



Network Installation Guide

for Nuance Power PDF Advanced



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1 Introduction

This document covers the main installation scenarios for the Nuance Power PDF Advanced product. The Administrative setup related topics contain necessary information for special deployment systems such as Active Directory, Microsoft Systems Management Server and System Center Configuration Manager 2007.

The document describes all parameters and installer options that you may want to use during product setup.

For system requirements of the product, see its corresponding documentation (Release Notes located in the ReadMe folder of the CD). Note that performance and speed will be enhanced if your computer's processor, memory, and available disk space exceed minimum requirements.

1.1 Product definition

Nuance Power PDF Advanced combines the power of PDF creation, the flexibility of PDF editing, and the versatility of PDF conversion into one easy-to-use, affordable application. It provides all the critical business features you need without the cumbersome and costly print and pre-press functionality found in more expensive solutions.

The Advanced version of the product is designed to be deployed and used in a distributed environment. Furthermore it provides additional features compared to its Standard version:

- Software activation turned off
- Electronic product registration turned off
- Automatic product updates turned off
- Silent installation
- Distributable PDF creation parameters
- Distributable PDF product settings
- Efficient Redaction tool to filter out sensitive PDF content.
- Bates numbering tool for uniquely identifying each page in sets of legal documents. Support of different document management systems. (for more information, see the product release notes)



1.2 CD Layout

The delivered CD contains all mandatory components for installation of the product.

The application has 32- and 64-bit versions. Most of the product components are 32-bit binaries independently from the version of the target operating system. The delivered PDF printer driver and some other components vary depending on the selected system. The CD contains both versions of the product in the System32 and System64 folders. The msi files for the corresponding product versions are

- .\System32\Nuance Power PDF Advanced.msi
- .\System64\Nuance Power PDF Advanced.msi

Both folders contain _setup.exe. Always use the appropriate version of the .msi files or _setup.exe according to the operating system you are targeting.

The supported installation languages and the associated transform files are indicated in the following table. Only one can be used at a time.

* *Not available for beta version.*

Language	Transform file	Language	Transform file
Chinese (Traditional)*	1028.mst	Italian*	1040.mst
Chinese (Simplified)*	2052.mst	Japanese*	1041.mst
Czech*	1029.mst	Korean*	1042.mst
Danish*	1030.mst	Norwegian*	1044.mst
Dutch*	1043.mst	Polish*	1045.mst
English	1033.mst	Portuguese (Brazil)*	1046.mst
Finnish*	1035.mst	Russian*	1049.mst
French*	1036.mst	Spanish*	1034.mst
German*	1031.mst	Swedish*	1053.mst
Hungarian*	1038.mst	Turkish*	1055.mst

Language specific transform files



2 Installation Prerequisites

The product requires the 'Windows Installer v3.1', 'Microsoft XML Core Services 6.0 SP1' packages to be installed on the client computers.

To save DOCX, XLSX and PPTX files (for Microsoft Office Word, Excel and PowerPoint) you should have or install the Microsoft .NET 4.0 Framework. For more detailed information about this, please read the System Requirements section of the product Release Notes.

If you are going to perform the standard installation procedure via Setup.exe – located in the root folder of the CD – then Setup.exe installs these software packages automatically before launching the product installer. A reboot may be required after installation of components. The installation of the product continues automatically after reboot when you have logged in again; you are not required to launch Setup.exe again manually.

The Redistributable packages are located in the Prerequisite folder on the CD:

- .\Prerequisite\msxml6_x86.msi
- .\Prerequisite\dotNetFx40_Full_x86_x64.exe

Active Directory Rights Management Service

To work with RMS protected documents Active Directory Rights Management Service Client 2.1 must be installed. This client can be downloaded from Microsoft.com:

<http://www.microsoft.com/en-us/download/details.aspx?id=38396>

The client installer both for 32-bit and 64-bit environments can also be found on the CD:

- .\Tools\AD_RMS_Client_2.1\setup_msipc_x86.exe
- .\Tools\AD_RMS_Client_2.1\setup_msipc_x64.exe



3 Installation in Distributed Environments

In a corporate environment, system administrators may use a two-step procedure for software deployment:

1. [Customization with Nuance Customization Kit](#)
The Customization Kit is located in the Tools folder on the CD (.\Tools\CustomKit\CustomizationKit.exe). The tool presets certain installation options to configure client installation.
2. [Client installation](#), which installs the product on the client machine according to the options prepared with the Customization Kit.

The following sections describe how system administrators can customize and deploy the product. Please note that the client installation can be replaced with a different deployment.

3.1 Customization with Nuance Customization Kit

This Customization Kit gives System Administrators the ability to customize the installation of Nuance Power PDF Advanced products prior to deploying the applications across their organization.

System requirements: The Customization Kit requires at least Microsoft Windows Installer (MSI) 3.1 and Windows .Net 4.0 to be installed on client computer.

Note: You must use a Customization Kit version that is identical to the product version.

3.1.1 Overview

The Customization Kit helps to create a personalized package of Nuance Power PDF Advanced for organization-wide deployment.

Using this tool you can: choose where to install Power PDF Advanced, pre-define the serial number and make it read only, set feature installation states, set visibility of features on the Custom Setup dialog, configure default application settings, deploy custom files, add hotfixes to the Installation and import predefined application settings.



When you have finished the necessary modifications and published a package with the Customization Kit the tool stores the modified settings in the following way:

- 'Personalization', 'General', 'Microsoft Office Integration', 'Other Integration', 'Connectors', 'Document Processing', 'Languages', 'Signature' and 'Application Options' settings will be stored in the `admin_customSettings.mst` transform file. This transform file will be located beside the .msi package file.
- 'Additional Files', 'Import Application Settings' and 'Add hotfixes to Installation' settings will be stored beside the .msi package file.

Important: The 'Add hotfixes to Installation' setting has effect only if installation is launched by `setup.exe` from the setup root folder.

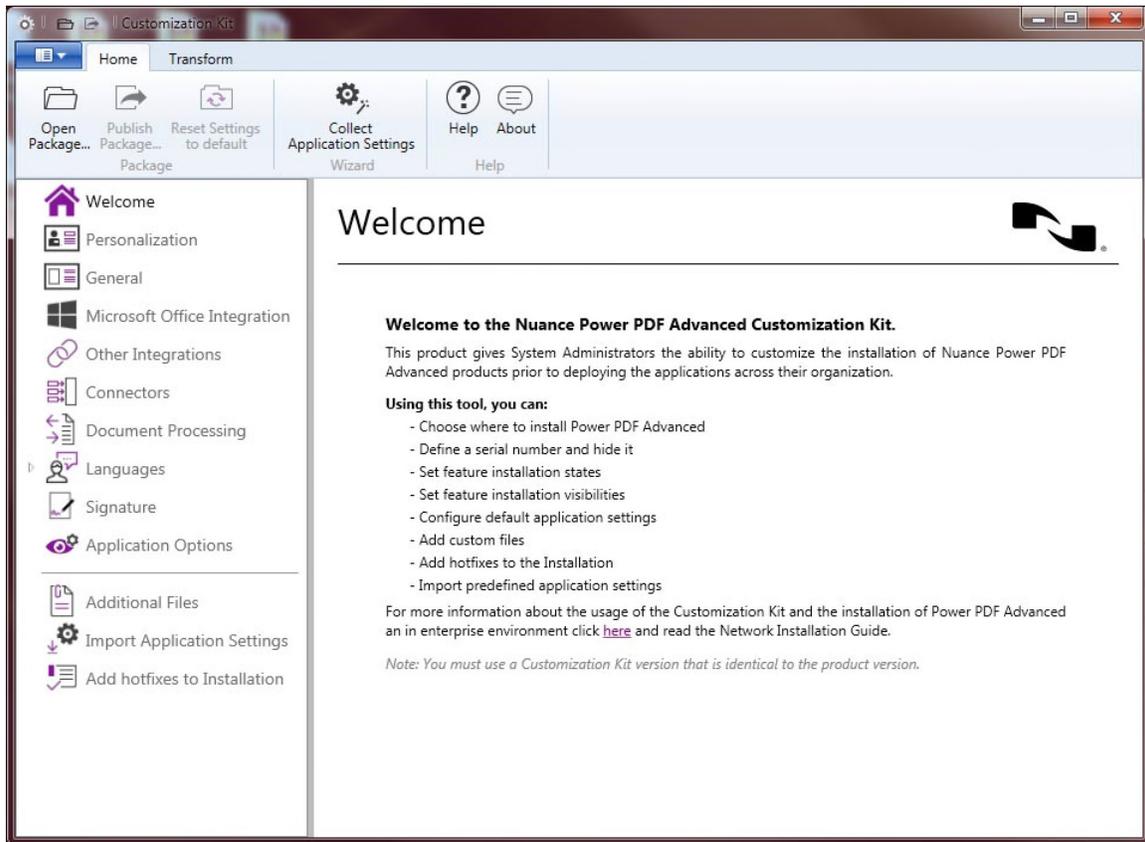
The basic customization workflow is as follows:

1. Launch the Customization Kit
2. Click Open Package in the Home ribbon and select the supplied msi file.
3. Specify parameters for your own package in the different panels.
4. Optionally add hotfixes, additional files or import application settings.
5. Click Publish Package in the Home ribbon to finalize the customized installer for your own deployment.
6. Distribute this customized installer to end-users or use it for a command line installation as described later.

Notes:

A command line installation will install all content except hotfixes. Hotfixes should be installed as an additional step.

*A command line installation must contain all the transform files necessary for your deployment including the `admin_customSettings.mst` file generated by the Customization Kit when you press **Publish Package**. See section 3.2.1*





3.1.2 Getting Started with the Customization Kit

1. Locate the **Tools\CustomKit** folder in your installation media and launch **CustomizationKit.exe**.
2. Choose **Open Package** on the **Home** tab (in the Package group), then browse to an **.msi** file (e.g. Nuance PDF Advanced.msi) and open it. At this stage you are free to pick either a 32-bit or a 64-bit package.

3.1.3 Customizing the installer

The first group of options includes **Personalization**, **General**, **Microsoft Office Integration**, **Other Integration**, **Connectors**, **Document Processing**, **Languages**, **Signature and Application Options**.

Customizations from this group are saved into a transform (mst) file.

If you want this mst file only click **Generate Transform** in the Transform ribbon and name your file.

If you want this mst file with the predefined name (admin_customSettings.mst) plus the whole installer file set click the **Publish Package** button in the Home ribbon

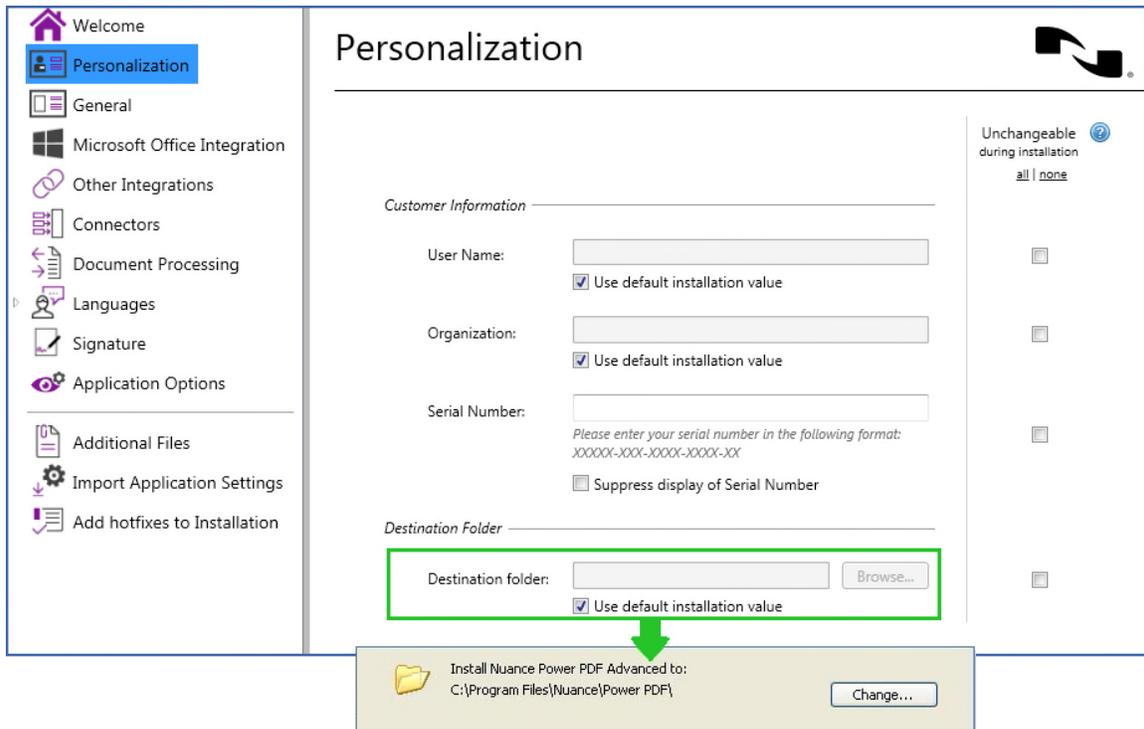


1. Click **Personalization**.
2. This panel lets you specify basic customer information (such as User Name, etc).
3. Optionally mark the **Suppress display of Serial Number** checkbox to hide this screen from your installation flow.



This illustration shows how your settings are reflected in your published installation package

4. **Destination folder:** you can choose the default installation value or **Browse** to select a different location.



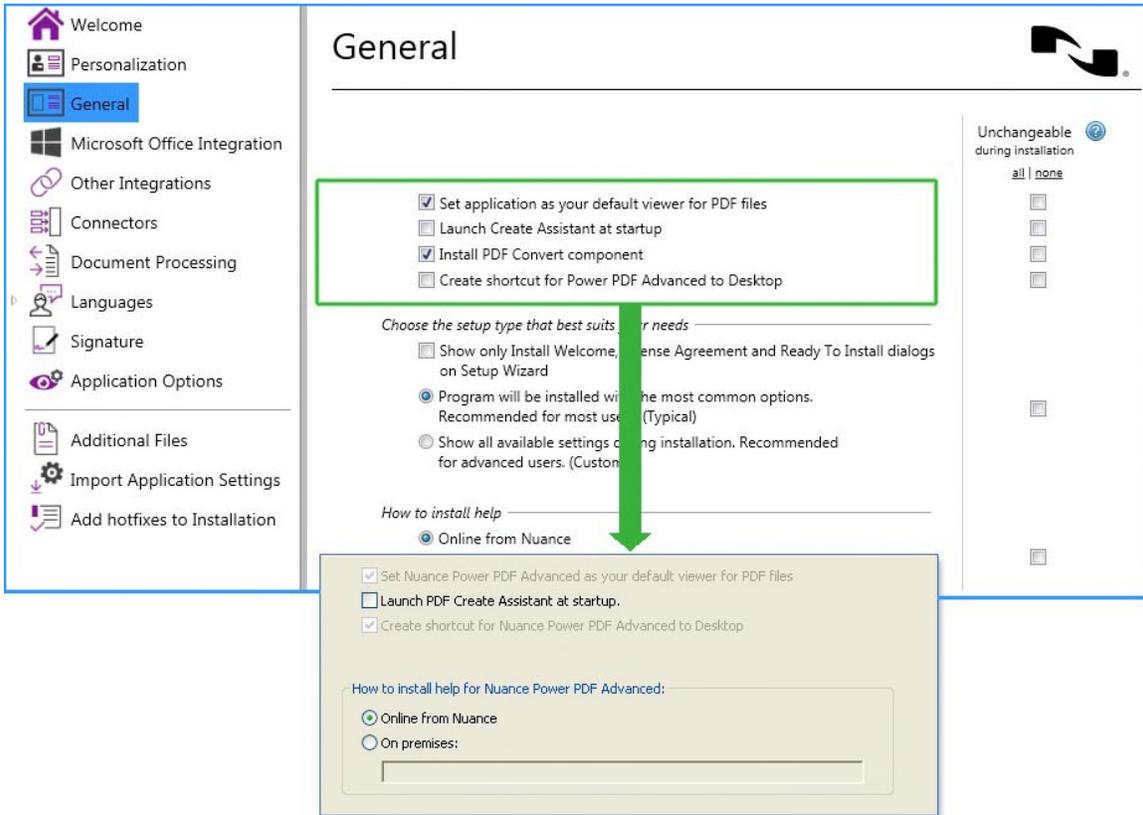
This example shows usage of the default destination folder

5. You can choose to prevent end-users from modifying each one of the above options. Select all/none or any one of them and mark the ones you want to lock.

