

ABBYY® FineReader 14

System Administrator's Guide

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Installation and activation methods by license type and product version

Availability of deployment methods for each license type

	Standalone	Per Seat	Concurrent	Terminal Server
Installation on one computer (standard software installation)	+	+	Not recommended	+
Installation on a terminal server	-	-	+	+
Installation on more than one computer: administrative installation with License Manager	-	+	+	-
Installation on more than one computer: multi-user administrative installation point with automatic activation	-	+	-	-

Deployment methods

Installation on one computer (standard software installation)

1. This method is suitable for all license types except **Concurrent**.
2. When FineReader is installed, it will need to be activated.

Installation on more than one computer

You can to create administrative installation point to installing ABBYY FineReader 14 on more than one computer and deploy ABBYY FineReader from server to workstations.

ABBYY FineReader is activated by the server.

1. Creation an administrative installation

Administrative installation with License Server and License Manager

- Internet connection is not required on workstations.
- License Manager is required.
- The product can only be installed on workstations in the same network.

Multi-user administrative installation point with Per-Seat licenses and automatic activation

- Internet connection is required on workstations.
- License Manager is not required.
- This method makes it possible to deploy FineReader on computers in different LANs.

2. Deploying methods

Install ABBYY FineReader on workstations using one of the following methods:

- manually in interactive mode
The standard software installation method. This method is preferable for **Standalone** and **Terminal Server** licenses.
- via the command line
You can use Silent installation type. No dialog boxes will be displayed during setup.
- Active Directory
 - a) This method can only be used with **Group Policy Management** to deploy FineReader to specific computers or a group of domains.
 - b) This method makes it possible to hide specific menu items and commands that require internet access.
- Microsoft System Center Configuration Manager (SCCM)
This method provides the most automation.

Installation on a terminal server

ABBYY FineReader 14 **Terminal Server** license:

1. When you use this method, FineReader is installed on one computer (terminal server). You can use any standard software installation methods, for example "Manually in interactive mode". To select existing user groups and grant them access to ABBYY FineReader 14, use the Windows RemoteApp and CitrixXenApp.
2. You need to activate ABBYY FineReader 14.
3. In addition to remote computers, you can run ABBYY FineReader 14 locally on the terminal server.
4. If you use the **Terminal Server** license type, the maximum number of unique Windows accounts that can access FineReader will be limited. You will be able to remove users from the list if you have reached maximum number of users. You can activate an additional **Terminal Server** license with different licensing parameters from the previous license.

Concurrent license

1. You need to create administrative installation point to installing ABBYY FineReader 14 on the terminal server.
2. You need to use License Manager for activation of the ABBYY FineReader 14.

Deploying ABBYY FineReader 14 in a LAN (installation on more than one computer)

ABBYY FineReader 14 can be installed and used on a local area network.

The automated installation methods give you speed and flexibility when installing ABBYY FineReader 14 Corporate on a local area network, as you do not have to install the program manually on each individual workstation.

ABBYY FineReader can be deployed from any computer running under Microsoft® Windows® 7 (or later).

The deployment process comprises the following steps:

1. **Administrative installation**

- a. Installing ABBYY FineReader 14 License Server and ABBYY FineReader 14 License Manager

For detailed instructions, see [Installing the License Server and the License Manager](#).

Note: The computer on which ABBYY FineReader 14 License Manager is installed becomes a License Administrator Station.

- b. Creating an administrative installation point

For detailed instructions, see [Creating an administrative installation point](#).

Note: You can change the network connection settings used by the License Server, the License Manager, and the workstations. For details, see [How can I change the network connection settings?](#)

Note. The administrative installation point and the License Server can be located either on the same or on different computers.

2. **Managing the licenses**

Licenses are managed by means of ABBYY FineReader 14 License Manager.

For the licenses to be correctly distributed among the workstations when installing ABBYY FineReader 14, you must give certain workstations priority in obtaining certain licenses. For this purpose, reserve licenses and pools of licenses for certain workstations.

A license pool is a set of licenses that provide access to the program. Pools make it easier to manage licenses: for example, you can add multiple licenses to a pool and then reserve the pool for specific workstations instead of reserving each license individually.

For details, see [Managing Licenses](#).

3. **Installing ABBYY FineReader on workstations using one of the following methods:**

- manually in interactive mode
- via the command line
- Active Directory
- Microsoft System Center Configuration Manager (SCCM)

For detailed instructions, see [Deploying a multi-user distribution package with per-seat licenses and automatic activation](#).

Note. The 32-bit version of ABBYY FineReader 14 cannot be installed on a 64-bit system. The same is true for the 64-bit version on a 32-bit system.

