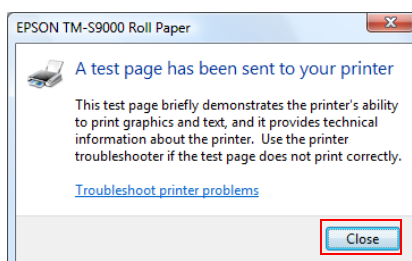


Cut Sheet Paper

NOTE

- Print Test Page of the PDS does not print all the data, unlike normal Print Test Page does.

- 3** The following screen appears. If the test print was output correctly, click the (Close) button. If the test print was not output correctly, click the (Troubleshoot...) button and perform troubleshooting in accordance with the Windows message.



Uninstallation

Uninstall everything related to PDS (port drivers, printer drivers, and so on).

CAUTION

Do not uninstall printer drivers directly from [Start] - [Control Panel] - [Hardware and Sound] - [Printers] ([Reference page of other OS.](#)). Even if the icon (the printer driver) disappeared from the screen, PDS is not uninstalled. To uninstall the printer driver, see "[Uninstalling the printer driver](#)" on page 36.

NOTE

The PDS has the silent uninstallation function that enables you to uninstall without displaying any screens. For more details, see "[/uninstall : Silent Uninstallation](#)" on page 48.

Follow the procedure below to uninstall the PDS.

- 1** End all the other operations on the computer.
- 2** Select from (Start) - (All Programs) - (EPSON) - (EPSON Printer Driver For TM-S Series) and open (Change or delete PDS, or create a silent installer for PDS.)
- 3** The "Welcome" screen appears. Select "Uninstall", then click the (Next) button.
- 4** The uninstallation confirmation screen appears. Click the (Yes) button.
- 5** The PDS is uninstalled.
- 6** The "Uninstall Complete" screen appears. Click the (Finish) button to finish uninstallation.

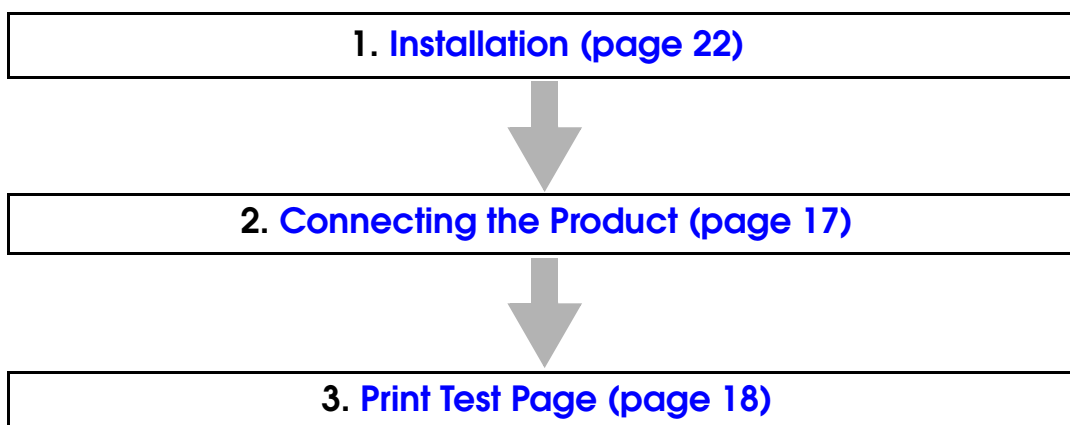
Custom Install

In the custom installation, you can select certain features to install.

CAUTION

- If a printer driver has been installed in Compatible mode, do not install a printer driver for the model other than that of the installed driver.

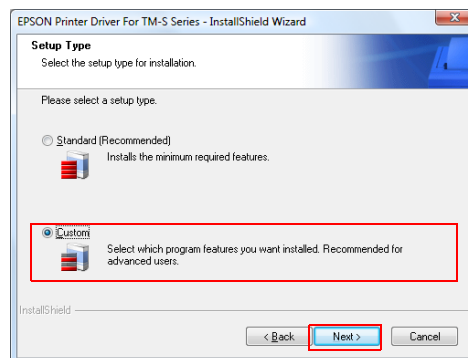
Installation Flow



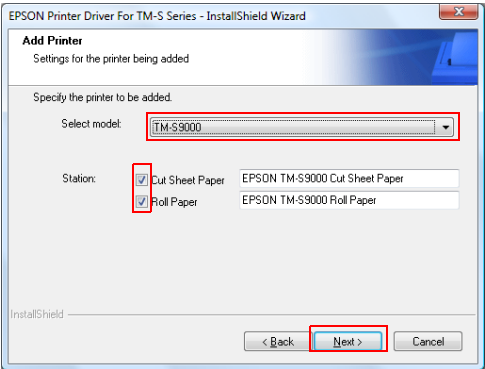
Installation

Follow the procedure below.

- 1** Double click the (PDS) icon of installer and start the installation.
- 2** The "InstallShield Wizard" screen appears. Check (Warning) for the environment of the computer. To continue installation, click the (Next) button.
- 3** The "License Agreement" screen appears. Read through it and if you accept its terms, select "I accept the terms of the license agreement" and click the (Next) button.
- 4** The "Setup Type" screen appears. Then select "Custom" and click the (Next) button. To use a compatible driver, go to Step 6.

