SMART Meeting Pro™ 2.3

Windows® operating systems

System administrator's guide

Extraordinary made simple™ | **SMART**™

Installation overview

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LINKS

Please send any feedback on this guide to DocumentationFeedback@smarttech.com.

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Chapter 1
Getting started

This guide explains how to customize and deploy SMART Meeting Pro™ software.

This guide is intended for IT administrators and others experienced with customizing, deploying and administering Windows® software in a networked environment. To use this guide, you must:

- Know IT terminology such as "registry" and "domain controller"

- Know how to complete basic administrative tasks in Windows operating systems such as modifying the registry

- Have administrative privileges and access to servers

- Have Internet access

> ☞ **IMPORTANT**
>
> You must run the commands documented in this guide in an *Administrator Command Prompt* window. To open an *Administrator Command Prompt* window, right-click the **Command Prompt** icon, and then select **Run as Administrator**.

Computer requirements

Before you install SMART Meeting Pro software, ensure your computers meet the minimum requirements defined in this section.

Hardware

- 2 GHz dual-core processor or faster (quad-core recommended)

- 1 GB of RAM (Windows XP operating system) or 4 GB of RAM (Windows 7 operating system)

- 1 GB of free hard disk space (additional free space required during installation)

- 10 Mbps network connection (100 Mbps recommended) supporting TCP/IP

- Video card supporting DirectX® technology 9

Software

- Windows XP SP3 or Windows 7 operating systems

- DirectX technology 9 or later

- Internet Explorer® 6 or later

- Adobe® Reader® 5 or later

Installation packages and supporting files

Before you can customize or deploy SMART software, you must locate the installation packages and supporting files.

Installation packages

There is one installation package (also known as an MSI file) for SMART Meeting Pro software:

Installation package	File name
SMART Meeting Pro software	**SMART Meeting Pro.msi**

There is one installation package for SMART Product Drivers 10.7 SP1:

Installation package	File name
SMART Product Drivers	**SMART Product Drivers Installer.msi**

> **ℹ NOTE**
>
> You need to install SMART Product Drivers only on computers connected to SMART Board™ interactive whiteboards or other SMART interactive products.

Download these installation packages from smarttech.com/administratordownloads.

Save the packages in a location on your network that's accessible to all computers on which you plan to install the software.

Language files

If you plan to deploy the installation packages in a language other than English (U.S.), ensure the corresponding MST file for the language is in the same folder as the MSI file (see *Installation language files and codes* on page 29).

Chapter 2
Customizing installation packages

You can customize installation packages using SMART Install Manager.

OR

You can customize installation packages using third-party tools and Windows Installer properties.

Using SMART Install Manager

SMART Install Manager enables you to customize SMART software installation packages (also known as MSI files) by publishing MST files. You can then deploy the MSI and MST files to computers using third-party imaging or remote management software.

Installing SMART Install Manager

Download and install SMART Install Manager from the SMART Support website.

To install SMART Install Manager from the website

1. Go to smarttech.com/administratordownloads.

2. Scroll to *SMART Meeting Pro software*, click **Choose a version**, and then select **SMART Meeting Pro > 2.3 for Windows**.

3. Click **Download SMART Install Manager**, and then click **Download**.

4. Save the **Install Manager.exe** file to your computer.

5. Double-click the **Install Manager.exe** file.

    The SMART Install Manager installation wizard appears.

6. Follow the on-screen instructions.

Using SMART Install Manager

After you install SMART Install Manager, shortcuts to the software appear on the desktop and in the Start menu under **All Programs > SMART Technologies > SMART Install Manager**.

With SMART Install Manager, you can do the following:

- Open and customize an installation package.

- Save your changes to the installation package as an XML file.

- Publish your changes to the installation packages as an MST file.

Opening an installation package

To customize an installation package, drag its MSI file into the SMART Install Manager window.

Alternatively, you can search for installation packages on your computer by clicking .

> **i** **N O T E**
>
> All installation packages you've previously opened in SMART Install Manager appear in the *Unmodified Packages* tab.

After you open an installation package, a set of pages for that installation package appears in SMART Install Manager. Customize the installation package using the controls on these pages.