The next group of options lets you set a variety of generic parameters.

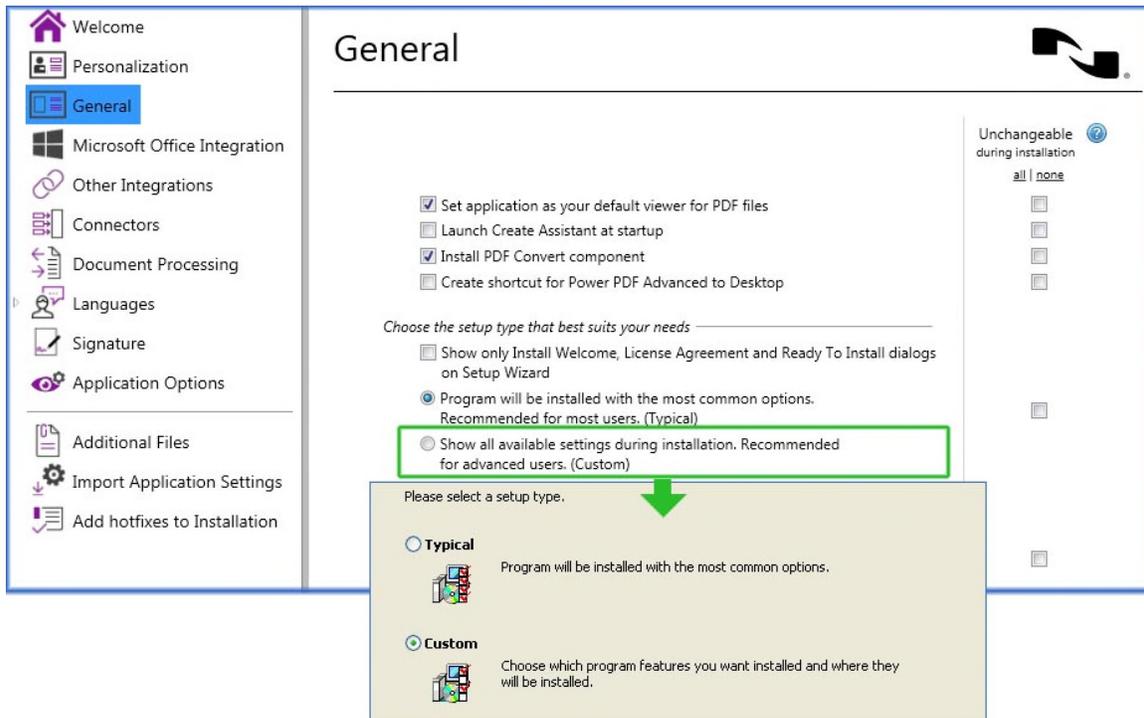


1. Click **General**.
2. This panel lets you specify general settings for working with .pdf files, related programs and applications (Power PDF Advanced, PDF Convert and Create Assistant). Mark the desired settings. For instance:



General settings for working with .pdf files, related programs and applications

3. You can choose the setup type that best suits your needs. Mark the first option if you want to display only the Install Welcome, License Agreement and Ready to Install dialogs or use the radio buttons below to choose Typical or Custom installation.



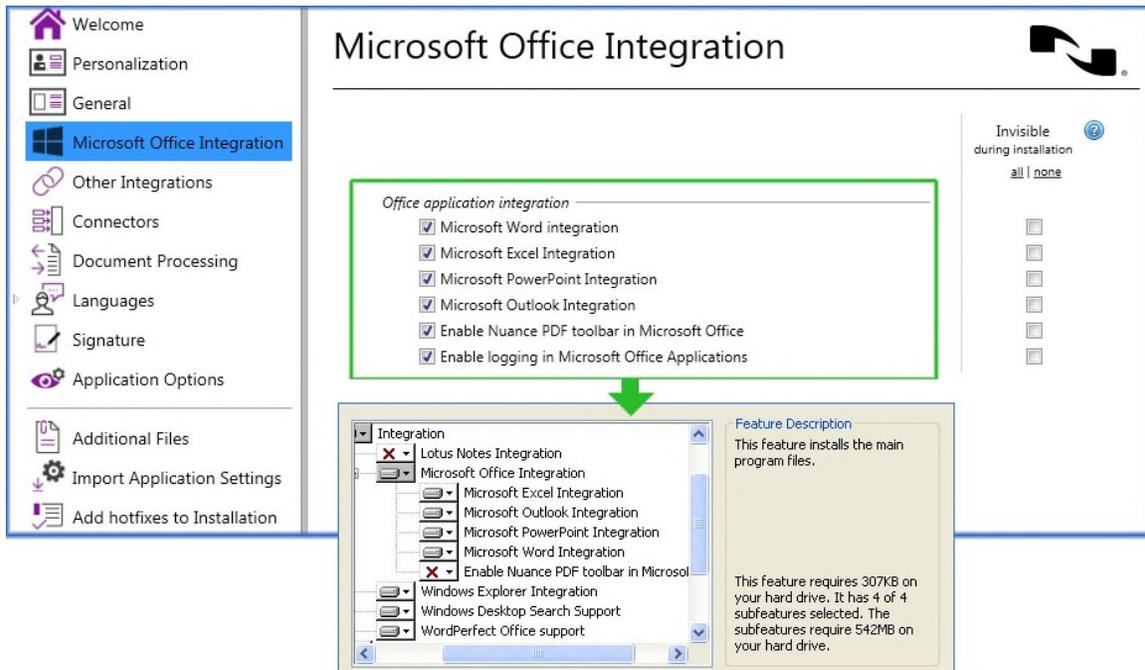
This picture shows the Custom option, changeable by the end-user

4. Choose a help installation type. Click the radio button for online help from Nuance or set on premises. Choose the **On premises** option if the installation target workstations have no live internet connection to the Nuance website.
5. You can choose to prevent end-users from modifying each one of the above options. Select all/none or any one of them and mark the ones you want to lock.

Below this group, you can set Microsoft Office Integration parameters.



1. Click **Microsoft Office Integration**.
2. Select Microsoft Office applications in which you want Power PDF integration. This includes PDF conversion and creation capabilities. In Microsoft Outlook the offering also includes e-mail archiving to PDF.
3. **Enable Nuance PDF toolbar in Microsoft Office**: turn this setting on to show the Nuance PDF toolbar in Office applications.
4. **Enable logging in Microsoft Office Applications**: Turning this setting on helps application troubleshooting without causing performance degradation.
5. You can choose to show each one of the above options to end-users. Select all/none or any one of them and mark the ones you want to hide.

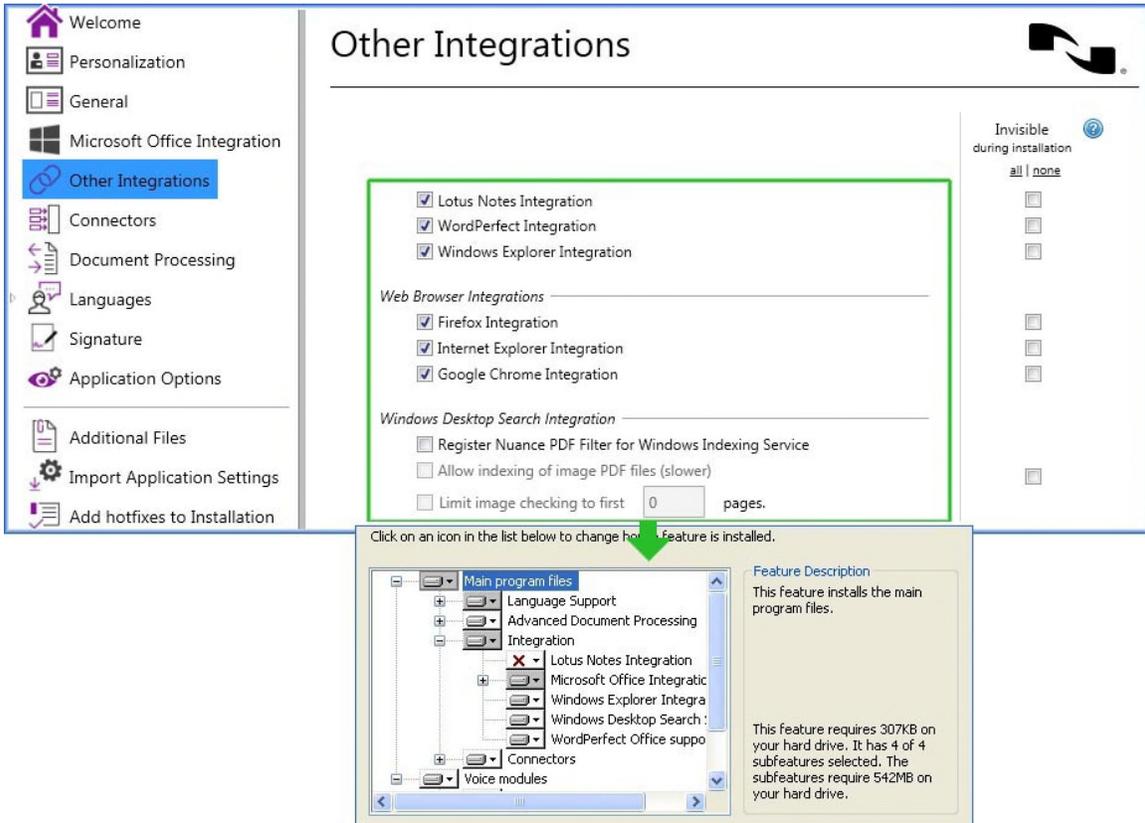


This example shows full integration (without the Nuance PDF toolbar in Office) giving end-users control over every choice but logging

The Other Integrations group offers similar options for non-Office applications.



1. Click **Other Integrations**.
2. Select the desired integrations in programs and browsers. In Lotus Notes, PDF functionality is available from the Actions menu of a mailbox and a message. Access in browsers depends on the selected application. **Windows Desktop Search Integration** offers multiple choices. Indexing image-only PDF files is a performance-sensitive choice.
3. For each one of the above integrations, you can specify whether you want to enable end-users to see them. Select all/none or any one of them and mark the ones you want to be invisible.



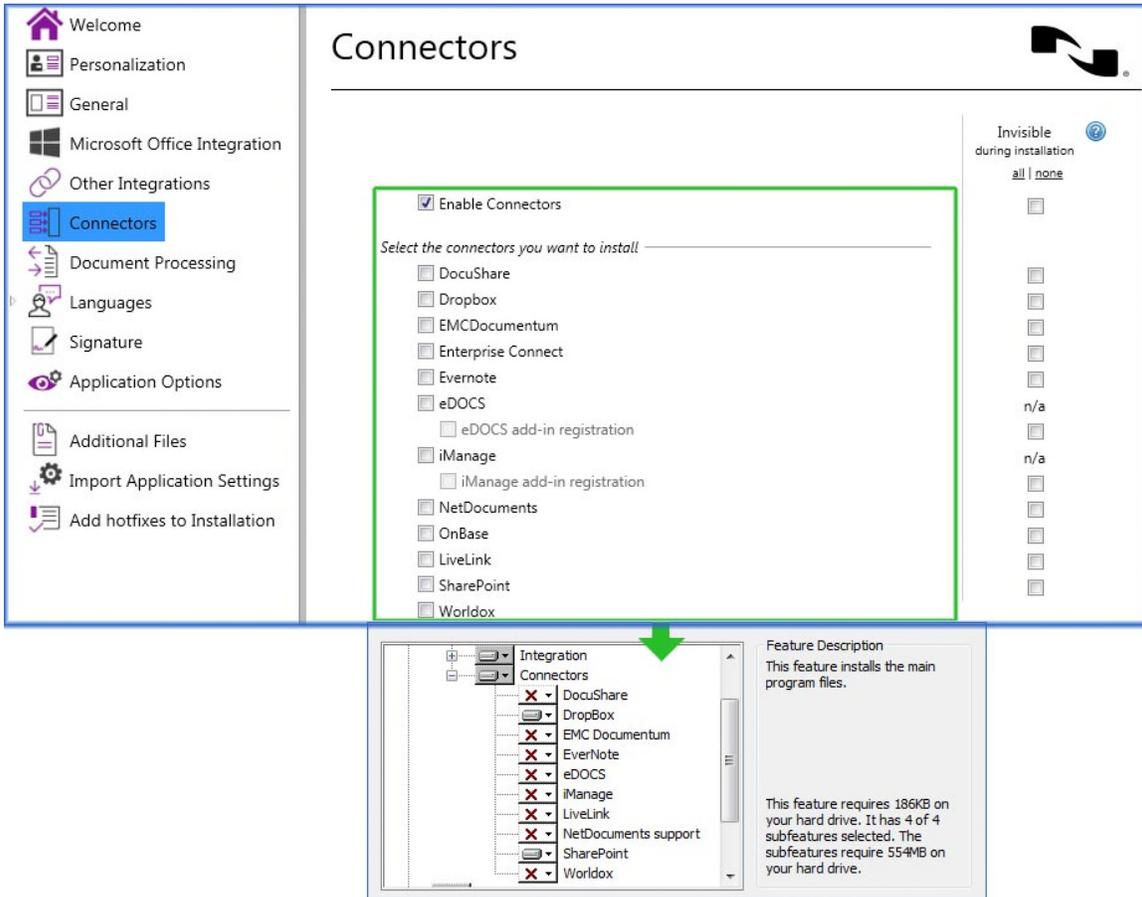
The Other Integrations group offers options for non-Office applications

The Connectors group lets you include cloud and DMS integration in your customized install package.



Click **Connectors**. The list of available connectors is displayed.

1. Mark **Enable Connectors** so that you can make your selections in the list
2. Enable or disable each Connector by marking the checkboxes one by one.
3. For each one of the above integrations, you can specify whether you want to enable end-users to see them. Select all/none or any one of them and mark the ones you want to be invisible.