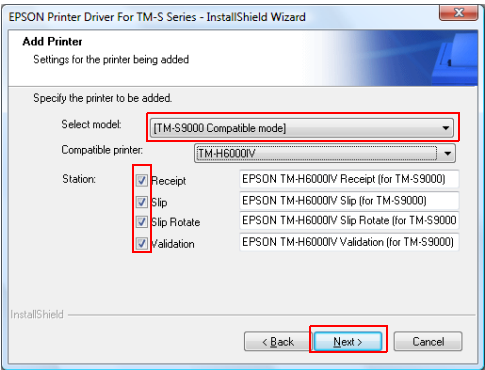


- 5** The “Add Printer” screen appears.
Select "TM-S9000" from "Select model". Confirm that the station(s) to be used are selected and click the (Next) button. Go to Step 7.



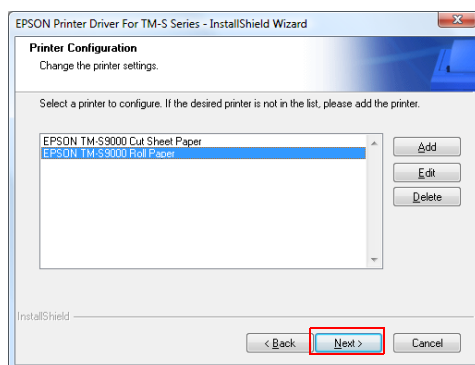
Item	Description
Cut Sheet Paper	Inkjet printer
Roll Paper	Thirmal printer

- 6** The “Add Printer” screen appears.
Select "(TM-S9000(Compatible mode))" from "Select model".
Select a printer from "Compatible printer" and select the station(s) to be used. Click the (Next) button.

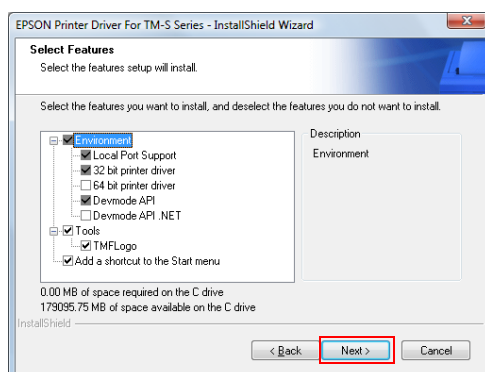


Item	Description
Receipt	Thirmal printer
Slip	Ink jet printer
Slip Rotate	Ink jet printer
Validation	Ink jet printer

- 7** The “Printer Configuration” screen appears. Confirm the driver to be installed and click the (Next) button. To add another driver, click the (Add) button and repeat Step 5 or 6.



- 8** The “Select Features” screen appears. Select the features of the PDS you want to install, and then click the (Next) button. The following features are available.



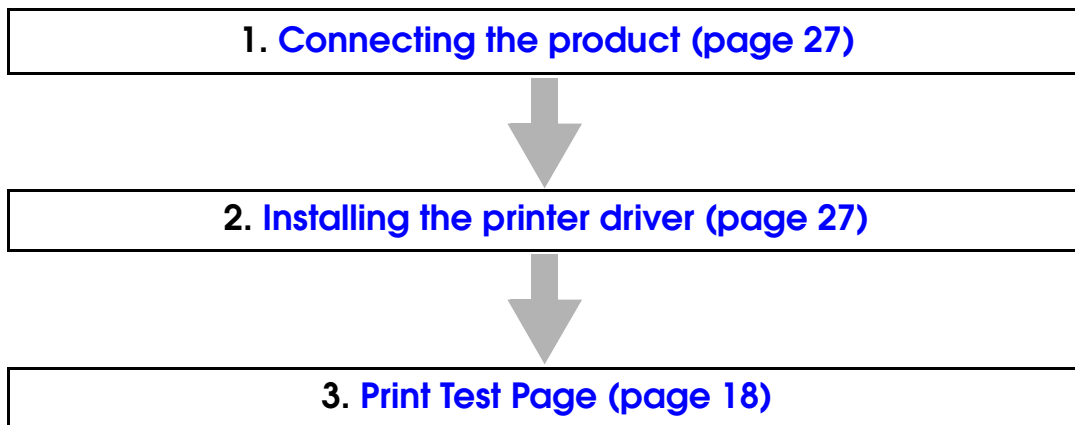
Features		Description
Environment	32bit printer driver	Supports EPSON printer driver for 32 bit version OS. Selectable when installing from 64 bit version OS.
	64bit printer driver	Supports EPSON printer driver for 64 bit version OS. Selectable when installing from 32 bit version OS.
	Devmode API .NET	Supports Devmode API in .NET environment.
Tools	TMFLogo	Installs theTM Flash Logo Setup Utility Ver. 3 that allows you to save bitmapped images to the device.
Add a shortcut to the Start menu		Shortcut icon to the PDS will be added in the Start menu. Default setting : cheked

- 9** The “Start Copying Files” screen appears. See “Current Settings” to confirm the settings to be installed and then click the (Next) button.
- 10** The “InstallShield Wizard Complete” screen appears. When you click the (Finish) button, the installation ends.
- 11** In (Start) - (Control Panel) - (Hardware and Sound) - (Printers), check that the specified printer driver is correctly installed. ([Reference page of other OS.](#))

Plug and Play

Using Windows Plug and Play function, a printer driver can be easily installed on a computer on which the PDS is already installed.