Page links

Page content
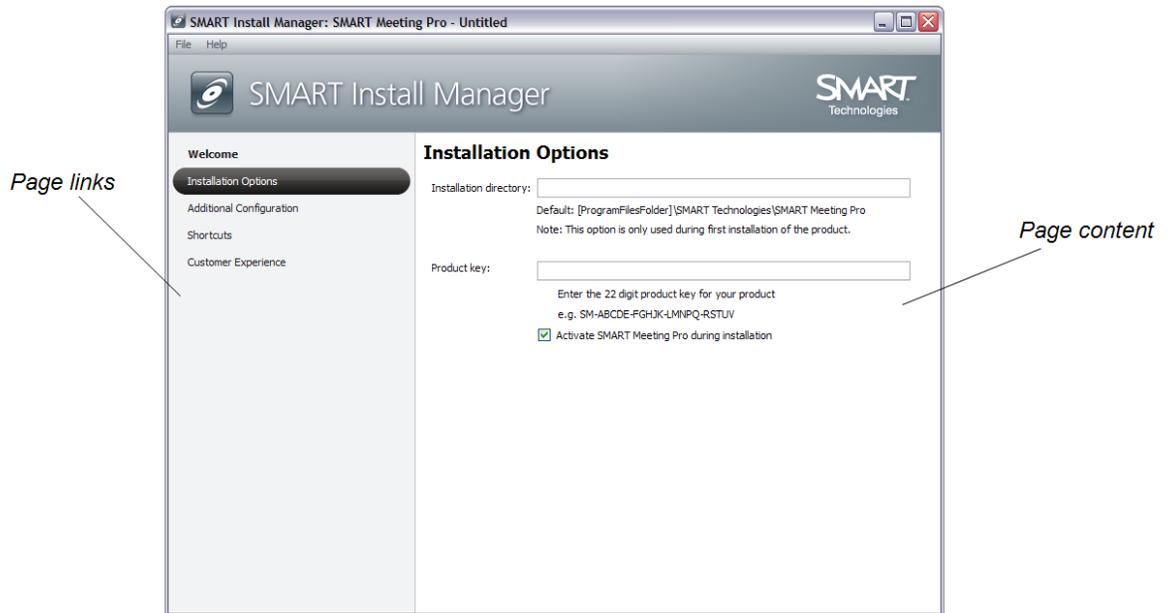
Saving your changes

After you customize an installation package, save your changes as an XML file by selecting **File > Save As**. When you next start SMART Install Manager, load the XML file by selecting **File > Open**, or by opening the MSI file and then selecting **File > Import**.

Publishing your changes as an MST file

The final step in using SMART Install Manager to customize an installation package is to publish your changes as an MST file. To do this, select **File > Publish**, and then use the dialog box to define a location for and create the MST file.

> **TIP**
>
> Publish the MST file in the same location as the MSI file.

Customizing the SMART Meeting Pro installation package

To customize the SMART Meeting Pro installation package, open the **SMART Meeting Pro.msi** file in SMART Install Manager (see *Using SMART Install Manager* on page 6), and then set the controls on each page.

Control	Procedure	Notes
Installation Options		
Installation directory	Type the path to your preferred folder for SMART Meeting Pro software.	If you don't specify a folder, Windows Installer installs SMART Meeting Pro software in *[Program files]***SMART Technologies\SMART Meeting Pro**.
Product key	Type your 22-character product key for SMART Meeting Pro software.	You can type the product key with or without hyphens. When you type a volume product key, the software activates when you deploy it to your network computers.
Activate SMART Meeting Pro during installation	Select to activate SMART Meeting Pro software automatically during installation rather than manually after installation.	
Additional Configuration		
E-mail Address	Type an e-mail address for the SMART Meeting Pro software installation.	Users can e-mail Whiteboard files to themselves or to other users in SMART Meeting Pro software. When they do so, the software uses this e-mail address in the *From* field.
E-mail Server	Type the e-mail server for the SMART Meeting Pro software installation.	Users can e-mail Whiteboard files to themselves or to other users in SMART Meeting Pro software. When they do so, the software uses this e-mail server to send the file.
Use system e-mail client	Select to use the computer's default e-mail client to send e-mail messages.	
Ink type	Select **Calligraphic** to use calligraphic ink, which smoothes your writing strokes and improves the readability of your notes. OR Select **Regular** to use regular ink.	