The Connectors group lets you include cloud and DMS integration

Setting Document Processing parameters lets you filter the feature set of the Power PDF application.



Click **Document Processing**.

1. Choose **Reader mode** to create a package with a predefined set of functionality.
2. When Reader mode is off, you can select each desired item of functionality one by one.
3. For each one of the above application features, you can specify whether you want to enable end-users to see them. Select all/none or any one of them and mark the ones you want to be invisible. The options **Reader mode** and **Advanced Edit mode** are general parameters, therefore their "visibility" is basically the set of options offered by your installer.



An example for Document Processing choices

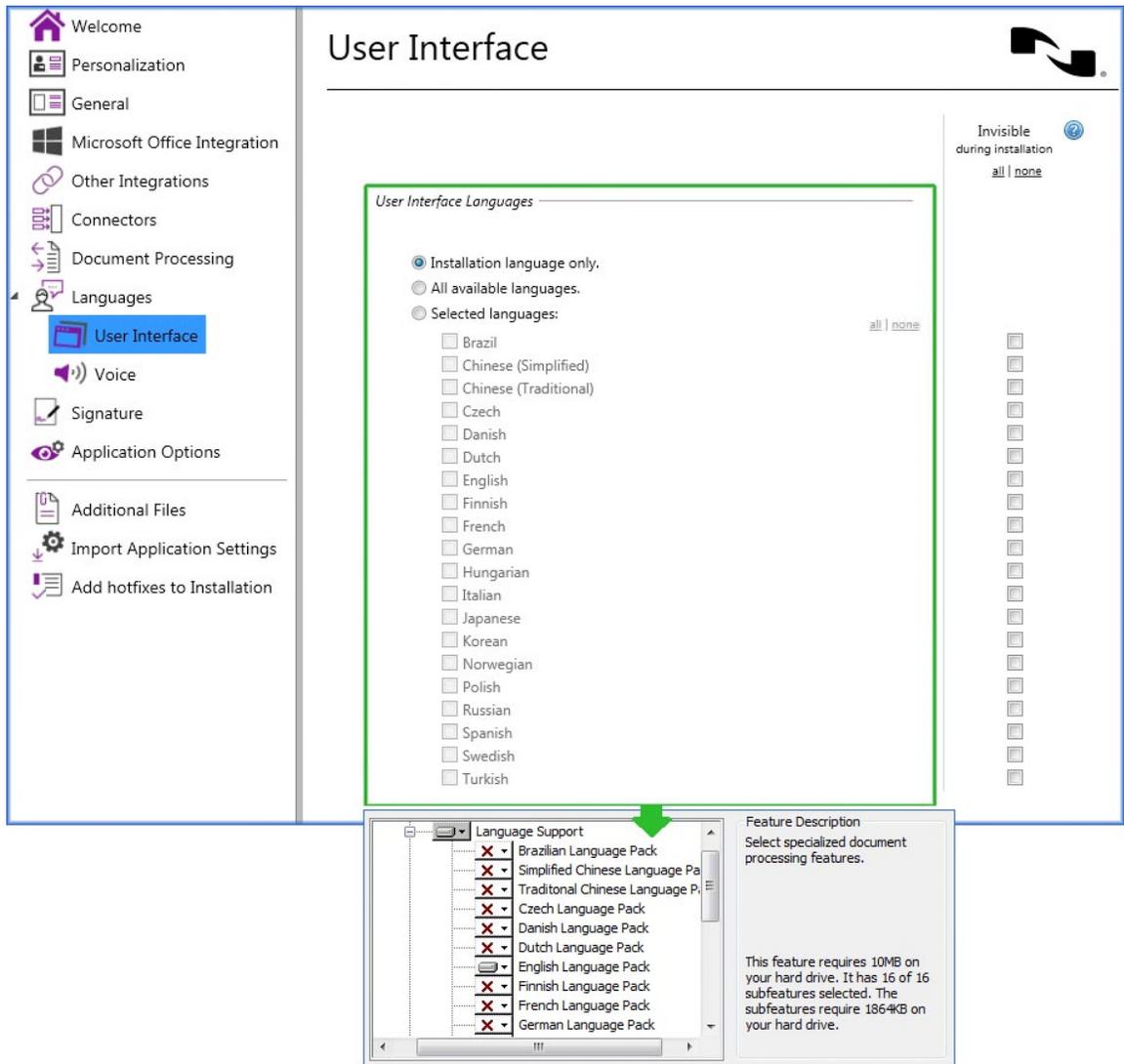
The Languages group lets you customize the transform file (.mst) to give you control over Language parameters.



1. Click **Languages\User Interface**.
 - a. Make your choice of **user interface languages**: installation language only, all available languages or the selected languages.
2. Click **Languages\Text-To-Speech**.



- a. This is enabled by default but you can turn it off. Disable this if installation package size is a concern.
 - b. If you choose to include this in your installation, choose between having the installation language only, all available languages or the selected languages.
3. For each one of the above language setup choices, you can specify whether you want to display them to end-users. Select all/none or any one of them and mark the ones you want to be invisible.



This example shows only the installation language selected for the user interface

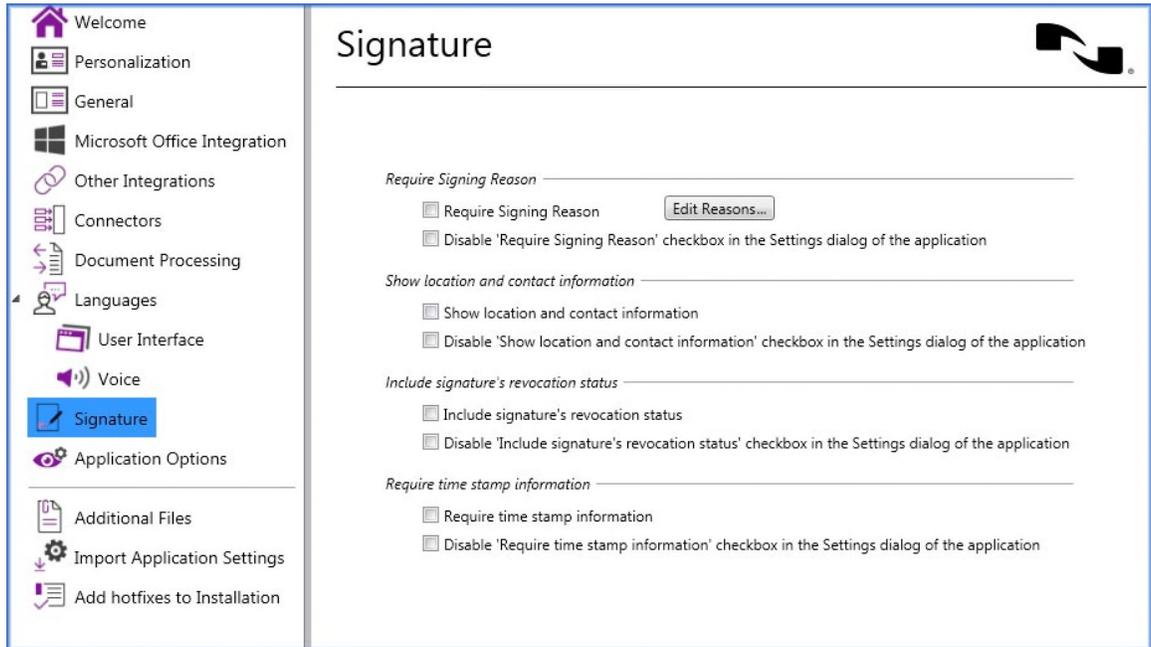
Next are the Signature options.



1. Click **Signature**.
2. Use the options to enable or disable the following:



- Requiring a reason for each signature, along with facilities to edit the text
- Displaying fields for location and contact information
- Allowing signatures to be revoked and shown as such
- Requiring time stamp verification of signatures.

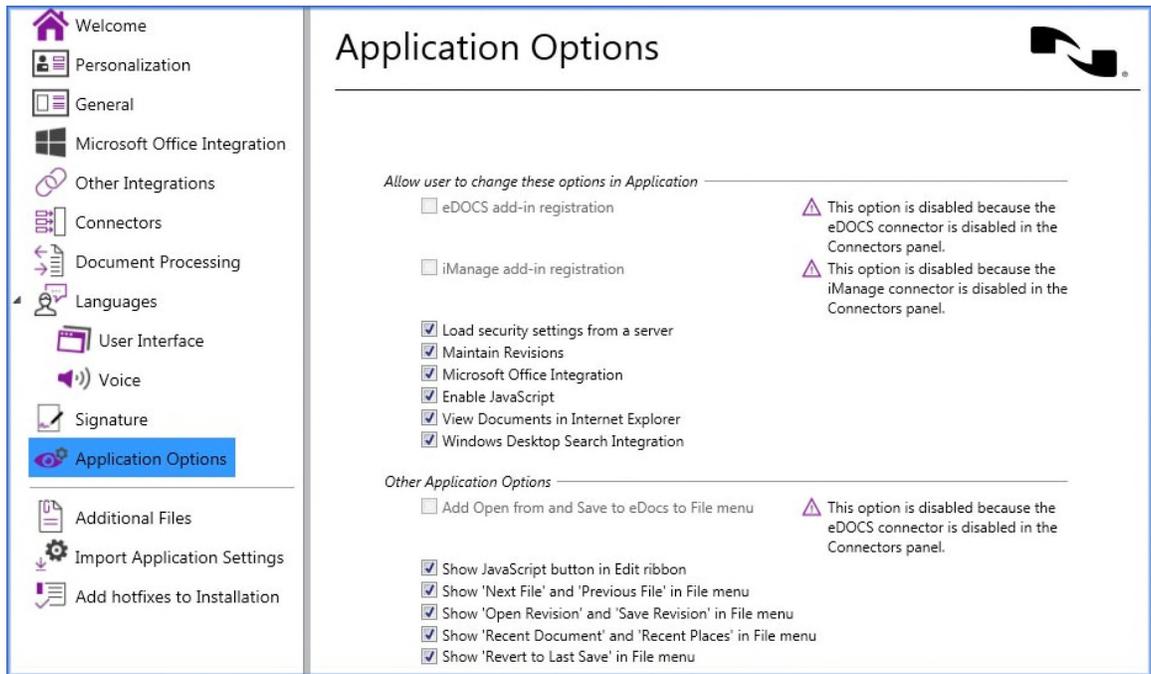


An example for Signature choices

The Application Options panel lets you choose which of the listed options should be displayed to the end-user.



1. Click **Application Options**.
2. Make your choice.



An example for Application Options choices



3.1.4 Optional: Finalizing the transform file

Now that you have set all desired parameters, you can optionally create a transform file (.mst) for your installer. To do this:

1. Go to the **Transform** tab.
2. Click **Generate Transform...** This option gives you the opportunity to create a transform file (.mst) based on the differences between the open package and the modifications set by yourself.
3. Choose a save location, specify a file name and save your transform file.

To resume work on an already existing transform file, click **Load Transform...**

3.1.5 Adding more components to the package

Finalizing the transform file (above) is optional; also you can include more than a customized transform file in your installation package.



3.1.5.1 Add hotfixes to Installation

The following steps let you add hotfixes and plug-ins. These, too, will become parts of your installation package but are included outside the transform file.



1. Click [Add hotfixes to Installation](#).
2. Use the two lists to add/modify/remove and reorder executables that you want to be launched before and after installation.

Note: These settings take effect only if installation is launched by [setup.exe](#) from the setup root folder.



3.1.5.2 Additional files

Besides hotfixes, you can also add other files (for instance plug-ins) to your customized package.

1. Click [Additional Files](#).
2. You can add/modify/remove and reorder files for your package.



3.1.6 Including existing application settings

To enhance propagating a shared collection of settings across your company, you can poll an already installed and configured Power PDF for settings and include these in your deployment package.

Available choices are determined by your [Import mode](#) selections. Under [Import mode](#) you can:

- Use default product settings
- Use settings from the locally installed product, or
- Browse for shared product settings.

If you want to use shared product settings, before you start import:

1. Go to the [Home](#) tab.
2. Launch the [Collect Application Settings](#) Wizard on the machine that has your product installation to be polled. (Ensure that the entire `\Tools\CustomKit\` folder is available on this workstation.)
3. The wizard only offers to collect the settings that are different from the package you have opened. Make your selections.
4. [Browse](#) to the folder where you want to store the collected settings.
5. Review your settings then launch the collection process.
6. After a successful settings collection, you are ready to [Import Application Settings](#).
7. Choose an [Import mode](#) to verify which choices are available for import. To include your collected settings, select the [Browse for shared product settings](#) option and locate the folder where the collected settings are stored.



Make your selections under [Settings to import](#). The selected options will be stored to the installation package.

Optionally you can

- disable end-users to modify PDF creation settings of PDF Create Assistant and Nuance PDF printer driver.
- enable end-users to use shared watermarks. If you turn off shared watermarks, all users will get their watermark sets via a local, absolute path.
- preserve user interface settings during upgrade. If a user had a previous version of Power PDF installed and changed the User Interface these changes can be kept per user after the upgrade. Such changes are:
 - Quick Acces Toolbar buttons
 - panel positions: whether a panel appears on the left or the right side bar of the application
 - panel visibility: whether the icon of a panel is visible by default on the side bar.

Important: If the Security Profile checkbox is marked under Import Application Settings the application's default Privacy and No Modification Security schemes in the Security panel will not be transferred to the customized installation. If these two schemes are required, please create two new custom schemes that are equivalent to them.

3.1.7 Finishing the installation package

Once you are finished preparing the desired parameters, you are ready to publish your package to your end-users.

1. Go to the [Home](#) tab
2. Click [Publish Package](#).
3. Set a target location. It is recommended to have an empty folder for your published package (the Tool warns you of this).
4. Select which versions to publish: 32-bit and/or 64-bit, and click [OK](#).

Note: To restart constructing your package, click [Reset Settings to Nuance default on the Home tab](#).

To access this Installation Guide, click [Help](#) in the [Home](#) tab. To view product version information, click [About](#).



3.2 Client installation

Nuance Power PDF Advanced supports special deployment systems such as Active Directory, Microsoft System Management Server and System Center Configuration Manager 2007.

The client installation procedure always requires administrative privileges and must run with a per-machine installation context (ALLUSER=1).

3.2.1 Client Installation using command line

1. Launch a console window on the client machine.
2. Install the application with the following command:

```
MsiExec.exe /i "source_path\Nuance Power PDF Advanced.msi"  
INSTALLDIR="install_path" TRANSFORMS="source_path\1036.mst;  
source_path\admin_customSettings.mst"
```

or

If you saved an mst file with **Generate Transform** in the Transform ribbon then:

```
MsiExec.exe /i "source_path\Nuance Power PDF Advanced.msi"  
INSTALLDIR="install_path" TRANSFORMS="source_path\1036.mst;  
source_path\your_saved_transform.mst"
```

or

```
_setup.exe /!1036 /v"INSTALLDIR=\install_path\""
```

Note: If you work in Windows Vista or above it is recommended that you use `setup.exe` or `_setup.exe`, because they elevate the installation process. If you decide to use `Msiexec.exe`, ensure that you open the Console Window with administrative rights.