Installation Flow



Connecting the product

Connect the product.

CAUTION

- Turn off the power of the product and wait for more than 5 seconds before turning on the power.

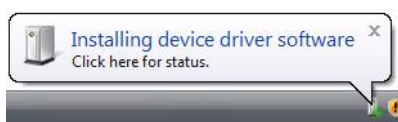
NOTE

- If you inadvertently connect the product to the computer before installing the PDS, delete the corresponding port driver and then, without connecting the product, reinstall the printer driver.

Installing the printer driver

The printer driver is automatically installed when the connected printer is turned on.

The following message appears in the lower right of the computer screen.



CAUTION

The printer driver cannot be added when the product is offline (cover open, paper out, and so on.) When it recovers from the offline status, the printer driver will be added.

Shared Printer

PDS supports shared printer (Point&Print). This section describes how to install a shared printer into a client computer.

The uninstallation procedure is also provided.

NOTE

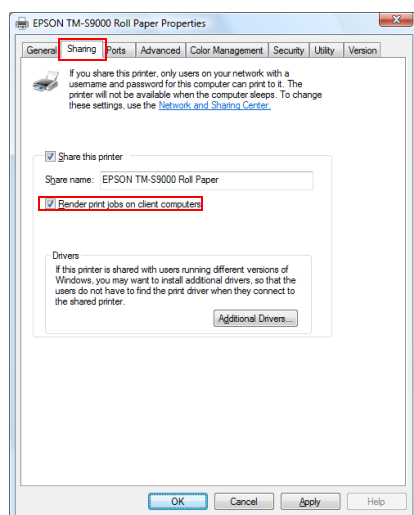
When you install both 32 bit and 64 bit printer drivers on a server, the shared printer environment can be provided for clients using 32 bit and 64 bit version OS.
For example, if the 32 bit driver is prepared on a 64 bit server, the server can provide the driver for 32 bit clients.

Installation

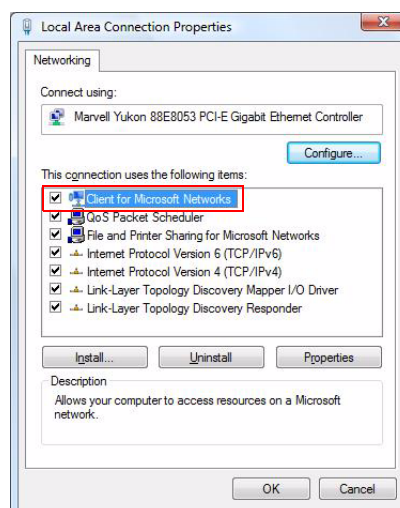
Before installing the printer to be shared, check the followings.

- Make sure the printer for the server is set for sharing.
- Make sure Client for Microsoft Networks is installed on a server and a client computer on which the PDS will be installed.

<Printer setting for sharing>
(Server)



<Checking Client for Microsoft Networks>
(Server/Client)

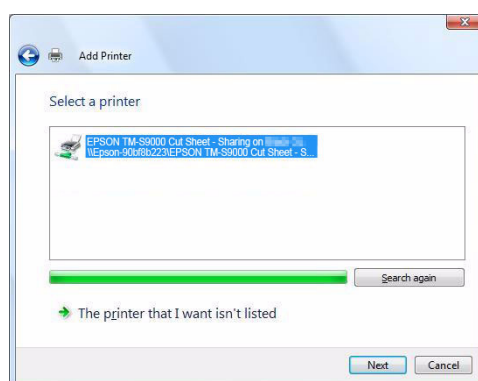


NOTE

When more than one user uses one client computer, each user must install Client for Microsoft Networks.

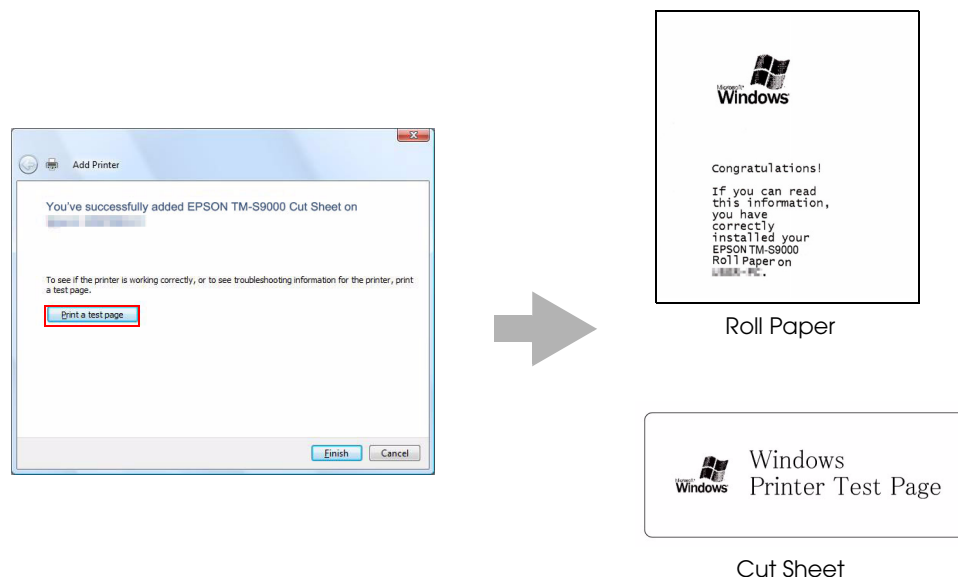
Follow the procedures below to install the shared printer on the client computer.