Control	Procedure	Notes
Shortcuts		
Install Desktop shortcut	Select to create shortcuts to SMART Meeting Pro software on the desktop.	
Launch SMART Meeting Pro at Startup	Select to start SMART Meeting Pro software automatically when the user logs on.	
Customer Experience		
Allow users to participate in the Customer Experience Program	Select to allow the user to enable or disable the Customer Experience Program.	When the software first starts, it will ask the user whether he or she wants to participate in the Customer Experience Program.
Enable the Customer Experience Program on all computers	Select to automatically enable the Customer Experience Program for the user.	
Disable the Customer Experience Program for all users, but allow users to enable it	Select to automatically disable the Customer Experience Program for the user.	The user can enable the Customer Experience Program through the *Help* menu.
Disable the Customer Experience Program for all users, and do not allow users to enable it	Select to automatically disable the Customer Experience Program for the user.	The user can't enable the Customer Experience Program through the *Help* menu.

Customizing the SMART Product Drivers installation package

To customize the SMART Product Drivers installation package, open the **SMART Product Drivers Installer.msi** file in SMART Install Manager (see *Using SMART Install Manager* on page 6), and then set the controls on each page.

Control	Procedure	Notes
Installation Options		
Installation directory	Type the path to your preferred folder for SMART Product Drivers.	If you don't specify a folder, Windows Installer installs SMART Product Drivers in *[Program files]*\SMART Technologies\SMART Product Drivers.

Control	Procedure	Notes
SMART Product Update (SPU) Options		
Install SMART Product Update	Select to install SPU.	
Check for updates	Type the number of days (1 to 60) between SPU checks.	By default, SPU checks for product updates every 30 days.
Notify users about SMART product updates	Select to notify users of available SMART product updates through the Windows notification area.	
Driver Installation Options		
Install SMART Document Camera drivers	Select to enable the registration of SMART Document Camera™ drivers.	Disable the registration of SMART Document Camera drivers if they conflict with existing third-party drivers on the computer.
Install unsigned drivers	Select this check box to enable the registration of unsigned third-party drivers.	If you enable the registration of unsigned third-party drivers, the installation process could ask users if they trust the makers of the drivers during installation. This can cause issues if you deploy the installation in Silent mode. Therefore, it's best to disable the registration of third-party drivers if you deploy the installation in Silent mode.
Post Installation Options: SMART Tools		
Start SMART Tools at logon	Select to start SMART Tools when the user logs on.	
Post Installation Options: Tablet PC Support		
Enable Tablet PC Support	Select to use Tablet PC functionality with the SMART Board interactive display without having to connect a Tablet PC.	This property is applicable to Windows 7 operating system only. It has no effect on other operating systems.

Control	Procedure	Notes
Post Installation Options: SNMP Agent		
Start Simple Network Management Protocol (SNMP) Agent	Select to enable remote monitoring and control of your SMART products and projectors from a central location using SMART SNMP Agent.	

Using third-party tools

You can customize SMART software installation packages by creating MST files using a third-party tool, such as Orca database editor, and the Windows Installer properties (see *Windows Installer properties and parameters* on page 23).

Chapter 3
Deploying the software

You can deploy installation packages using the command line interface.

OR

You can deploy installation packages using third-party imaging or remote management software.

> **i NOTE**
>
> You might need to manually activate the software after you deploy it.

Using the command line interface

Using the command line interface, you can deploy installation packages in many ways, including running commands from the Command Prompt window and including commands in batch script files.

■ To install SMART Meeting Pro software

Run the following command if you created an MST file to customize the installation package:

```
msiexec /i "[Path]\SMART Meeting Pro.msi" TRANSFORMS="[MST file]"
  [Parameter]
```

OR

Run the following command if you didn't create an MST file to customize the installation package:

```
msiexec /i "[Path]\SMART Meeting Pro.msi" [Properties] [Parameter]
```

Where

- *[Path]* is the path to the **SMART Meeting Pro.msi** file and MST file.