This will install the product to the folder specified under `install_path`. If you omit the `INSTALLDIR` parameter, the product will be installed into the default installation folder. In the above example, the selected installation language is French (1036.mst). See more in the figure: [Language specific transform files](#).

If you do not specify a language transform file:

- `_setup.exe` prompts for language selection
- `msiexec.exe` installs the product in its default language (English).



Here is an example showing how to install the product with different options. To install Power PDF Advanced with a basic user interface but with no message box on completion, use the following command-line:

```
MsiExec.exe /i "source_path\Nuance Power PDF Advanced.msi"  
INSTALLDIR="install_path" /qb
```

or

```
_setup.exe /s /v" INSTALLDIR="install_path" /qb"
```

Where q defines what type of user interface the installation will use:

- /qn specifies that no user interface will be displayed
- /qb specifies a basic interface with a progress bar

and (if used) the plus sign ('/qb+' or '/qn+') specifies that a message box will be displayed when installation has finished.

During the installation of the application, specific installation options are available. Several InstallShield Wizard pages drive you through the available features. These installer features cover the different integration settings (into MS Office, Windows and Internet Explorer) and the optional components of the product. These features are controllable via [Customization with Nuance Customization Kit](#) and/or command line switches as well.

The list of the features and its command line switches:

- **General switches**

- Set application as your default viewer for PDF files.

On: SSETPRODEFVIEWER ="1"

Example to turn on this setting: MSIEXEC.EXE /i "[full path]\Nuance Power PDF Advanced.msi" SSETPRODEFVIEWER="1"

Off: SSETPRODEFVIEWER =""

Example to turn off this setting: MSIEXEC.EXE /i "[full path]\Nuance Power PDF Advanced.msi" SSETPRODEFVIEWER =""

Note: The feature is enabled by default.

- Launch PDF Create Assistant at startup.

On: SSASSISTANSATSTARTUP ="1"

Off: SSASSISTANSATSTARTUP =""

Note: The feature is disabled by default.



- Install PDF Converter component
 - On: SS CONVSTATE = "1"
 - Off: SS CONVSTATE = ""
 - Note: The feature is enabled by default.*
- Create shortcut for Power PDF Advanced to Desktop
 - On: SS DESKTOPSHORTCUT = "1"
 - Off: SS DESKTOPSHORTCUT = ""
 - Note: The feature is disabled by default.*
- Show only Install Welcome, License Agreement and Ready To Install dialogs on Setup Wizard
 - On: MINIMALUI = "1"
 - Off: MINIMALUI = ""
 - Note: The feature is disabled by default.*
- How to install help
 - Online from Nuance: HELP_MODE = "1 "
 - On premises: HELP_MODE = "2 "
 - The HELP_PATH_SHARED property contains the help path. If HELP_MODE is 2 entering a value for HELP_PATH_SHARED property is mandatory.
 - Note: The state of this feature is 'Online from Nuance' by default.*
- Microsoft Office integration switches
 - Microsoft Word Integration
 - On: WORDADDINALL = "1"
 - Example:*
MSIEXEC.EXE /i "[full path]Nuance Power PDF Advanced.msi"
WORDADDINALL="1"
 - Off: WORDADDINALL = ""
 - Example:*
MSIEXEC.EXE /i "[full path]Nuance Power PDF Advanced.msi"
WORDADDINALL=""
 - Note: The feature is enabled by default.*
 - Microsoft Excel Integration



On: EXCELADDINALL ="1"

Off: EXCELADDINALL =""

Note: The feature is enabled by default.

- Microsoft PowerPoint Integration

On: PPTADDINALL ="1"

Off: PPTADDINALL =""

Note: The feature is enabled by default.

- Microsoft Outlook Integration

On: OUTLOOKADDINALL ="1"

Off: OUTLOOKADDINALL =""

Note: The feature is enabled by default.

- Enable Nuance PDF toolbar in Microsoft Office

On: SHOWOFFICEADDINICON ="1"

Off: SHOWOFFICEADDINICON =""

Note: The feature is enabled by default.

- Enable logging in Microsoft Office Applications

On: OFFICEADDINLOGALL ="1"

Off: OFFICEADDINLOGALL =""

Note: The feature is enabled by default.

Example to turn off all the Microsoft Office integrations:

```
MSIEXEC.EXE /i "[full path]Nuance Power PDF Advanced.msi"  
WORDADDINALL ="" EXCELADDINALL ="" PPTADDINALL =""  
OUTLOOKADDINALL ="" SHOWOFFICEADDINICON =""  
OFFICEADDINLOGALL =""
```

- Other integrations switches

- Lotus Notes Integration

On: LOTUSADDINALL ="1"

Off: LOTUSADDINALL =""

Note: The feature is enabled by default.

- WordPerfect Office support

On: SSWPADDIN ="1"

Off: SSWPADDIN =""



Note: The feature is enabled by default.

- Windows Explorer Integration
On: WINDOWSEXPLORERALL="1"
Off: WINDOWSEXPLORERALL=""

Note: The feature is enabled by default.

- Firefox Integration
On: ISINSTALLFIREFOXADDIN ="1"
Off: ISINSTALLFIREFOXADDIN =""

Note: The feature is enabled by default.

- Internet Explorer Integration
On: IEINTEGRATIONALL ="1"
Off: IEINTEGRATIONALL =""

Note: The feature is enabled by default.

- Google Chrome Integration
On: ISINSTALLCHROMEADDDIN ="1"
Off: ISINSTALLCHROMEADDDIN =""

Note: The feature is enabled by default.

- Windows Desktop Search Integration
On: SSWDSSUPPORT ="1"
Off: SSWDSSUPPORT =""

Note: The feature is disabled by default.

- **Connectors switches**

- Enable Connectors
On: ISINSTALLCONNECTORS ="1"
Off: ISINSTALLCONNECTORS =""

- DocuShare
On: NUCONN_DOCUSHARE="1"
Off: NUCONN_DOCUSHARE =""

- Dropbox
On: NUCONN_DROPBOX ="1"
Off: NUCONN_DROPBOX =""



- EMCDocumentum
On: NUCONN_EMCDOCUMENT ="1"
Off: NUCONN_EMCDOCUMENT =""
- Enterprise Connect
On: NUCONN_ENTERPRISECONNECT ="1"
Off: NUCONN_ENTERPRISECONNECT =""
- Evernote
On: NUCONN_EVERNOTE ="1"
Off: NUCONN_EVERNOTE =""
- eDOCS
On: NUCONN_EDOCS ="1"
Off: NUCONN_EDOCS =""

Important: If eDOCS is turned off then three other properties are turned off to ensure correct application behavior. These properties are: NUCONN_EDOCS_ADDINX, ISENABLEHBADDINOPTIONX and ISOPENSAVEEDOCS.

- eDOCS addin-in registration
On: NUCONN_EDOCS_ADDINX ="1"
Off: NUCONN_EDOCS_ADDINX =""
- iManage
On: NUCONN_IMANAGE ="1"
Off: NUCONN_IMANAGE =""

Important: If iManage is turned off then two other properties are turned off to ensure correct application behavior. These properties are: NUCONN_IMANAGE_ADDINX and ISENABLEIMANADDINOPTIONX.

- iManage addin-in registration
On: NUCONN_IMANAGE_ADDINX ="1"
Off: NUCONN_IMANAGE_ADDINX =""
- NetDocuments
On: NUCONN_NETDOCUMENTS ="1"
Off: NUCONN_NETDOCUMENTS =""
- OnBase
On: NUCONN_ONBASE ="1"



- Off: NUCONN_ONBASE =""
- LiveLink
 - On: NUCONN_LIVELINK ="1"
 - Off: NUCONN_LIVELINK =""
- SharePoint
 - On: NUCONN_SHAREPOINT ="1"
 - Off: NUCONN_SHAREPOINT =""
- Worldox
 - On: NUCONN_WORLDDOX ="1"
 - Off: NUCONN_WORLDDOX =""

Important note for OnBase: Administrators can preset Server URL and Data Source parameters of the connection settings of the OnBase connector on user machines. It is also possible to disallow users to change these settings.

Add ServerURL and DataSource values of REG_SZ type to registry under key. To disallow user to change these add DisableUserServerConfig DWORD value 1.

[HKEY_LOCAL_MACHINE\SOFTWARE\Nuance\PDF\V1\Connectors\OnBaseConnector.Connector] on 32-bit operating system or [HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Nuance\PDF\V1\Connectors\OnBaseConnector.Connector].

e.g. on 32-bit OS:

[HKEY_LOCAL_MACHINE\Software\Nuance\PDF\V1\Connectors\OnBaseConnector.Connector]

"ServerUrl"="<http://MyServer/AppServer/Service.aspx>"

"DataSource"="MyDataSource"

Note: *All the connectors are disabled by default.*

- Document Processing switches

- Reader mode
 - On: ISREADONLYMODE ="1"
 - Off: ISREADONLYMODE =""

Note: *The feature is disabled by default.*

- Advanced Edit mode



- On: ISDISABLEWRITEMODE =""
- Off: ISDISABLEWRITEMODE ="1"
- Note: The feature is enabled by default.*
- Allow running JavaScript
 - On: OPT_JS_ALLOWRUN="1"
 - Off: OPT_JS_ALLOWRUN="0"
 - Note: The feature is enabled by default.*
- Auto Save
 - On: ISINSTALLAUTOSAVE="1"
 - Off: ISINSTALLAUTOSAVE=""
 - Note: The feature is enabled by default.*
- Bates numbering
 - On: ISINSTALLBATESSTAMP ="1"
 - Off: ISINSTALLBATESSTAMP =""
 - Note: The feature is enabled by default.*
- CaseMap support
 - On: ISINSTALLCASEMAP ="1"
 - Off: ISINSTALLCASEMAP =""
 - Note: The feature is enabled by default.*
- Create dynamic forms
 - On: ISINSTALLFORMTYPER ="1"
 - Off: ISINSTALLFORMTYPER =""
 - Note: The feature is enabled by default.*
- DRM Security - FileOpen support
 - On: NUFILEOPEN ="1"
 - Off: NUFILEOPEN =""
 - Note: The feature is enabled by default.*
- Export/Import/Migrate comments
 - On: ISEXPORTCOMMENTS ="1"
 - Off: ISEXPORTCOMMENTS =""
 - Note: The feature is enabled by default.*
- Favorites



- On: ISINSTALLFAVOURITES ="1"
- Off: ISINSTALLFAVOURITES =""
Note: The feature is enabled by default.
- Fax via E-mail
 - On: NUFAXVIAEMAIL ="1"
 - Off: NUFAXVIAEMAIL =""
Note: The feature is enabled by default.
- File Storage options
 - On: NUFILESTORAGE ="1"
 - Off: NUFILESTORAGE =""
Note: The feature is enabled by default.
- Flatten
 - On: ISFLATTENENABLE ="1"
 - Off: ISFLATTENENABLE =""
Note: The feature is enabled by default.
- Form Tools all, except Highlighting and reset form
 - On: ISFORMTOOLENABLE ="1"
 - Off: ISFORMTOOLENABLE =""
Note: The feature is enabled by default.
- Imposition
 - On: ISINSTALLIMPOSITION ="1"
 - Off: ISINSTALLIMPOSITION =""
Note: The feature is enabled by default.
- Indexing PDF files
 - On: ISINSTALLCATALOG ="1"
 - Off: ISINSTALLCATALOG =""
Note: The feature is enabled by default.
- Maintain Revisions
 - On: SAVEREVISIONS ="1"
 - Off: SAVEREVISIONS =""
Note: The feature is enabled by default.
- Measurement Tools



- On: ISMEASURETOOL ="1"
- Off: ISMEASURETOOL =""
Note: The feature is enabled by default.
- Microsoft Rights Management Services
 - On: ISINSTALLRMS ="1"
 - Off: ISINSTALLRMS =""
Note: The feature is enabled by default.
- Optimize PDF documents
 - On: ISINSTALLOPTIMIZE ="1"
 - Off: ISINSTALLOPTIMIZE =""
Note: The feature is enabled by default.
- PDF Document comparison
 - On: ISINSTALLCOMPAREDOC ="1"
 - Off: ISINSTALLCOMPAREDOC =""
Note: The feature is enabled by default.
- Redact PDF documents
 - On: ISCONTAINREDACTION ="1"
 - Off: ISCONTAINREDACTION =""
Note: The feature is enabled by default.
- Remove Document Elements
 - On: ISINSTALLEXAMINEDOC ="1"
 - Off: ISINSTALLEXAMINEDOC =""
Note: The feature is enabled by default.
- Scan
 - On: NUSCAN ="1"
 - Off: NUSCAN =""
Note: The feature is enabled by default.
- Scan Inbox
 - On: NUINBOXMONITOR ="1"
 - Off: NUINBOXMONITOR =""
Note: The feature is enabled by default.
- Security and Digital signature



- On: ISINSTALLDIGSIGN ="1"
- Off: ISINSTALLDIGSIGN =""
Note: The feature is enabled by default.
- Spell Checker
 - On: ISINSTALLSPELLCHECK ="1"
 - Off: ISINSTALLSPELLCHECK =""
Note: The feature is enabled by default.
- Split PDF documents
 - On: ISINSTALLPDFCHUNKER ="1"
 - Off: ISINSTALLPDFCHUNKER =""
Note: The feature is enabled by default.
- Tagging PDF documents
 - On: ISINSTALLRETAG ="1"
 - Off: ISINSTALLRETAG =""
Note: The feature is enabled by default.
- Use Clip Art
 - On: ISINSTALLCLIPART ="1"
 - Off: ISINSTALLCLIPART =""
Note: The feature is enabled by default.
- Watched Folder
 - On: ISINSTALLWATCHEDFOLDER ="1"
 - Off: ISINSTALLWATCHEDFOLDER =""
Note: The feature is enabled by default.
- Watermarks
 - On: ISINSTALLWATERMARK ="1"
 - Off: ISINSTALLWATERMARK =""
Note: The feature is enabled by default.
- Workflows
 - On: ISBATCHPROCESSING ="1"
 - Off: ISBATCHPROCESSING =""
Note: The feature is enabled by default.



o **User Interface (UI) languages**

If the value of the property NUUSERLANGUI is 0 then the installer deploys the installation language and English. The default UI language of the application is the installation language.

This example deploys French and English UI languages. The application will use French by default:

```
MSIEXEC.EXE /i "[full path]\Nuance Power PDF Advanced.msi"  
NUUSERLANGUI ="0" TRANSFORMS="1036.mst"
```

This example deploys only English UI language. The application will use English by default:

```
MSIEXEC.EXE /i "[full path]\Nuance Power PDF Advanced.msi"  
NUUSERLANGUI ="0"
```

If the value of NUUSERLANGUI property is 1 then the installer deploys all the available UI languages. The default UI language of the application is the installation language.

This example deploys all the UI languages. The application will use French by default:

```
MSIEXEC.EXE /i "[full path]\Nuance Power PDF Advanced.msi"  
NUUSERLANGUI ="1" TRANSFORMS="1036.mst"
```

This example deploys all the UI languages. The application will use English by default:

```
MSIEXEC.EXE /i "[full path]\Nuance Power PDF Advanced.msi"  
NUUSERLANGUI ="1"
```

If the value of the property NUUSERLANGUI is 2 then the installer deploys all the command line defined UI languages. The default UI language of the application is the installation language.