Important!

Do not place the License Server into the same folder with the administrative installation point.

Administrative installation folder requirements

1. 1,2 GB free hard-drive space to create an administrative installation point.
2. Read access to the administrative installation folder (e.g. \\MyFileServer\Distribs\ABBYY FineReader 14) for all users on whose computers ABBYY FineReader is to be installed.
3. The server on which the administrative installation point is created must be a file server running under any operating system that supports long file names.
4. When using Active Directory® to deploy ABBYY FineReader 14, the **Domain Computers** accounts must have read permissions for the administrative installation folder.

License Server requirements

1. 100 MB free hard-drive space to create license files and accounts.
2. The server (\\MyLicenseServer) on which the License Server is installed must run under Microsoft® Windows® 10, Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft Windows 7, Microsoft Windows Server 2016, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2008 R2.
3. The number of connections supported by the operating system of the License Server must be at least equal to the total number of potential users of the program (only for Concurrent licenses).

License Administrator Station requirements

1. PC running under Microsoft® Windows® 10, Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft Windows 7, Microsoft Windows Server 2016, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2008 R2.
2. The operating system must support the selected interface language.
3. 100 MB free hard-drive space.

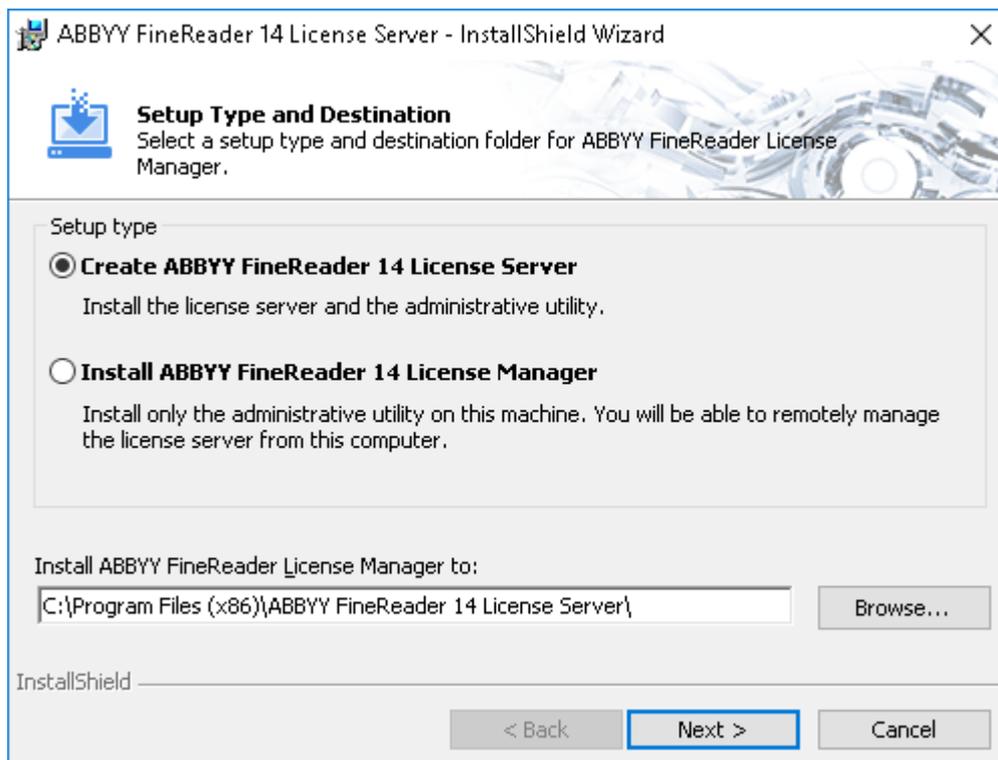
Workstation requirements

1. 1 GHz or faster 32-bit (x86) or 64-bit (x64) processor with SSE2 support.
2. Operating System: Microsoft® Windows® 10, Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft Windows 7, Microsoft Windows Server 2016, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2008 R2. The operating system must support the selected interface language.
3. 1024 RAM (4 GB recommended); in multiprocessor systems, an additional 512 MB of RAM is required for each additional processor.
4. 1.2 GB of hard-drive space for installation of all program components and an additional 1.2 GB for program operation.
5. Video card and monitor supporting a resolution of at least 1024*768.
6. Keyboard and mouse or other pointing device.