- *[MST file]* is the name of the MST file.

- *[Properties]* is a set of properties you can include to customize the installation (see *SMART Meeting Pro installation package* on page 23).

- *[Parameter]* is the installation parameter (see *Parameters* on page 27).

To install SMART Product Drivers

Run the following command if you created an MST file to customize the installation package:

```
msiexec /i "[Path]\SMART Product Drivers Installer.msi"
  TRANSFORMS="[MST file]" [Parameter]
```

OR

Run the following command if you didn't create an MST file to customize the installation package:

```
msiexec /i "[Path]\SMART Product Drivers Installer.msi" [Properties]
  [Parameter]
```

Where

- *[Path]* is the path to the **SMART Product Drivers Installer.msi** file and MST file.

- *[MST file]* is the name of the MST file.

- *[Properties]* is a set of properties you can include to customize the installation (see *SMART Product Drivers installation package* on page 25).

- *[Parameter]* is the installation parameter (see *Parameters* on page 27).

Using third-party imaging or remote management software

The following procedure shows how to deploy SMART software using Group Policy-based deployment software. For information on deploying SMART software using your organization's third-party imaging or remote management software, see the software's documentation.

> **i**   **N O T E**
>
> This procedure may vary depending on your version of Windows operating system and your system preferences.

■ **To deploy an installation package**

1. Copy the MSI file and the MST file to *[Domain Controller]***NETLOGON**, where *[Domain Controller]* is your domain controller.

2. Open Control Panel, double-click **Administrative Tools**, and then double-click **Active Directory Users and Computers**.

   The *Active Directory Users and Computers* window appears.

3. Right-click your domain, and then select **Properties**.

   The *Properties* dialog box appears.

4. Click the **Group Policy** tab, and then click **Edit**.

   The *Group Policy Object Editor* dialog box appears.

5. Browse to and open **Computer Configuration\Software Settings**.

6. Right-click **Software Installation**, select **New > Package**, and then browse to and select the MSI file from step 1.

7. In the *Deploy Software* section, click **Advanced**, and then click **OK**.

8. Click the **Modifications** tab, click **Add**, and then browse to and select the MST file from step 1.

9. Click **OK** to apply the MST file to the MSI file.

10. Close all open windows and dialog boxes.

    The next time each computer on the domain starts, the computer automatically installs the software in Silent mode with the customizations defined in the MST file.

Activating the software after installation

There are two situations in which the software doesn't activate completely:

- **Imaging a computer:** For the software to activate properly, each computer you install it on must have a unique installation ID. If you use a computer image or clone a hard drive to set up multiple computers, they all have the same installation ID as the original computer, which can cause an activation error.

- **Protecting software for computer configurations:** If you use system recovery or protection software, you should activate the software before you lock or freeze the computer for your users. However, if you can't, you must activate the software afterward.

Run the activation wizard while connected to the network or complete the following procedure to activate the software on each computer.

To activate SMART Meeting Pro software after installation

Run the following command:

```
"C:\Program Files\Common Files\SMART Technologies\SMART Product
 Update\activationwizard.exe" --puid smart_meeting --m=[Value] --v=1 -
 -a [Optional flags] --pk [Product key]
```

Where

- *[Value]* is 4 to run the activation wizard in unattended mode.

  OR

  [Value] is 6 to run the activation wizard in user interface mode.

- *[Optional flags]* are optional flags you can include to configure the activation wizard.

Flag	Purpose
--monitor=[Number]	Specify the monitor to display the activation wizard.
--proxy=[Host:Port]	Specify the proxy host and port number to use for activation.
--proxyuser=[User]	Specify the proxy user name to use for activation.
--proxypassword=[Password]	Specify the proxy password to use for activation.
--locale=[Code]	Display the activation wizard user interface in a specific language, where *[Code]* is your language code.

- *[Product key]* is the software product key.

Chapter 4
Removing the software

You can remove SMART software using the command line interface.

OR

You can remove SMART software using third-party imaging or remote management software.

Using the command line interface

Using the command line interface, you can remove SMART software in many ways, including running commands from the Command Prompt window and including commands in batch script files.