- 1** From (Start) - (Control Panel) - (Hardware and Sound), select (Add a printer). ([Reference page of other OS.](#))
- 2** The "Choose a local or network printer" screen appears. Select (Add a network, wireless or Bluetooth printer).
- 3** The "Select a printer" screen appears. Select a printer to be shared on the displayed list, and click the (Next) button.

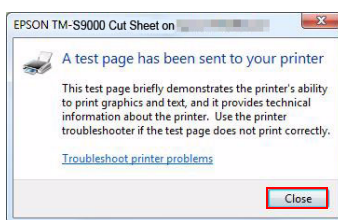


- 4** The selected shared printer is installed.

- 5** Click the (Print a test page) button to check if the printer functions normally.



- 6** The following screen appears. If the test print was output correctly, click the (Close) button. If the test print was not output correctly, click the (Troubleshoot...) button and perform troubleshooting in accordance with the Windows message.



- 7** Click the (Finish) button to finish the installation.
- 8** In (Start) - (Control Panel) - (Hardware and Sound) - (Printers), check that the specified printer driver is correctly installed. ([Reference page of other OS.](#))

Uninstallation

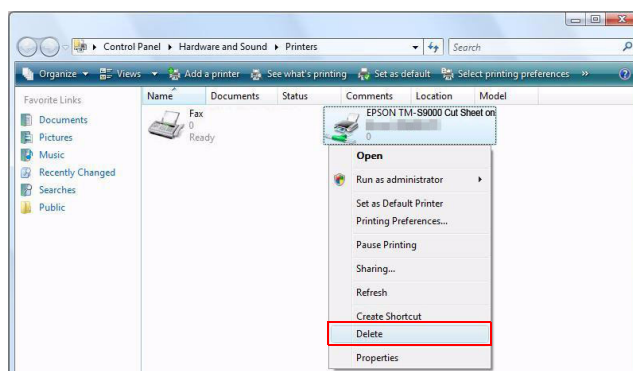
This section describes how to uninstall a shared printer from a client computer.

- Uninstall the shared printer [page 31](#)
- Uninstall the PDS [page 32](#)

Uninstalling the shared printer

Follow the procedures below to uninstall the shared printer.

- 1** From (Start) - (Control Panel) - (Hardware and Sound), select (Printers).
([Reference page of other OS.](#))
- 2** Right click on the printer driver to be deleted and select (Delete).



Uninstalling the PDS

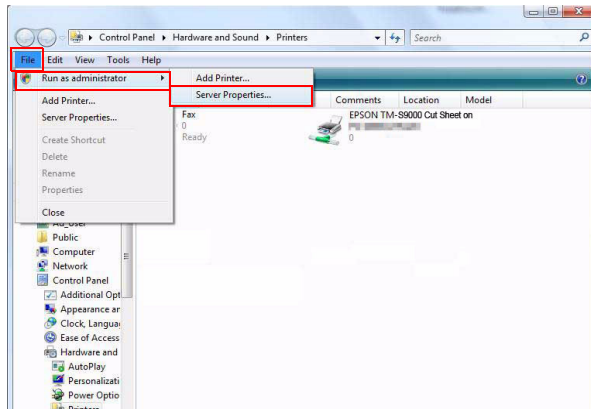
Follow the procedures below to uninstall the PDS.

CAUTION

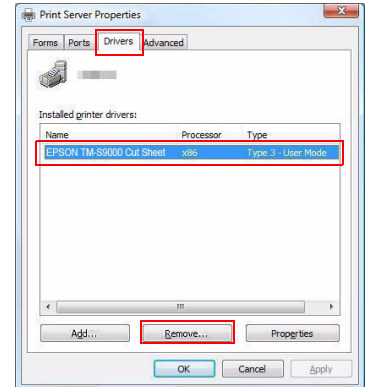
Uninstallation of the PDS must be executed by an administrator.
A normal user needs an administrator's password to execute the uninstallation.

- 1** Uninstall all the shared printers. See ["Uninstalling the shared printer" on page 31.](#)
- 2** From (Start) - (Control Panel) - (Hardware and Sound), select (Printers). ([Reference page of other OS.](#))
- 3** From (File) - (Run as administrator), select (Server Properties). ([Reference page of other OS.](#))
- 4** The "Print Server Properties" screen appears.
Select a printer driver to delete in the (Drivers) tab, and click the (Remove) button.

3 >



4 >

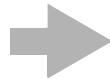
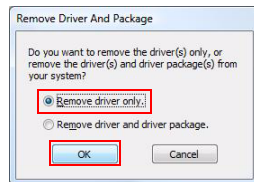


- 5** The “Remove Driver And Package” screen appears. Select “Remove driver only,” and click the (OK) button.

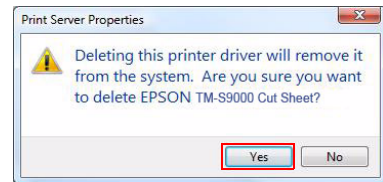
For Windows XP, the screen in Step 5 does not appear. Go to Step 6.

- 6** The “Print Server Properties” screen appears. Click the (Yes) button to delete the printer driver selected in Step 4.