The supported languages and the command line options are indicated in the following table.

Language	Option	Language	Option
Chinese (Traditional)	NUCHTUI	Italian	NUITAIUI
Chinese (Simplified)	NUCHSUI	Japanese	NUJPNUI
Czech	NUCZHUI	Korean	NUKORUI
Danish	NUDANUI	Norwegian	NUNORUI



Dutch	NUDUTUI	Polish	NUPOLUI
English	NUENGUI	Portuguese (Brazil)	NUBRAUI
Finnish	NUFINUI	Russian	NURUSUI
French	NUFREUI	Spanish	NUSPAUI
German	NUGERUI	Swedish	NUSWEUI
Hungarian	NUHUNUI	Turkish	NUTURUI

Command line options of User Interface

The following example deploys 4 UI languages, English, Chinese (Simplified), Spanish and German. The installation language is German.

```
MSIEXEC.EXE /i "[full path]\Nuance Power PDF Advanced.msi"  
NUUSERLANGUI ="2" NUENGUI="1" NUCHSUI="1" NUSPAUI="1"  
NUGERUI="1" TRANSFORMS="1031.mst"
```

Note: By default the value of NUUSERLANGUI is 0.

o Text-To-Speech (TTS) languages

If the value of the property NUUSERLANGTTS is 0 then the installer does not deploy the TTS feature.

If the value of the property NUUSERLANGTTS is 1 then the installer deploys the same TTS language as the installation language.

This example deploys French as the TTS language:

```
MSIEXEC.EXE /i "[full path]\Nuance Power PDF Advanced.msi"  
NUUSERLANGTTS ="1" TRANSFORMS="1036.mst"
```

This example installs English as the TTS language:

```
MSIEXEC.EXE /i "[full path]\Nuance Power PDF Advanced.msi"  
NUUSERLANGTTS ="1"
```

If the value of the property NUUSERLANGTTS is 2 then the installer deploys all the available TTS languages.

This example installs all the TTS languages:

```
MSIEXEC.EXE /i "[full path]\Nuance Power PDF Advanced.msi"  
NUUSERLANGTTS ="2" TRANSFORMS="1036.mst"
```



If the value of the NUUSERLANGTTS property is 3 then the installer deploys all the command line defined TTS languages.

The supported languages and the command line options are indicated in the following table.

Language	Option	Language	Option
Chinese (Traditional)	NUCHTTTS	Italian	NUITATTS
Chinese (Simplified)	NUCHSTTS	Japanese	NUJPNTTS
Czech	NUCZHTTS	Korean	NUKORTTS
Danish	NUDANTTS	Norwegian	NUNORTTS
Dutch	NUDUTTTS	Polish	NUPOLTTS
English	NUENGTTS	Portuguese (Brazil)	NUBRATTS
Finnish	NUFINTTS	Russian	NURUSTTS
French	NUFRETTS	Spanish	NUSPATTS
German	NUGERTTS	Swedish	NUSWETTS
		Turkish	NUTURTTTS

Command line options of Text-To-Speech Languages

Three of the languages are in the *Nuance Power PDF Advanced.msi* package. These languages are English, French and German.

Additional languages are in a separated Text-To-Speech installer. This Text-To-Speech installer is either in your original product CD (NuanceTTSModule folder) or you can download it from Nuance.com.

The following example deploys 3 TTS languages: English, French and German. The installation language is German.

```
MSIEXEC.EXE /i "[full path]\Nuance Power PDF Advanced.msi"
NUUSERLANGTTS="3" NUENGTTS="1" NUFRETTS="1" NUGERTTS="1"
TRANSFORMS="1031.mst"
```

The following example deploys 4 additional TTS languages: Chinese (Traditional), Spanish, Russian and Japanese. The installation language is German.

```
MSIEXEC.EXE /i "[full path]\Nuance text to speech extension module.msi"
NUUSERLANGTTS="3" NUCHTTTS="1" NUSPATTS="1" NURUSTTS="1"
NUJPNTTS="1" TRANSFORMS="1031.mst"
```



Note: By default the value of NUUSERLANGTTS is 1.

o **Signature switches**

- o Enable 'Require Signing Reason' and 'Show Reasons' in the application

On: OPT_SIGN_REQUIREREASON = "1"

Off: OPT_SIGN_REQUIREREASON = ""

Note: The feature is disabled by default.

- o Disable 'Require Signing Reason', 'Show Reasons' and 'Edit Reasons' controls in the Settings dialog of the application

On: OPT_SIGN_DISABLEREASONS = "1"

Off: OPT_SIGN_DISABLEREASONS = ""

Note: The feature is disabled by default.

- o Enable 'Show location and contact information' in the application

On: OPT_SIGN_LOCATION = "1"

Off: OPT_SIGN_LOCATION = ""

Note: The feature is disabled by default.

- o Disable 'Show location and contact information' checkbox in the Settings dialog of the application

On: OPT_SIGN_DISABLELOCATION = "1"

Off: OPT_SIGN_DISABLELOCATION = ""

Note: The feature is disabled by default.

- o Enable 'Include signature's revocation status' in the application

On: OPT_SIGN_REVOCSTATUS = "1"

Off: OPT_SIGN_REVOCSTATUS = ""

Note: The feature is disabled by default.

- o Disable 'Include signature's revocation status' checkbox in the Settings dialog of the application

On: OPT_SIGN_DISABLEREVOCSTATUS = "1"

Off: OPT_SIGN_DISABLEREVOCSTATUS = ""

Note: The feature is disabled by default.

- o Enable 'Require time stamp information' in the application

On: OPT_SIGN_TSINFO = "1"

Off: OPT_SIGN_TSINFO = ""



Note: The feature is disabled by default.

- Disable 'Require time stamp information' checkbox in the Settings dialog of the application

On: OPT_SIGN_DISABLETSINFO ="1"

Off: OPT_SIGN_DISABLETSINFO =""

Note: The feature is disabled by default.

- **Visibility settings**

- Allow user to disable/enable eDOCS Connector in Application

On: ISENABLEHBADDINOPTION ="1"

Off: ISENABLEHBADDINOPTION =""

Note: The feature is disabled by default.

- Allow user to disable/enable iManage Connector in Application

On: ISENABLEIMANADDINOPTION ="1"

Off: ISENABLEIMANADDINOPTION =""

Note: The feature is disabled by default.

- Allow user to disable/enable 'Load security settings' option in Application

On: ISSHOWLOADSECOPTION ="1"

Off: ISSHOWLOADSECOPTION =""

Note: The feature is enabled by default.

- Allow user to disable/enable Maintain Revisions in Application

On: ISSHOWREVOPTION ="1"

Off: ISSHOWREVOPTION =""

Note: The feature is enabled by default.

- Allow user to disable/enable Microsoft Office integration in Application

On: NUSHOWOFFICEOPTIONS ="1"

Off: NUSHOWOFFICEOPTIONS =""

Note: The feature is enabled by default.

- Allow user to disable/enable 'Run JavaScript' option in Application

On: OPT_JS_DISABLEALLOWRUN ="1"

Off: OPT_JS_DISABLEALLOWRUN ="0"

Note: The feature is enabled by default.



- Allow user to disable/enable 'View Documents in Internet Explorer' option in Application

On: ISENABLEIEPDFVIEWOPTION ="1"

Off: ISENABLEIEPDFVIEWOPTION =""

Note: The feature is enabled by default.

- Allow user to disable/enable Windows Desktop Search integration in Application

On: ISENABLEWDSOPTION ="1"

Off: ISENABLEWDSOPTION =""

Note: The feature is enabled by default.

- Add Open from and Save to eDOCS to File menu

On: ISOPENSAVEEDOCS ="1"

Off: ISOPENSAVEEDOCS =""

Note: The feature is disabled by default.

- Show 'Next File' and 'Previous File' in File menu

On: VIEWFOLDER ="1"

Off: VIEWFOLDER =""

Note: The feature is enabled by default.

- Show 'Open Revisions' and 'Save Revisions' in File menu

On: FILE_REVISION ="1"

Off: FILE_REVISION ="0"

Note: The feature is enabled by default.

- Show 'Recent File' in File menu

On: FILE_RECENT ="1"

Off: FILE_RECENT ="0"

Note: The feature is enabled by default.

- Show 'Revert File' in File menu

On: FILE_REVERT ="1"

Off: FILE_REVERT ="0"

Note: The feature is enabled by default.

- Other switches



- Use Shared Watermarks. Allows using shared watermarks within the deployed printer settings. See the chapter [Including existing application settings](#)

On: USESHAREDWTM ="1"

Off: USESHAREDWTM =""

- Allow user to modify PDF creation options. Turn this feature off if you want to deploy read-only PDF printer settings and Create Assistant profiles.

On: ISDRIVERMODIFIABLE ="1"

Off: ISDRIVERMODIFIABLE =""

- Preserve user interface settings during upgrade.

On: NUPRESERVEUI = "1"

Off: NUPRESERVEUI = ""

Note: The feature is enabled by default.

- Scan to Desktop

- Use the property S2DFILEPATH for Scan to Desktop in manual mode. You can push this with the user macro with the following syntax:

```
S2DFILEPATH ="\\Computer name\Inboxes\"
```

Note: <user> must be entered as you see it here. When the scan inbox is accessed, <user> is automatically replaced with the name of the person logged in to Windows and points to their inbox.

You cannot use this variable in conjunction with S2DSERVER or S2DSUBDIR.

- Use the S2DSERVER property with ShareScan in 'home directory' mode. The value must be a valid server address that contains the home directory information for the ShareScan users. If you are using home directories, entering a value for S2DDSERVER is mandatory, but entering a value for S2DSUBDIR is optional.

```
S2DSERVER = "\\Server name"
```

- The S2DSUBDIR property must match the value for ShareScan 'home directory' mode. This is an optional value

```
S2DSUBDIR = "\\folder name"
```

Note: You are also allowed to use standard MSI parameters to specify commonly used installation parameters like USERNAME, COMPANYNAME, INSTALLDIR, ISX_SERIALNUM etc.



Important: Command-line install parameters always overwrite .mst file settings.

3.2.2 Client Installation using Active Directory

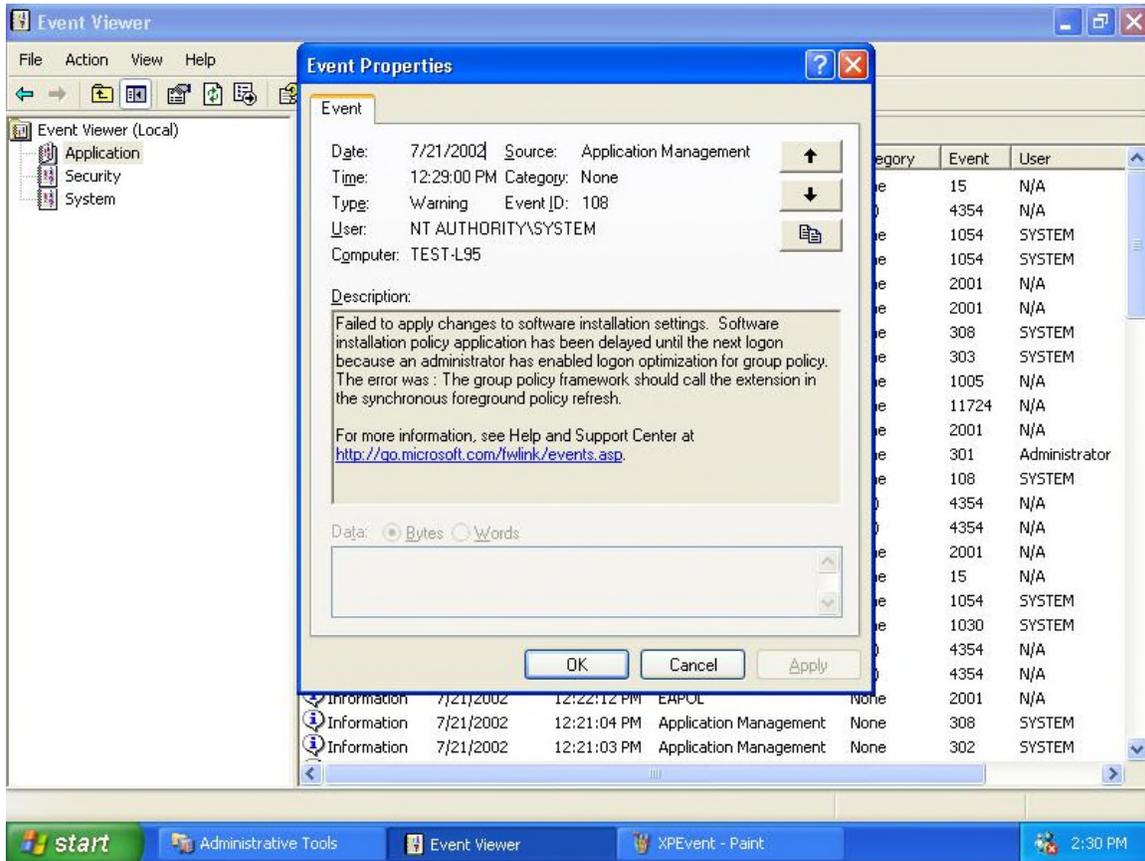
3.2.2.1 Overview

Active Directory is a feature of Windows 2000 or above servers. Group Policy (GPO), a component of Active Directory, includes a Software Installation snap-in that enables an administrator to create a network installation. The administrator can install software to Windows XP or above clients. The administrator cannot use the snap-in to install to clients with older versions of the Windows operating system.

Active Directory supports three main installation scenarios: Publish to Users, Assign to Users and Assign to Computers.

- Publish to Users will "advertise" the program in Add/Remove Programs in the user's Control Panel. The program will not be installed until the user chooses to add it.
- Assign to Users will also "advertise" the program, but it will be available from a Start Menu shortcut, a Desktop shortcut, and from Add/Remove programs in the user's Control Panel.
- **Assign to Computers** will install the software on the computer during the next computer reboot.

Power PDF Advanced supports the **Assign to Computers** scenario and will successfully install the software when the computer is rebooted. It can be delayed on Windows XP clients when the administrator enables logon optimization for group policy, in which case you will see an entry in the event log after the first reboot, as shown below. The installation is then performed on the second reboot.



The installation is performed on the second reboot.

The installation takes place silently, and the software is installed for all users on the computer.

Important: Power PDF Advanced does not support the Publish to Users or Assign to Users scenarios.

Active Directory also supports ZAP files as a mechanism for installing programs that are not compatible with the Microsoft Windows Installer. Because Power PDF Advanced is Windows Installer compatible, ZAP files are not necessary.

3.2.2.2 Deployment example (Installation in existing organizational units)

Requirements:

1. A deployment target computer that is a member of a domain, site, or organizational unit.
2. MSI 3.1 installed on the target (client) computer.
3. A working Active Directory environment.
4. Installer ready for deployment on a shared network location including the previously created transform file. This file must contain at least the serial number of the product. See more: [Customization with Nuance](#)



[Customization Kit](#). And the language-specific transform files in the case of a multi-language setup package. See more: [Language specific transform files](#).