> ☞ **IMPORTANT**
>
> Only remove the common platform after removing all other SMART software.

■ **To remove SMART Meeting Pro software**

Run the following command:

```
msiexec /x "[Path]\SMART Meeting Pro.msi" [Parameter]
```

Where

- *[Path]* is the path to the **SMART Meeting Pro.msi** file.

- *[Parameter]* is the installation parameter (see *Parameters* on page 27).

OR

Run the following command to remove the software using the product code:

```
msiexec /x [Product code] [Parameter]
```

Where

- *[Product code]* is the product code for the version of SMART Meeting Pro software you're removing, including the braces ("{" and "}").

Version	Product code
2.0	{7978629F-3D5B-4447-A8CB-D41C92AD4E5E}
2.1	{CEE358FC-76AD-4DE9-9B7D-FBD016398D0D}
2.1 SP1	{8E3B7C75-72B4-4B70-85E4-BB44DF0CDA59}
2.2	{6DBB973F-67B2-473F-B8C6-F283810F4517}
2.3	{851B2BEB-0721-40D4-895C-FB65FAA6DBF9}

- *[Parameter]* is the installation parameter (see *Parameters* on page 27).

To remove SMART Product Drivers

If you installed SMART Product Drivers using the **SMART Product Drivers Installer.msi** file, run the following command to remove the software using the installation package:

```
msiexec /x "[Path]\SMART Product Drivers Installer.msi" [Parameter]
```

Where

- *[Path]* is the path to the **SMART Product Drivers Installer.msi** file.

- *[Parameter]* is the installation parameter (see *Parameters* on page 27).

OR

Run the following command to remove the software using the product code:

```
msiexec /x [Product code] [Parameter]
```

Where

- *[Product code]* is the product code for the version of SMART Product Drivers you're removing, including the braces ("{" and "}").

Version	Product code
10.0.124.0	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.131.0	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.163.1	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.165.1	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}

Version	Product code
10.0.186.2	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.188.3	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.232.4	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.255.5	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.314.5	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.392.6	{00C68967-9790-40DA-86F7-FDB248A5CDB1}
10.0.528.7	{AA9C1126-50DD-4993-9CDC-0BED8167293C}
10.0.532.7	{984EAE92-6043-451A-B786-9327FF165310}
10.6.48.0	{2623A1E3-478A-4F4A-A522-3A3D784A0C9C}
10.6.106.1	{487F1117-8BDE-4518-A798-015172AE0410}
10.6.175.2	{333B0B76-FC96-4C51-9AF6-B6EFA15ACE99}
10.7.81.0	{1355416A-967D-47C5-823D-D493C3E0B97C}
10.7 SP1	{4CE6C6E8-0DAD-4757-86ED-7FB4035BA98B}
10.8	{67E6410C-1E97-4D03-BEC2-8E83323A6BBD}

- *[Parameter]* is the installation parameter (see *Parameters* on page 27).

To remove the common platform

If you installed the common platform using the **SMART Product Drivers Installer.msi** file, run the
following command to remove the software using the installation package:

```
msiexec /x "[Path]\SMART Product Drivers Installer.msi" [Parameter]
```

Where

- *[Path]* is the path to the **SMART Product Drivers Installer.msi** file.

- *[Parameter]* is the installation parameter (see *Parameters* on page 27).

OR

Run the following command to remove the common platform using the product code:

```
msiexec /x {0E5DD7A3-BE29-430C-970B-C553F4A58C39} [Parameter]
```

Where *[Parameter]* is the installation parameter (see *Parameters* on page 27).

To remove SMART Product Drivers and the common platform

Run the following command:

```
msiexec /x "[Path]\SMART Product Drivers Installer.msi" [Parameter]
```

Where

- *[Path]* is the path to the **SMART Product Drivers Installer.msi** file.

- *[Parameter]* is the installation parameter (see *Parameters* on page 27).

Using third-party imaging or remote management software

The following procedure shows how to remove SMART software using Windows operating systems'
Group Policy-based deployment software. For information on removing software using your
organization's third-party imaging or remote management software, see the software's
documentation.