5 >

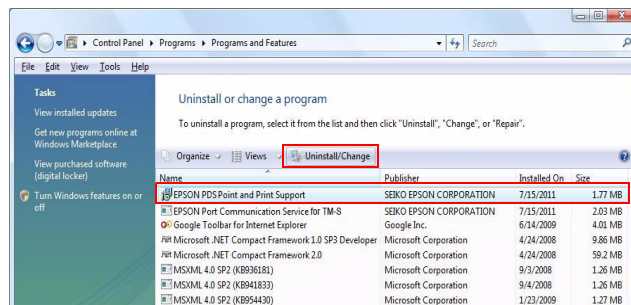


6 >

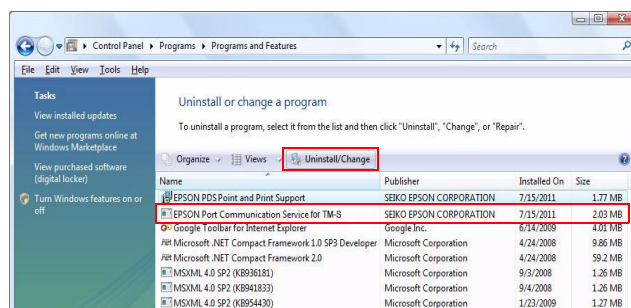


- 7** From (Start) - (Control Panel), select (Uninstall a program). ([Reference page of other OS.](#))

- 8** Select "EPSON PDS Point and Print Support", and click the (Uninstall) button to delete (EPSON PDS Point and Print Support).



- 9** Select “EPSON Port Communication Service for TM-S” and click the (Uninstall) button to delete “EPSON Port Communication Service for TM-S” and uninstallation of the PDS is completed.



Maintenance after Installing the PDS

Maintenance procedures after the PDS is installed.

- Adding the printer driver
- Uninstalling the printer driver
- Replacing a printer

CAUTION

- If a printer driver has been installed in Compatible mode, do not install a printer driver for the model other than that of the installed driver.

Adding the printer driver

You can add the printer driver by following the steps below.

CAUTION

You cannot add the printer drivers directly from [Start] - [Control Panel] - [Hardware and Sound] - [Printers]. ([Reference page of other OS.](#))

- 1** From (Start) - (All Programs) - (EPSON) - (EPSON Printer Driver For TM-S Series) - (Change or delete PDS, or create a silent installer for PDS.)
- 2** The "Welcome" screen appears. Then select "Custom" and click the (Next) button.
- 3** The "Printer Configuration" screen appears. Click the (Add) button to select the model to install.
- 4** The "Add Printer" screen appears.
Select the model of the driver already installed from "Select model".
Select the checkbox for the driver to be used and click the (Next) button.

Item	Description
Cut Sheet Paper	Ink jet printer
Roll Paper	Thirmal printer
Receipt	Thirmal printer
Slip	Ink jet printer
Slip Rotate	Ink jet printer
Validation	Ink jet printer

- 5** The display return to the "Printer Configuration" screen. All the printer drivers, configured between Step 4, appear in the list. When the settings of the printer drivers are finished, click the (Next) button.
- 6** The "Select Features" screen appears. Select the features of the PDS you want to install, and then click the (Next) button. The following features are available.

Features		Description
Environment	32bit printer driver	Supports EPSON printer driver for 32 bit version OS. Selectable when installing from 64 bit version OS.
	64bit printer driver	Supports EPSON printer driver for 64 bit version OS. Selectable when installing from 32 bit version OS.
	Devmode API .NET	Supports Devmode API in .NET environment.
Tools	TMFLogo	Installs the TM Flash Logo Setup Utility and TM Flash Logo Setup Utility Ver. 3 that allows you to save bitmapped images to the device.
Add a shortcut to the Start menu		Shortcut icon to the PDS will be added in the Start menu. Default setting : cheked

- 7** The "Start Copying Files" screen appears. See "Current Settings" to confirm the settings to be installed and then click the (Next) button.
- 8** The "Maintenance Complete" screen appears. When you click the (Finish) button.

Uninstalling the printer driver

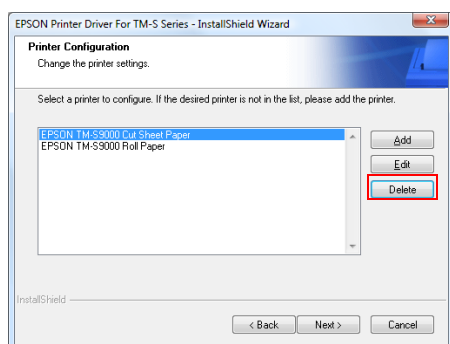
To uninstall printer driver(s) out of use when multiple drivers are installed, follow the steps below.

CAUTION

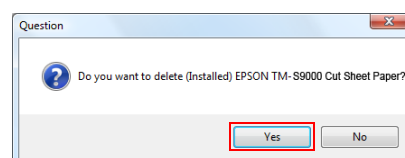
To uninstall all printer drivers, refer to ["Uninstallation" on page 20](#).

- 1 Select from (Start) - (All Programs) - (EPSON) - (EPSON Printer Driver For TM-S Series) and open (Change or delete PDS, or create a silent installer for PDS.)
- 2 The "Welcome" screen appears. Then select "Custom" and click the (Next) button.
- 3 The "Printer Configuration" screen appears. Select the printer driver from the list which you want to remove, and click the (Delete) button.
- 4 A screen appears to confirm the remove action. Click the (Yes) button.