Steps:

1. Select Control Panel/Administrative Tools/Active Directory Users and Computers.
2. Right-click the site, domain, or organizational unit that contains the deployment computer.
3. Select Properties, click the Group Policy Tab, and then click New.
4. Specify a descriptive name.
5. Click Edit.
6. In the Group Policy Window, right-click Computer Configuration/Software Settings/Software Installation.
7. Click New, and then click Package.
8. Select "Advanced Published or assigned".
9. Click OK.
10. For Windows XP proceed as described above for the vcredist.msi.
11. Select the right .msi package of Power PDF Advanced (Nuance Power PDF Advanced.msi). Remember different .msi package files should be used on 32 and 64-bit systems.
12. Select the 'Modifications' tab then click 'Add' when the Properties dialog box appears and select the transform files with the modifications. In the case of a multi-language setup package do not forget the relevant language transform file.
13. Click OK.

Active Directory is ready to install the product on client computers.

3.2.2.3 Uninstallation

1. Select the package 'Power PDF Advanced' from 'Software settings\Software installation'.
2. Right-click it and select 'All tasks/Remove'.
3. Choose 'Immediately uninstall the software from users and computers'.

This will remove all integration entries.



Note: In Windows Server 2012 Active Directory environment it might happen that removal of Nuance Power PDF Advanced from client machines fails; should this happen, use Startup or Shutdown scripts with the following command included:

MsiExec.exe /x{PRODUCTCODE} /qb



4 Installation under Citrix Metaframe or Windows Terminal Server

4.1 Installation under Citrix Metaframe or Windows Terminal Server

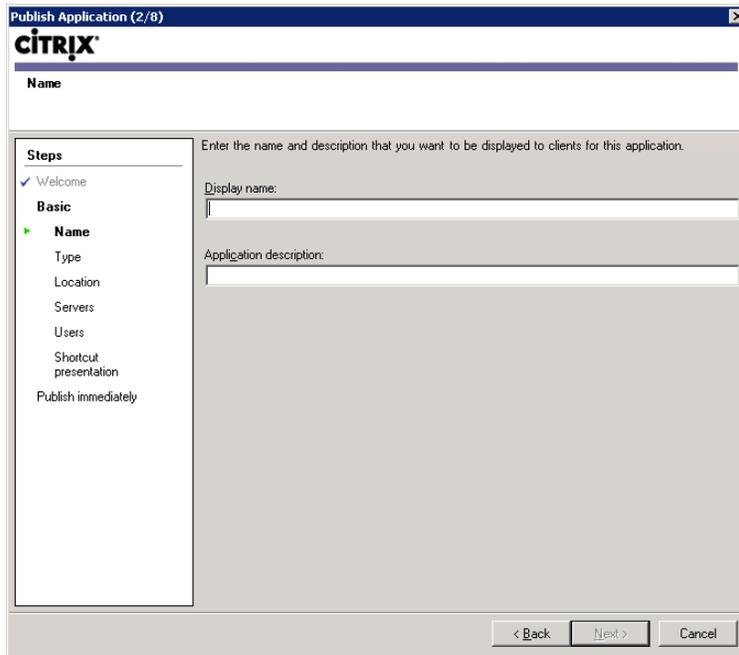
1. Log in as an Administrator.
2. Browse the setup.exe of Power PDF Advanced from the install media.
3. Follow the instructions in the InstallShield Wizard.
4. When installation is complete, click the Finish button.

Log off then log on again to complete the installation and to enable proper functioning of various components.

4.2 Application Publishing

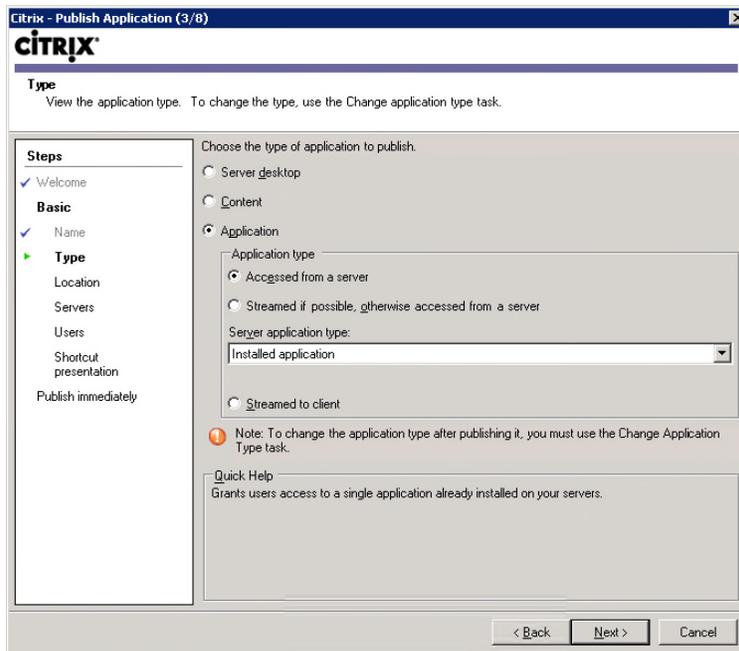
To publish product to client machines, follow the steps below:

1. In the 'Windows Start' menu select Citrix \ Management Consoles \ Presentation Server Console.
2. Log on to the 'Server Farm'
3. Right-click 'Applications' and choose 'Publish Applications' (CTRL+P). The 'Application Publishing Wizard' launches.
4. Specify the 'Display Name' and 'Application Description' and click 'Next'.



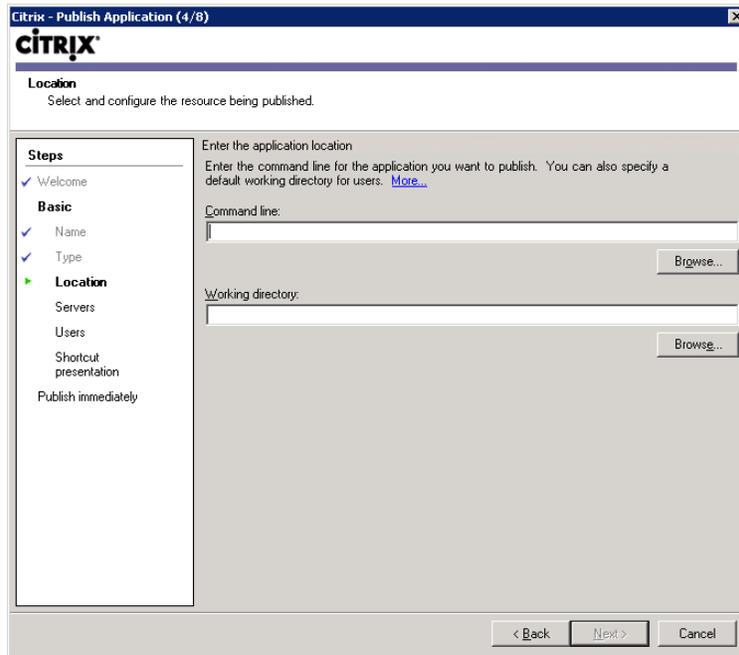
Citrix Publish Application Wizard. Name and description

5. Mark the 'Application' radio button and click 'Next'.



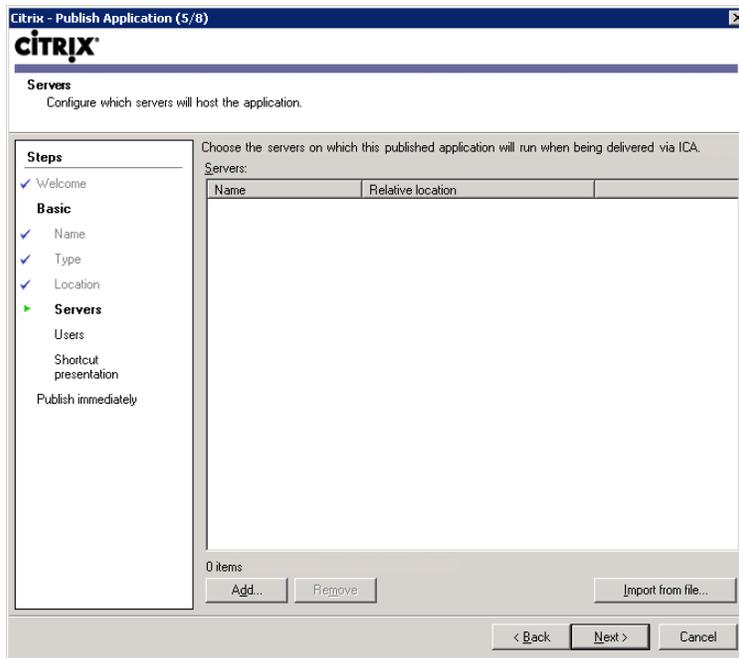
Citrix Publish Application Wizard. Application Type

6. Browse to the Power PDF Advanced executable as installed on the server and click 'Next'.



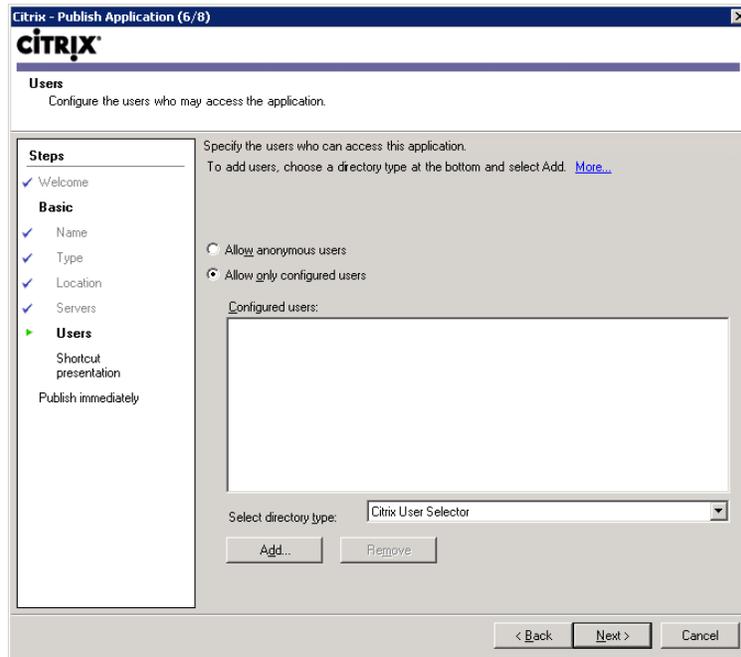
Citrix Publish Application Wizard. Location

7. Choose the server(s) that the Power PDF Advanced product will run on and click 'Next'.



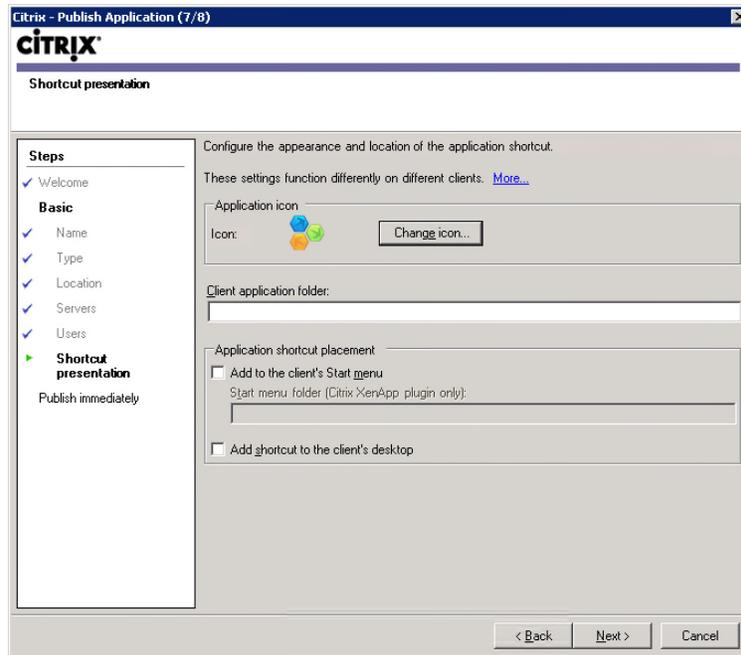
Citrix Publish Application Wizard. Servers

8. Specify the group of users whom you will publish the application to and click 'Next'



Citrix Publish Application Wizard. Users

9. Configure the appearance and location of the application shortcut and click 'Next'.

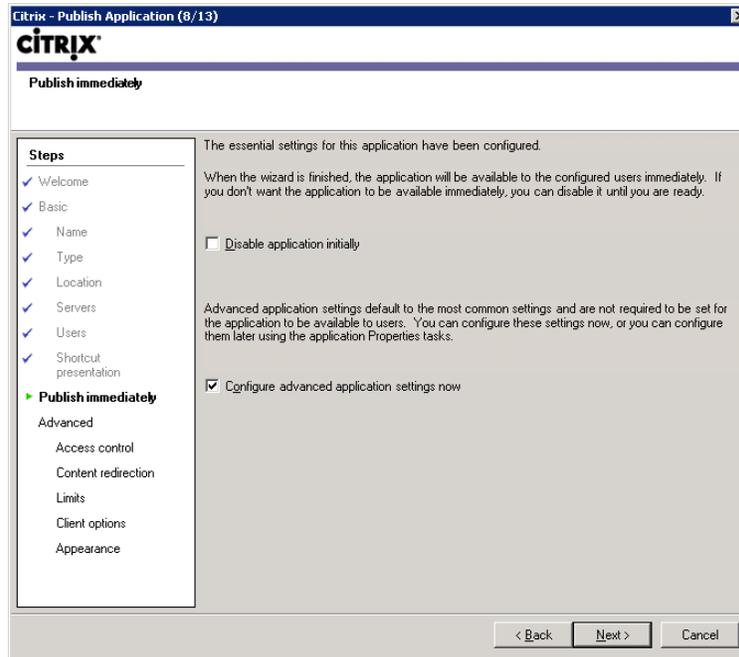


Citrix Publish Application Wizard. Shortcut presentation

10. Click 'Finish' to publish the application or select 'Configure advanced application settings now' to modify advanced options like Access control, File type associations, Limit of instances to run, Client options (such as



encryption), Application appearance (such as display size and color quality etc.)



Citrix Publish Application Wizard. Publish immediately

When you are done, the published application will be available under the Citrix Program Neighborhood on the client machines. If the application icon is not displayed there, double-click the Application Set Manager icon, then on Find New Application Set and follow the instructions in the wizard.

4.3 Accessing the installed product from clients

The following gives you an example how to access Power PDF Advanced from Citrix clients:

1. Have an installed Citrix client on the user machine.
2. Start Citrix MetaFrame Program Neighborhood.
3. Double-click 'Application Set Manager'.
4. Create an ICA connection: double-click 'Custom ICA Connection' then on 'Add ICA connection'.
5. Select the type of connection and click 'Next'.
6. Enter a description for the connection and select the appropriate network protocol. Click 'Next'.
7. Choose to connect to the server, or to a published application. Change the defaults for encryption level and session reliability if you wish. Click 'Next'.