> **i   NOTE**
>
> This procedure may vary depending on your version of Windows operating system and your system
> preferences.

To remove a deployed installation package

1. Open Control Panel, double-click **Administrative Tools**, and then double-click **Active
   Directory Users and Computers**.

   The *Active Directory Users and Computers* window appears.

2. Right-click your domain, and then select **Properties**.

   The *Properties* dialog box appears.

3. Click the **Group Policy** tab, and then click **Edit**.

   The *Group Policy Object Editor* dialog box appears.

4. Browse to and open **Computer Configuration\Software Settings\
   Software Installation**.

5. Right-click the software you want to remove, and then select **All Tasks > Remove**.

6. Select **Immediately uninstall the software from users and computers**, and then click **OK**.

   The next time each computer on the domain starts, the computer automatically removes the software.

Appendix A

Windows Installer properties and parameters

Properties

SMART Meeting Pro installation package

The following are properties for the SMART Meeting Pro installation package:

Property	Allowed values	Notes
General properties		
INSTALLDIR	[String]: The path to your preferred folder for SMART Meeting Pro software.	If you don't specify a folder, Windows Installer installs SMART Meeting Pro software in *[Program files]***SMART Technologies\SMART Meeting Pro**.
ISX_ SERIALNUM	[String]: The 22-character product key you received from SMART.	This property automatically populates the *Product Key* box in the activation wizard if you choose not to include the ACTIVATE_LICENSE property.
ACTIVATE_ LICENSE	1 (default): Register the product key and automatically activate the software. [Empty string]: Register the product key but don't automatically activate the software.	You must include the ISX_SERIALNUM property for this property to work. For mass activation information, see *Activating the software after installation* on page 16.

Property	Allowed values	Notes
TRANSFORMS	[String]: A language MST file for the installation (see *Installation language files and codes* on page 29).	Ensure the specified MST file is in the same folder as the MSI file. This property defines the language of the installer's user interface and the installed software's icons and shortcuts. It doesn't define the installed software's user interface language. The installed software uses the computer's operating system language if it's supported, or English (U.S.) if not. You can also use the TRANSFORMS property to apply an MST file created by SMART Install Manager (see page 5) or a third-party tool.
SMART Meeting Pro software properties		
EMAIL_ ADDRESS	[String]: An e-mail address for the SMART Meeting Pro software installation.	Users can e-mail Whiteboard files to themselves or to other users in SMART Meeting Pro software. When they do so, the software uses this e-mail address in the *From* field.
EMAIL_SERVER	[String]: An e-mail server for the SMART Meeting Pro software installation (for example, **mail.example.com**).	Users can e-mail Whiteboard files to themselves or to other users in SMART Meeting Pro software. When they do so, the software uses this e-mail server to send the file.
USE_SYSTEM_ EMAIL	1 (default): Use the computer's default e-mail client to send e-mail messages. 0: Don't use the computer's default e-mail client to send e-mail messages.	
USE_ CALLIGRAPHIC_ INK	1 (default): Use calligraphic ink, which smoothes your writing strokes and improves the readability of your notes. 0: Use regular ink.	
CREATE_ DESKTOPICONS	1 (default): Include a shortcut to the software on the desktop. [Empty string]: Don't include a shortcut to the software on the desktop.	

Property	Allowed values	Notes
CREATE_ STARTUPICON	1 (default): Start SMART Meeting Pro software when the user logs on. [Empty string]: Don't start SMART Meeting Pro software when the user logs on.	
CUSTOMER_ LOGGING	0: Disable the Customer Experience Program. 1 (default): Allow the user to enable or disable the Customer Experience Program. 2: Enable the Customer Experience Program. 3: Disable the Customer Experience Program and don't allow the user to enable it.	