3 >



4 >



- 5 The display returns to the "Printer Configuration" screen. Click the (Next) button.
- 6 The "Select Features" screen appears. Features installed on your computer are automatically checked. Uncheck the feature to uninstall. Click the (Next) button.

- 7** The “Start Copying Files” screen appears. Confirm the printer driver to be removed which is displayed in "Current Settings" and then click the (Next) button.
- 8** The printer driver removed in Step 3 to Step 5 will be removed.
- 9** The “Maintenance Complete” screen appears. When you click the (Finish) button, the process of uninstalling the printer driver ends.

Replacing a printer

When you replace the products equipped with the same interface, beware of the following.

- When a logo is set for the product, set up the logo again.
- If the settings are changed using TM-S9000 Utility, apply the same settings to the new product.



Silent Installation

This chapter describes the procedures for the Silent Installation.

What Is a Silent Installation?

The silent installation is a method that copies the existing PDS setup environment to other computers without user operation. There are the following two methods.

❑ Using a silent installation package (*.exe)

Create the silent installation package on the copy source computer.

- Executing this file on another computer enables you to install the minimum environment for operating the PDS from all the environment of the copy source computer.
- When the silent installation is executed with this file, you cannot create the silent installation package or the script file for the silent installation, or add another printer.

❑ Using a script file (*.inf) for the silent installation

Create the script file for the silent installation on the copy source computer.

- Executing this file and the PDS file (PDS_1xx_yyyy.exe) on another computer enables you to install the complete PDS environment of the copy source computer.
- In the environment in which the silent installation is executed with this file, you can create the silent installation package or the script file for the silent installation, and you can also add another printer.

With this function, you can incorporate the PDS installation into a batch file, a recovery disc for the OS, and an installer of an application.

Also, you can add the command options for the silent installation to enable the following functions.

- Notification when completing the installation
- Restart setting after completing the installation
- Upgrade installation settings
- Installing without displaying screens.

CAUTION

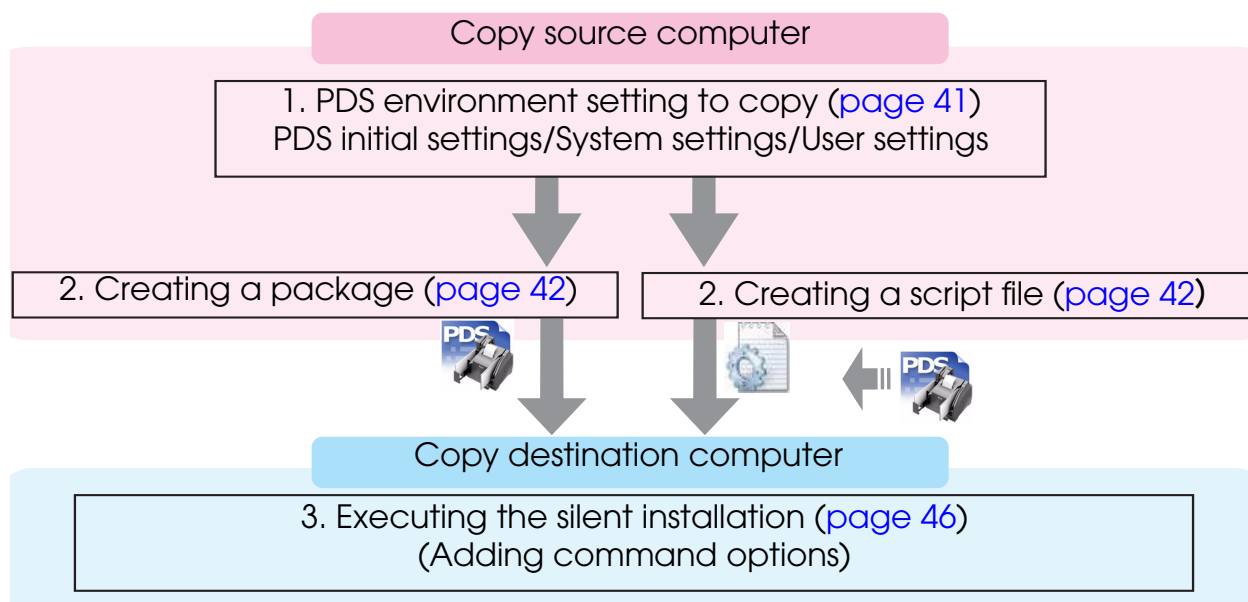
- To use the silent installation, Internet Explorer version 4.0 or later is required.

This method is useful especially in the following cases:

- You can make the same setting to multiple computers easily.
- Even computers with no displays can be set up.
- In case of printing trouble, the PDS environment of the computer with an error can be recreated on another computer by using the script file for the silent installation of that computer, and it improves the service and maintenance function. (In the environment in which the silent installation is executed with the silent installation package, the script file for the silent installation cannot be created.)

Flow of the Silent Installation

The flow of the silent installation is described below.



Setting the PDS Environment To Be Copied

Create the PDS environment for the silent installation on the copy source computer.

Following PDS environment to be copied can be selected.

- PDS initial setting

This is the setting when installing the PDS.

- System setting

This is the system setting for the printer.

- User setting

This is the user setting for the printer. The same setting as that of the copy source computer.