8. Specify 'User Name', 'Password' and 'Domain'. Click 'Next'.
9. Set window color and size and click the 'Next' button.
10. Browse to PDF application and its Working Directory. Click 'Next', then 'Finish'.
11. To launch the application, double-click its icon in the MetaFrame Program Neighborhood window.

4.4 Uninstallation

To uninstall the PDF application, follow the steps below:

1. Login to the Windows Terminal, or Citrix server as Administrator.
2. Go to 'Add/Remove programs'.
3. Select PDF application.
4. Click 'Remove'.
5. The server may require a system restart. If so, click 'Yes'.

This will remove all integration entries.



5 Microsoft App-V Virtualization

5.1 Overview

This section describes how to sequence a Power PDF package and what additional installations are needed on the client computer. This guide shows how to integrate with MS Office applications when Office is virtualized in another package.

The supported Microsoft App-V version is 5.0 SP1.

5.2 Virtualization of MS Office with Office Deployment tool

1. Download Office deployment tool from Microsoft:
<http://www.microsoft.com/en-us/download/details.aspx?id=36778>
2. Extract ODT files
Launch the downloaded exe.
Accept the EULA and click Continue.
Browse for a folder where the files of the Office Deployment Tool will be extracted and click OK.
3. Open and edit Configuration.xml with Notepad from the folder where you extracted the ODT files.

Change content to the following:

```
<Configuration>  
  <Add OfficeClientEdition="32" >  
    <Product ID="O365ProPlusRetail">  
      <Language ID="en-us" />  
    </Product>  
  </Add>  
</Configuration>
```

Change 32 to 64 if 64-bit office is needed.

Change en-us to the desired language code.

Save the xml file.



4. Launch a Command Prompt (cmd.exe) with Administrator rights (Run as Administrator)
5. Type the following line into the Command Prompt:

```
"<path>\setup.exe" /packager "<path>\Configuration.xml" "<output path>"
```

Replace **<path>** and **<output path>** with the real paths then press ENTER.
6. Wait until the package is downloaded and converted. It can take several minutes.

Note: The following Microsoft Knowledge Base also describes how to deploy Office 2013 in App-V 5.0: <http://support.microsoft.com/kb/2915745>

5.3 Sequencing Power PDF

5.3.1 Preparing machine for sequencing

1. Make a clean machine
2. Install Microsoft .Net Framework 4.0 full version. It can be downloaded from Microsoft: <http://www.microsoft.com/en-us/download/details.aspx?id=17851> or can be found in Prerequisites folder on the Power PDF installation media.
3. Select Windows update from Start menu, download and install all recommended updates
4. Install Windows Power Shell 3.0
Download Windows Management Framework 3.0 from Microsoft: <http://www.microsoft.com/en-us/download/details.aspx?id=34595>
This step is not needed on Windows 8 and above.
5. Stop Windows Defender
Go to *Control Panel*, change to Small icons view, click on *Windows Defender*. In *Tools > Options > Administrator* unmark *Use this program*
6. Stop Windows Search
Go to *Control Panel*, click on *Administrative tools*. Select *Services*. Browse for *Windows Search* service. *Stop service*.
7. Disable Automatic Windows Update

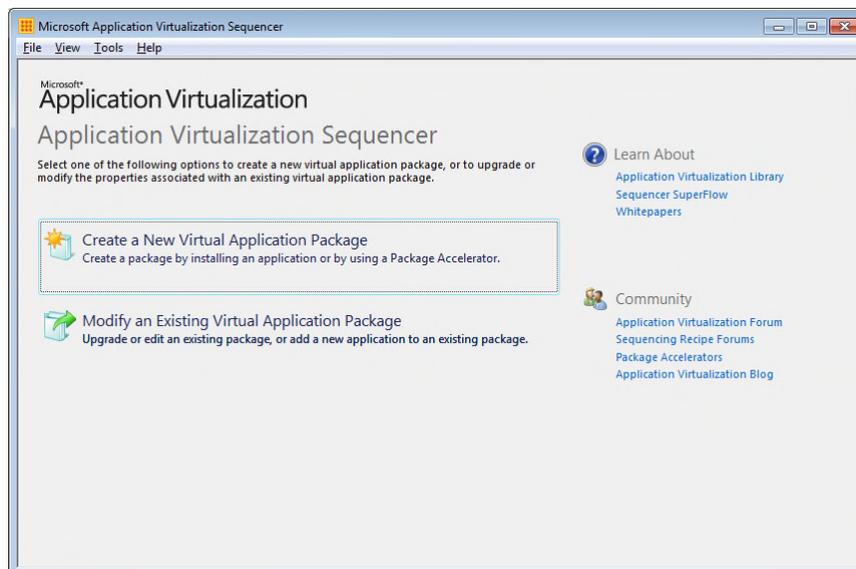


Go to *Control Panel*, click on *Windows Update*. On the left select *Change Settings*. Turn off updates.

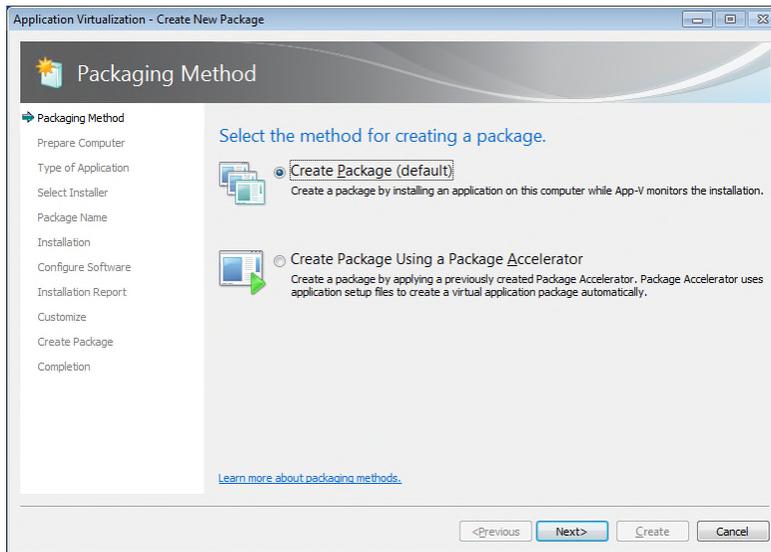
8. Install Microsoft App-V Sequencer 5.0 SP1
9. Reboot the machine

5.3.2 Sequencing Power as a plugin for Office 2013

1. Launch the Microsoft Application Virtualization Sequencer
Click *Create a New Virtual Application Package*

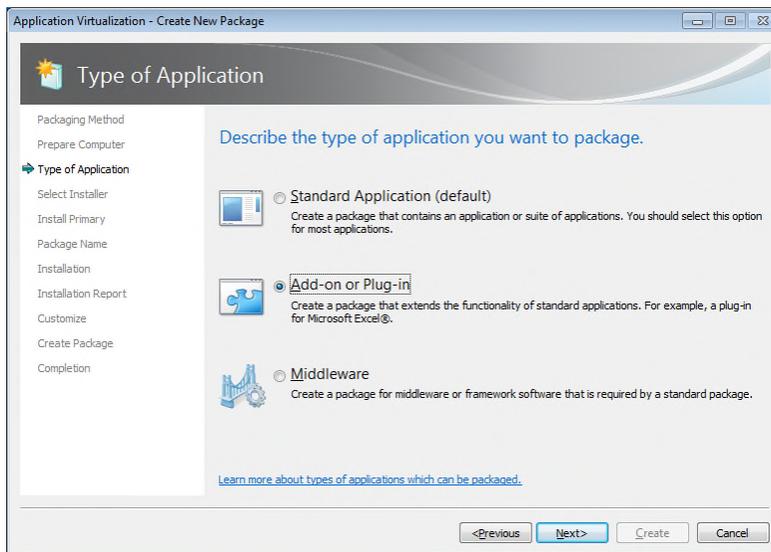


2. Select *Create Package*, click **Next**



3. Resolve issues that are listed in the Prepare Computer dialog. Click **Next**.

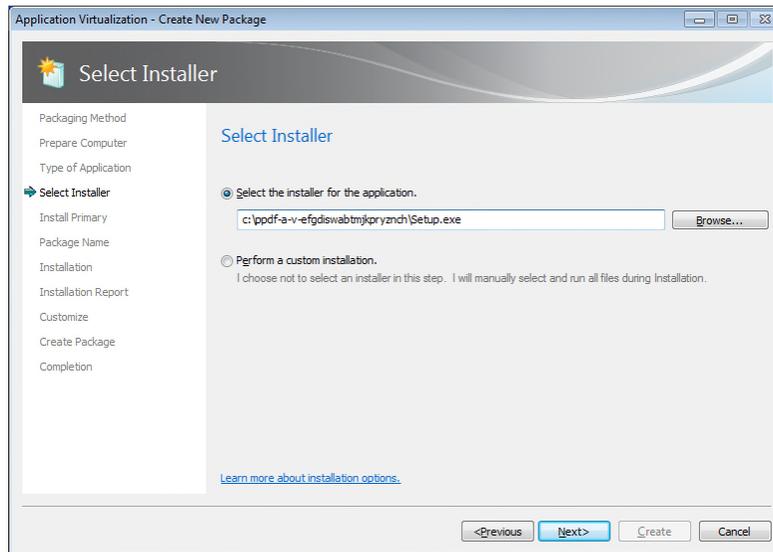
4. Select *Add-on or Plugin* radio button, click **Next**



5. Install Power PDF

Browse Setup.exe in Power PDF installation media and install Power PDF

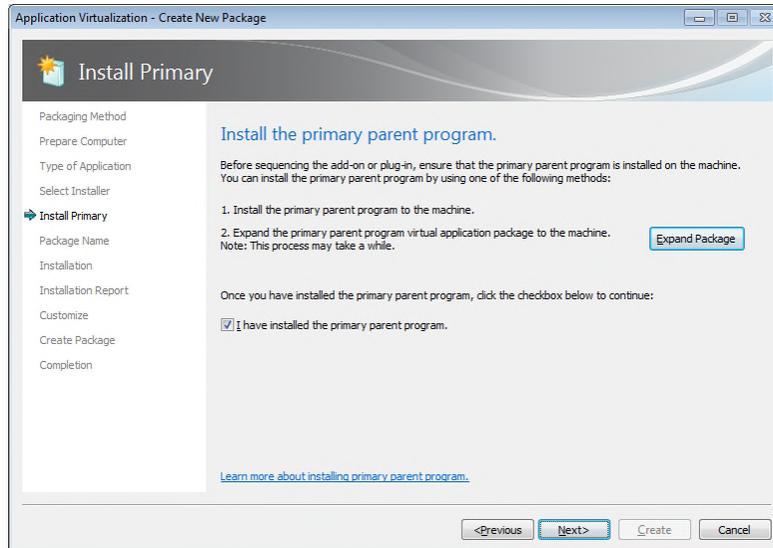
Note: It is possible to use either the original build or an installer package that you already customized and Published using the Customization Kit.



6. Extend the Office App-V Package

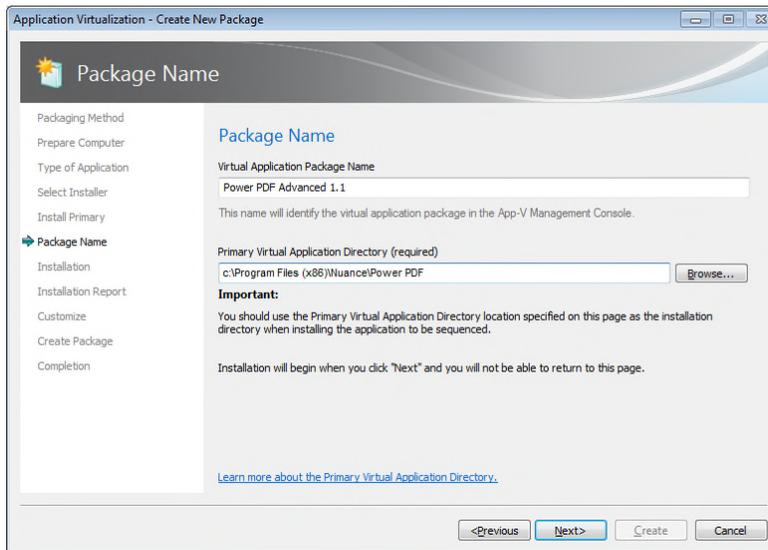
Browse for the package then click on the **Expand** button. Wait until the package is expanded.

Mark *I have installed the primary parent program* checkbox and click Next.



7. Type Power PDF as package name and type the install path where Power PDF is going to be installed. E.g. C:\Program Files\Nuance\Power PDF, or C:\Program Files (x86)\Nuance\Power PDF in the case of a 64-bit OS.

Click Next.



8. Go through the Pro installer steps

Select language, mark *Nuance Cloud Connector* and *Nuance text to speech extension module* checkboxes if needed

Click **Start installation**

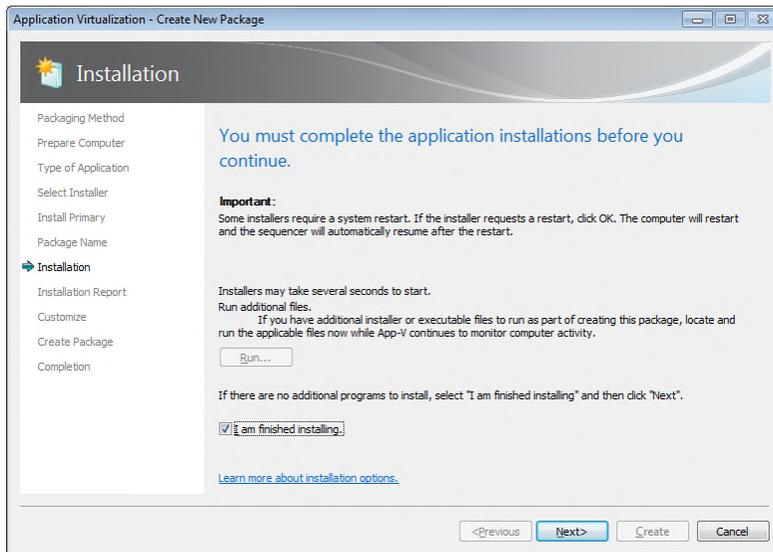
Accept the EULA and enter serial number

Select **Custom install**, make necessary customization

In the Destination folder step make sure that the destination folder is the same as you defined in the App-V sequencer