SMART Product Drivers installation package

The following are properties for the SMART Product Drivers installation package:

Property	Allowed values	Notes
General properties		
INSTALLDIR	[String]: The path to your preferred folder for SMART Product Drivers.	If you don't specify a folder, Windows Installer installs SMART Product Drivers in ***[Program files]*\SMART Technologies\SMART Product Drivers**.
TRANSFORMS	[String]: A language MST file for the installation (see *Installation language files and codes* on page 29).	Ensure the specified MST file is in the same folder as the MSI file. This property defines the language of the installer's user interface and the installed software's icons and shortcuts. It doesn't define the installed software's user interface language. The installed software uses the computer's operating system language if it's supported, or English (U.S.) if not. You can also use the TRANSFORMS property to apply an MST file created by SMART Install Manager (see page 5) or a third-party tool.

Property	Allowed values	Notes
SPU properties		
INSTALL_SPU	1 (default): Install SPU. 0: Don't install SPU.	
SPU_TIME_ FRAME	[Integer]: The time in days (1 to 60) between SPU checks.	By default, SPU checks for product updates every 30 days. This property is applicable only if you install SPU.
PRODUCT_ NOTIFICATION	1 (default): Notify the user when updates are available from SPU. 0: Don't notify the user when updates are available from SPU.	This property is applicable only if you install SPU.
SMART Product Drivers properties		
INSTALL_ DOCCAM_ DRIVERS	1 (default): Enable the registration of SMART Document Camera drivers. 0: Disable the registration of SMART Document Camera drivers.	Disable the registration of SMART Document Camera drivers if they conflict with existing third-party drivers on the computer.
LOSU_ BRDTOOLS	1 (default): Start SMART Product Drivers after the installation. [Empty string]: Don't start SMART Product Drivers after the installation.	
ENABLE_ STPCS	1 (default): Use Tablet PC functionality with the SMART Board interactive whiteboard without connecting a Tablet PC. [Empty string]: Don't use Tablet PC functionality with the SMART Board interactive whiteboard without connecting a Tablet PC.	This property is applicable to Windows 7 operating system only. It has no effect on other operating systems. If you specify [Null], users don't have touch support at the Windows logon screen.
START_ SNMP_SERVICE	1: Enable SMART SNMP Agent, allowing you to remotely monitor and control your SMART products and projectors from a central location. [Empty string] (default): Disable SMART SNMP Agent.	

Property	Allowed values	Notes
INSTALL_ UNSIGNED_ DRIVERS	1: Enable the registration of unsigned third-party drivers. 0 (default): Disable the registration of unsigned third-party drivers.	If you enable the registration of unsigned third-party drivers, the installation process could ask users if they trust the makers of the drivers during installation. This can cause issues if you deploy the installation in Silent mode. Therefore, it's best to disable the registration of third-party drivers if you deploy the installation in Silent mode.

Parameters

The following are the standard Windows Installer parameters for the msiexec command.

Parameter	Use
/q	Hide the installation wizard. **ℹ NOTE** This is Silent mode.
/qb	Show a basic installation wizard.
/qb!	Show a basic installation wizard without a **Cancel** button.
/qb+	Show a basic installation wizard with a dialog box signaling the end of the installation.
/qb+!	Show a basic installation wizard without a **Cancel** button but with a dialog box signaling the end of the installation.
/qr	Show a reduced installation wizard.
/qf	Show the full installation wizard, including a dialog box signaling the end of the installation or the *Fatal Error*, *User Exit* or *Exit* dialog box.
/qn	Hide the installation wizard and the dialog box signaling the end of the installation.
/qn+	Hide the installation wizard but show the dialog box signaling the end of the installation.

Appendix B
Installation language files and codes

Language	Code	File
English (U.S.)	1033	**1033.mst**
English (UK)	2057	**2057.mst**
Chinese (Simplified)	2052	**2052.mst**
Czech	1029	**1029.mst**
Danish	1030	**1030.mst**
Dutch	1043	**1043.mst**
French (France)	1036	**1036.mst**
German	1031	**1031.mst**
Italian	1040	**1040.mst**
Japanese	1041	**1041.mst**
Norwegian	1044	**1044.mst**
Portuguese (Portugal)	2070	**2070.mst**
Portuguese (Brazil)	1046	**1046.mst**
Russian	1049	**1049.mst**
Spanish (Spain)	1034	**1034.mst**
Spanish (Mexico)	2058	**2058.mst**
Swedish	1053	**1053.mst**
Turkish	1055	**1055.mst**

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