PDS Setting

When copying the user setting or system setting of the printer, see the “Driver Manual” to make settings.

Making the system setting

Select (Start) - (Control Panel) - (Hardware and Sound) - (Printers), right-click the printer, and select (Properties) - (Advanced) - (Printing Defaults) to make settings. ([Reference page of other OS.](#))

Making the user setting

Select (Start) - (Control Panel) - (Hardware and Sound) - (Printers), right-click the printer, and select (Properties) - (General) - (Printing Preferences) to make settings. ([Reference page of other OS.](#))

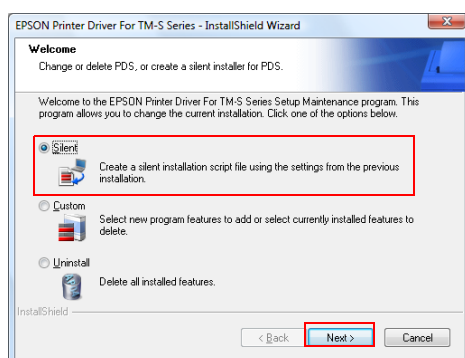
Creating a Package or Script file

Create the silent installation package or the script file for the silent installation.

First, confirm which PDS environment to copy on the copy source computer. (See "[Setting the PDS Environment To Be Copied](#)" on page 41)

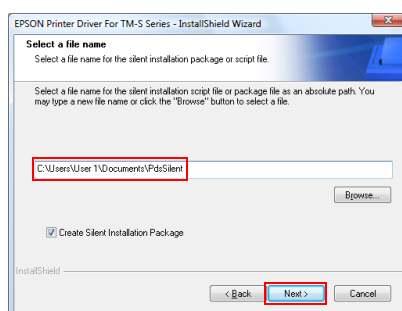
Follow the steps below.

- 1 Select from (Start) - (All Programs) - (EPSON) - (EPSON Printer Driver For TM-S Series) and open (Change or delete PDS, or create a silent installer for PDS.)
- 2 The "Welcome" screen appears. Select "Silent", then click the (Next) button.

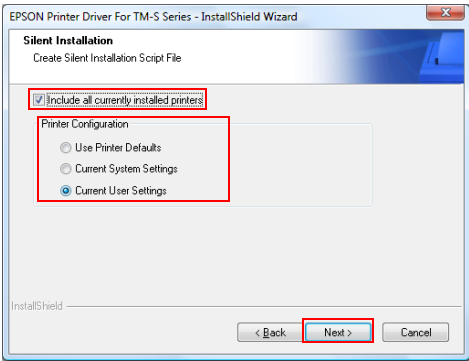


- 3 The "Select a file name" screen appears. Specify a destination folder and file name, and specify which type of file to create. Click the (Next) button.

Setting	Description
Location to save the file and file name	Specify a destination and a file name for the file to be created.
Create silent installation package	<ul style="list-style-type: none">• Check when you want to create a silent installation package.• Uncheck when you want to create a script file for the silent installation. (Checked by default.)

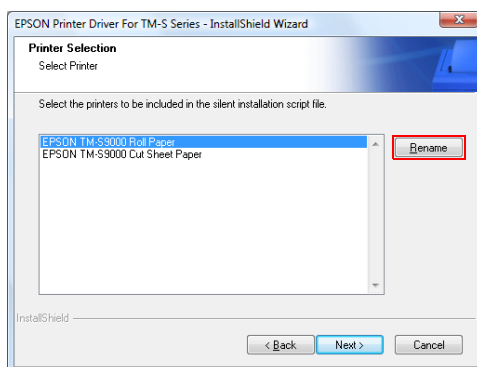


- 4** The “Silent Installation” screen appears. Select the setting you want to copy from (Printer Configuration), and select the printer to be installed. If you do not want to select all the printers installed in the copy source computer with the PDS, uncheck (Include all currently installed printers). Click the (Next) button.
- The setting in (Printer Configuration) is the default value for the copy destination printer. When installing multiple printers, you cannot change each printer individually.
 - Go to Step 7 when you check (Include all currently installed printers).

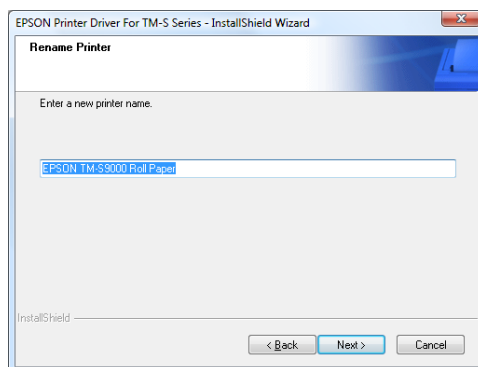


Setting	Description
Include all currently installed printers	If checked, all the PDS printers installed in the copy source computer are selected. If unchecked, each PDS printer installed in the copy source computer can be selected. (Checked by default.)
Printer Configuration	Select the printer setting that you want to copy.
Use Printer Defaults	Setting when the PDS is installed is used.
Current System Settings	System settings of the printer You can check them by selecting (Properties) - (Advanced) - (Printing Defaults).
Current User Settings	User Settings of the printer You can check them by selecting (Properties).