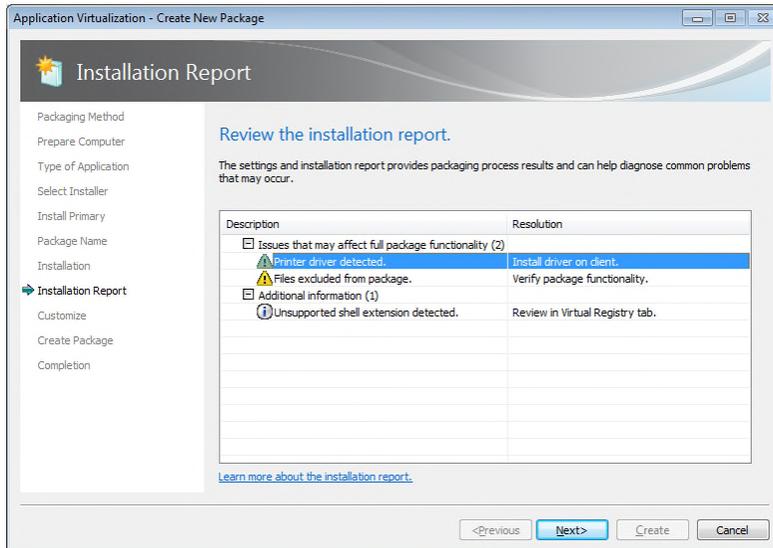
Complete the install

9. Mark the *I am finished installing* checkbox and click on Next

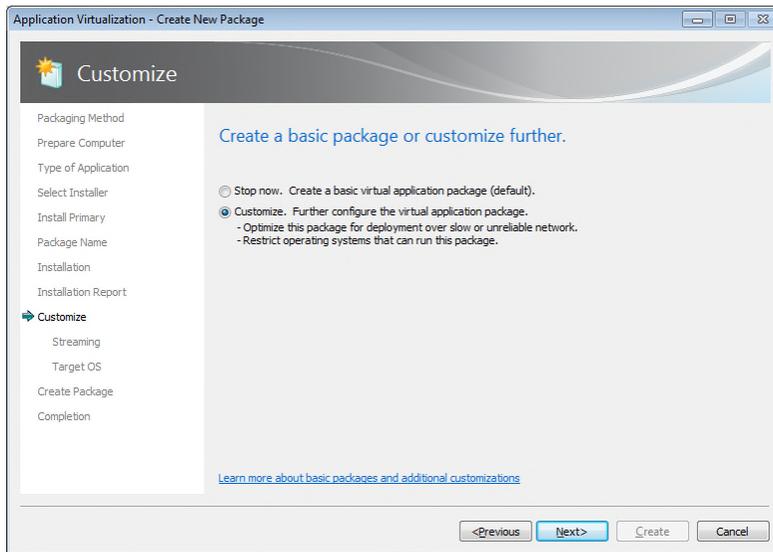


10. Click **Next** in the Installation Report dialog

The Installation report can report errors: Printer driver detected, Files excluded from package, Unsupported shell extension detected

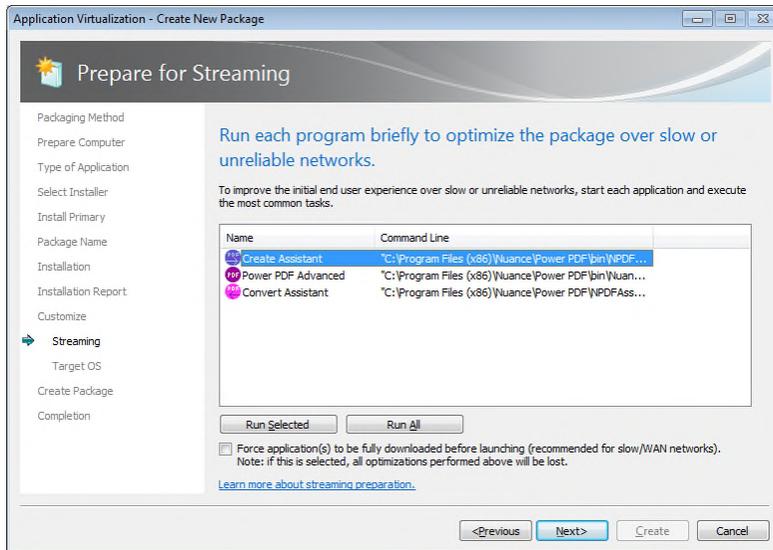


11. Select Customize radio button, click **Next**



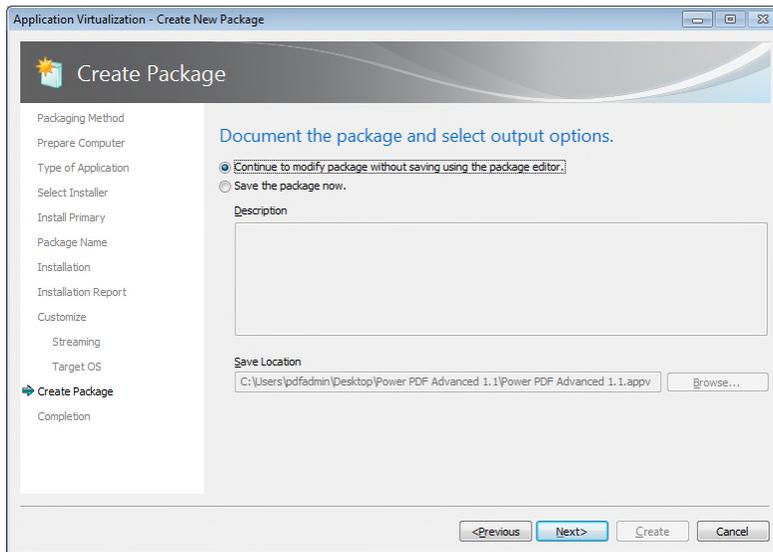
12. Run and close applications one by one on Prepare for Streaming dialog then click **Next**

If the Terminate child processes dialog appears click **Yes** to close the background processes



13. Select *Allow this package to run on any operating system* and click **Next**

14. Select *Continue to modify package without saving using the package editor* and click **Next**



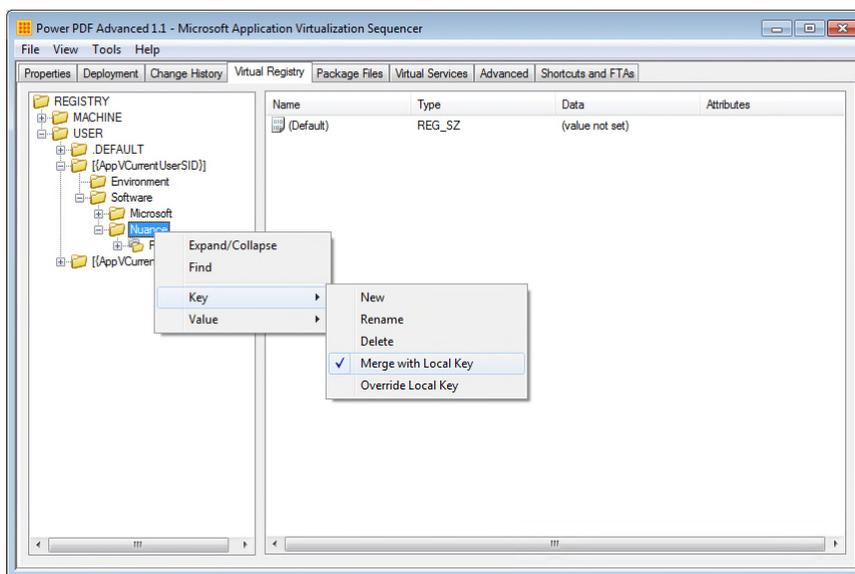
15. Click **Close** on Package completed step

16. In the Application Virtualization Sequencer select the Virtual Registry tab

Select *Registry\User\{AppVCurrentUserSID}\Software\Nuance* key and right click on it. Select **Key - Merge with Local Key**

Select *Registry\User\{AppVCurrentUserSID}\Software\Nuance\PDF* key and right click on it. Select **Key - Merge with Local Key**

Select *Registry\User\{AppVCurrentUserSID}\Software\Nuance\PDF\PDF Driver* key and right click on it. Select **Key - Merge with Local Key**





17. Select *File > Save as* and save the package

18. From the folder where the package was saved open `PowerPDF_DeploymentConfig.xml` with Notepad and edit it.

Find "`<COM mode=`" and change settings to the following:

```
<COM Mode="Integrated">
  <IntegratedCOMAttributes OutOfProcessEnabled="true" InProcessEnabled="true" />
</COM>
<!--
  Objects
-->
<Objects Enabled="false" />
```

Find "`EnvironmentVariables`" and change settings to the following:

```
<EnvironmentVariables Enabled="true">
  <Include>
    <Variable Name="MOZ_PLUGIN_PATH" Value="{AppVPackageRoot}\Bin\" />
    <Variable Name="powerpdfinappv" Value="501" />
  </Include>
```

19. From the created folder open `PowerPDF_UserConfig.xml` with Notepad

Find "`<COM mode=`" and change settings to the following:

```
<COM Mode="Integrated">
  <IntegratedCOMAttributes OutOfProcessEnabled="true" InProcessEnabled="true" />
</COM>
<!--
  Objects
-->
<Objects Enabled="false" />
```

20. Copy the created folder (package) to a shared location.

5.4 Deploying on client machines



5.4.1 Prepare client

1. Install Microsoft .Net Framework 4.0 full version
2. Install Windows Management Framework 3.0
3. Install Microsoft App-V client 5.0 SP1
4. Reboot the machine

5.4.2 Install Printer driver

Printer driver is excluded during the sequencing process and it must be installed locally on the client.

1. Browse for the installation folder of Nuance PDF Create for App-V deployed Power PDF and launch setup.exe.
Select a language and click on the **Start Installation** button.
2. Complete the install.

5.4.3 Deploy MS Office App-V package

1. Launch Accessories - Windows PowerShell - Windows PowerShell ISE with Run as Administrator
2. Type `Set-ExecutionPolicy Unrestricted` and press Enter - Click Yes to confirm the policy change
3. Type `Import-Module appvclient` and press Enter
4. Type `Set-AppvClientConfiguration -EnablePackageScripts $true` and Press Enter
5. Type `Add-AppvClientPackage -Path <path_of_Office.appv> -DynamicDeploymentConfiguration <path_of_DeploymentConfig.xml> | Publish-AppvClientPackage -Global` and press Enter

`<path_of_Office.appv>` and `<path_of_DeploymentConfig.xml>` should be changed to the real path

Wait until the package is added and published

Verify that Microsoft Office 2013 has appeared in the Start Menu



5.4.4 Deploy Power PDF App-V package

1. Type `Add-AppvClientPackage -Path <path_of_PowerPDF.appv> -DynamicDeploymentConfiguration <path_of_DeploymentConfig.xml> | Publish-AppvClientPackage -Global` and press ENTER
`<path_of_PowerPDF.appv>` and `<path_of_DeploymentConfig.xml>` should be changed to the real path
2. Wait until the package is added and published.

5.4.5 Set Connection Group

1. Copy the following text into Notepad:

```
<?xml version="1.0" encoding="UTF-16"?>
<appv:AppConnectionGroup
  xmlns="http://schemas.microsoft.com/appv/2010/virtualapplicationconnectiongroup"
  xmlns:appv="http://schemas.microsoft.com/appv/2010/virtualapplicationconnectiongroup"
  AppConnectionGroupId="" VersionId="" Priority="0" DisplayName="PDF and Office">
  <appv:Packages>
    <appv:Package PackageId="" VersionId="" />
    <appv:Package PackageId="" VersionId="" />
  </appv:Packages>
</appv:AppConnectionGroup>
```
2. Open PowerShell ISE (Run as Administrator)
Create 2 new GUID with the command `[guid]::NewGuid()`
Copy the new GUIDs between the quotation marks of `AppConnectionGroupId` and the 1st `VersionId` rows
Type `Get-AppvClientPackage` to PowerShell ISE and press Enter
Copy and paste the `PackageId` and `VersionId` of both Power PDF and Office packages
Save the file as Unicode text as `ConGroup.xml`
Type `Add-AppvClientConnectionGroup -path <path_of_ConGroup.xml>` and press Enter
Type `Enable-AppvClientConnectionGroup -name "PDF and Office" -Global` and press Enter



5.4.6 Enable other integrations (if needed)

Open Notepad

Copy the *PackageId* of PowerPDF package from PowerShell and paste it to Notepad

Type a `_` (underscore) character after the package id

Copy the *VersionID* of PowerPDF package from PowerShell and paste it after `_` (underscore)

Open Regedit with admin rights

Select

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\AppV\Client\RunVirtual key

5.4.6.1 Internet Explorer

Right click on *RunVirtual* key and select *New - Key*

Type `ieexplore.exe` and press Enter

Right click on (Default) and select Modify

Copy the concatenated IDs from Notepad and paste to Value Data and click OK

5.4.6.2 Chrome

Right click on *RunVirtual* key and select *New - Key*

Type `chrome.exe` and press Enter

Right click on (Default) and select Modify

Copy the concatenated IDs from Notepad and paste to Value Data and click OK

5.4.6.3 Firefox

Right click on *RunVirtual* key and select *New - Key*

Type `firefox.exe` and press Enter

Right click on (Default) and select Modify

Copy the concatenated IDs from Notepad and paste to Value Data and click OK

5.4.6.4 Lotus Notes

Right click on *RunVirtual* key and select *New - Key*



Type `nlnotes.exe` and press Enter

Right click on (Default) and select Modify

Copy the concatenated IDs from Notepad and paste to Value Data and click OK

Right click on *RunVirtual* key and select *New - Key*

Type `notes2.exe` and press Enter

Right click on (Default) and select Modify

Copy the concatenated IDs from Notepad and paste to Value Data and click OK

6 Installation of Nuance Cloud Connector in Distributed Environments

6.1 Client Installation

Launch a console window on the client machine with administrative rights.

Here is an example showing how to install the product with different options. To install Nuance Cloud Connector with basic user interface but with no message box on completion, use the following command-line:

```
MSIEXEC.EXE /i "<source_path>\Nuance_Cloud_Connector.msi"  
TRANSFORMS="<source_path>\1036.mst" /qb
```

Where:

- 'q' defines what type of user interface the installation will use:
 - /qn specifies that no user interface will be displayed
 - /qb specifies a basic interface with a progress bar and (if used) the plus sign ('/qb+' or '/qn+') specifies that a message box will be displayed when installation has finished.
- TRANSFORMS="<source_path>\1036.mst" defines the installation language.
See more: [Language specific transform files](#)

Wait until installation completes.



6.2 Client Installation using Active Directory

Requirements:

1. A deployment target computer that is a member of a domain, site, or organizational unit.
2. MSI 3.1 installed on the target (client) computer.
3. A working Active Directory environment.

Steps:

1. Select Control Panel/Administrative Tools/Active Directory Users and Computers.
2. Right-click the site, domain, or organizational unit that contains the deployment computer.
3. Select Properties, click the Group Policy Tab, and then click New.
4. Specify a descriptive name.
5. Click Edit.
6. In the Group Policy Window, right-click Computer Configuration/Software Settings/Software Installation.
7. Click New, and then click Package.
8. Select – via the network – the relevant msi file in the target folder of the administrative installation. Make sure that the target folder is shared over the network and accessible for all users.
9. Select the Nuance_Cloud_Connector.msi file via the network, from the folder System32 or System64.
10. Select Advanced as the deployment method.
11. Click OK.
12. Select the appropriate language transform file.
13. Click OK.

Active Directory is ready to install the product on client computers.

6.2.1.1 Uninstallation

1. Select the package from 'Software settings\Software installation'.
2. Right-click it and select 'All tasks/Remove'.
3. Choose 'Immediately uninstall the software from users and computers'.

This will remove all integration entries.