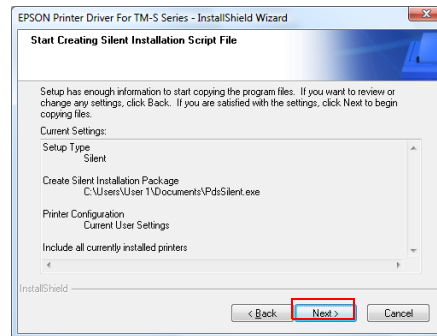
- 5** "Printer Selection" screen appears. Select the printer driver you want to copy. To change the printer name, click the (Rename) button. If you do not want to change the printer name, go to step 7 by clicking the (Next) button.



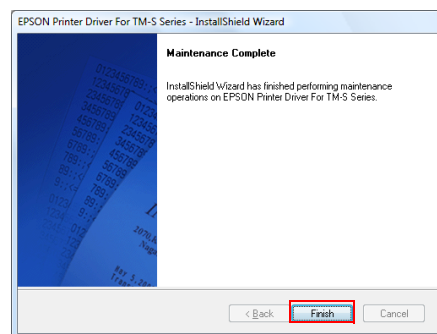
- 6** The "Rename Printer" screen appears. Change the printer driver name, and click the (Next) button.



- 7** The “Start Creating Silent Installation Script File” screen appears. Make sure that the file information displayed in “Current Settings” is correct and click the (Next) button to create the silent installation package or the script file for the silent installation.



- 8** The “Maintenance Complete” screen appears. Click the (Finish) button. The silent installation package or the script file for the silent installation has been created in the destination folder specified in Step 3.



Executing the Silent Installation

You can execute the silent installation using the following methods.

- Execute the silent installation package on the copy destination computer.
- Copy the script file for the silent installation and the PDS file, and execute a command from the command prompt.
- Develop a batch file or an application for the PDS installation, and execute it.

How to execute the Silent Installation

Following the procedures below to execute the silent installation.

Installing using the silent installation package

Copy the silent installation package to the copy destination computer, and execute the following command.

```
>[Package File Name(specified with the full path)]
```

Ex: D:\PDS>PDSSilent.exe

When checking the result of silent installation using a package file, check that the specified printer driver is correctly installed in [Start] - [Control Panel] - [Hardware and Sound] - [Printers].

Installing using the script file for the silent installation

Copy the script file for the silent installation and the PDS file, and execute the following command.

```
>[PDS_100_S9000.exe (specified with the full path)]  
    [/s /f1 "PDSSilent.inf (specified with the full path)"]
```

Ex: D:\PDS>PDS_100_S9000.exe /s /f1"D:\PDS\PDSSilent.inf"

Checking the Installation Result

The silent installation results of the silent installation package/script file for the silent installation can be checked in the “Result Code” of “PDSSilentSetup.log” which is created in the same location as that of the package or the file.

The contents of “Result Code” are as follows.

Result Code	Description
0	Completed successfully
-3	The PDS has already been installed.
2	The files needed for silent installation could not be found.
1151	The OS does not support the PDS.
1223	The silent installation was cancelled by the user.

Command Options

The command options of the silent installation and how to make settings are described below.

NOTE

You can use the command options in combination.

/s /f1 : Silent installation using the script file

Using this command option enables you to execute the silent installation using the script file for the silent installation.

For more details, see ["Installing using the script file for the silent installation" on page 46](#).

/s /a : Upgrade

Using this command option enables you to upgrade the PDS.

Example

```
D:\PDS\PDS_100_S9000.exe /s /a
```

/uninstall : Silent Uninstallation

Using this command option enables you to uninstall using the command line.

Example

```
D:\PDS\PDS_100_S9000 /s /uninstall
```



When "/s" is not attached, the uninstallation screen is displayed.

/d : Display the silent installation result in a dialog

Using this command option enables you to display the silent installation result in a dialog when the installation is completed.

Example

Package File

```
D:\PDS\PDSSilent.exe /d
```

Script File

```
D:\PDS\PDS_100_S9000 /s /f1"D:\PDS\PDSSilent.inf" /d
```

/w /m :

Display a window message of the silent installation completion

Adding the Windows handle and message ID to the command enables you to display a window message of the silent installation completion.

Example

In the example below, Windows handle is 0x6789abc, and message ID is 0x0501

Package File

```
D:\PDS\PDSSilent.exe /w6789abc /m0501
```

Script File

```
D:\PDS\PDS_100_S9000 /s /f1"D:\PDS\PDSSilent.inf" /w6789abc /m0501
```

/r : Restart setting after the installation

Using this command option enables you to make the restart setting of OS after the silent installation is completed.

Example when you want to restart

Package File

```
D:\PDS\PDSSilent.exe /rY
```

Script File

```
D:\PDS\PDS_100_S9000 /s /f1"D:\PDS\PDSSilent.inf" /rY
```

Example when you do not want to restart

Package File

```
D:\PDS\PDSSilent.exe /rN
```

Script File

```
D:\PDS\PDS_100_S9000 /s /f1"D:\PDS\PDSSilent.inf" /rN
```

/l : Specify the install log file

Using this command option enables you to specify the output destination of the installation log (PDSSetup.log). Normally this is output in the Windows folder.

Example

Package File

```
D:\PDS\PDSSilent.exe /l"D:\PDS\log.txt"
```

Script File

```
D:\PDS\PDS_100_S9000 /s /f1"D:\PDS\PDSSilent.inf"  
/l"D:\PDS\log.txt"
```