Administrative installation with License Server and License Manager

Installing the License Server and the License Manager

1. Place the setup disk into the DVD drive and wait for it to start automatically or run the file **License Server\Setup.exe** on the setup disk or other installation media.
2. Select **Mass Installation > Install and activate using the License Manager > Step 1. Install the License Server and the License Manager** and select the version of the installation point.
3. Follow the instructions of the setup program.
During setup, you can:
 - Install ABBYY FineReader License Server and ABBYY FineReader License Manager. The License Server and the License Manager will be installed on the same computer. You can specify the folder where you want to install the License Manager.
 - Install only ABBYY FineReader 14 License Manager. You will need to specify a folder into which the License Manager is to be installed and specify the name of the computer hosting the License Server.



Notes:

- If several users will be managing the ABBYY FineReader 14 licenses, they must have the License Manager utility installed on their computers.
- Each user must be a member of one of the two local groups on the server:
 1. ABBYY Licensing Administrators
 2. BUILTIN\AdministratorsYou can disable user authorization in the file **%commonprogramfiles%\ABBYY\FineReader\14.00\Licensing\NetworkLicenseServer.ini**
(or

%commonprogramfiles(x86)%

ABBYY\FineReader\14.00\Licensing\NetworkLicenseServer.ini if you are using a 64-bit system)

This file is located on the computer where the License Server has been installed. Add the following parameter to this file:

[Licensing]

EnableManagerAuthorization = false

Important! For the changes to take effect, you must restart the ABBYY FineReader 14 CE Licensing Service.

Creating an administrative installation point

1. Place the setup disk into the DVD drive and wait for it to start automatically or run the file **Setup.exe /a** on the setup disk or other installation media.

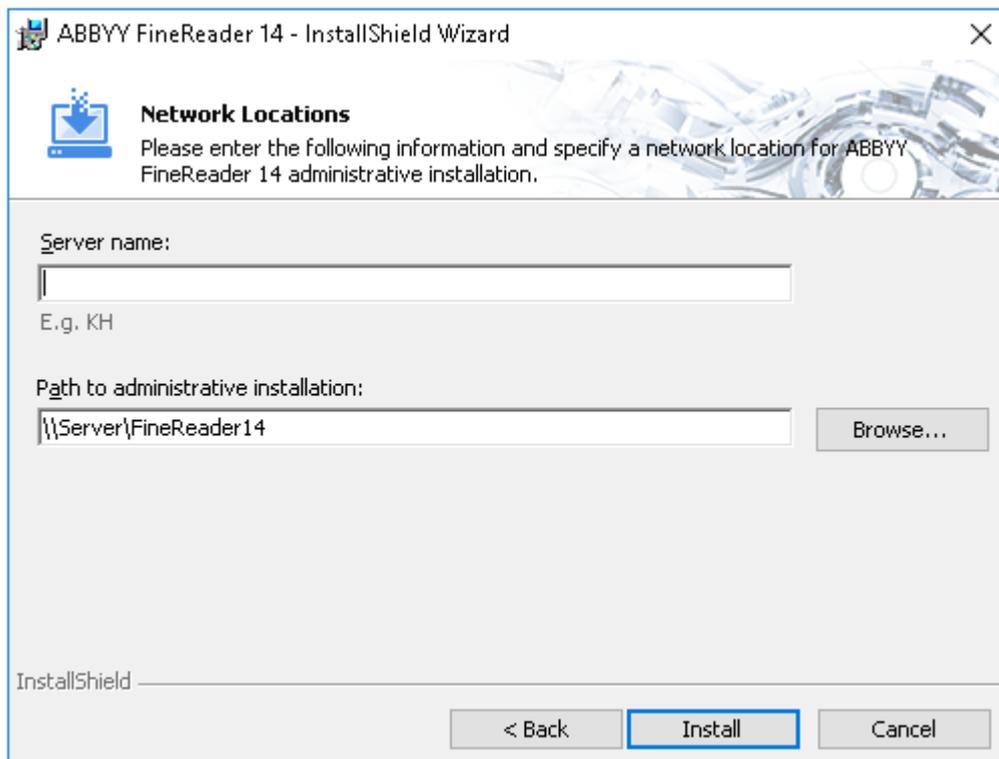
Note: see [Additional command-line options for silent installation](#) with additional options for command line installation

2. Follow the instructions of the setup program.

When the setup program prompts you, specify the following:

- The name of the computer where the License Server is to be installed
- The path to the administrative installation folder

Important! Avoid moving the administrative installation folder after ABBYY FineReader is installed on the workstations.



The screenshot shows the 'Network Locations' step of the 'ABBYY FineReader 14 - InstallShield Wizard'. The window title is 'ABBYY FineReader 14 - InstallShield Wizard'. The main heading is 'Network Locations' with a sub-heading 'Please enter the following information and specify a network location for ABBYY FineReader 14 administrative installation.' Below this, there are two input fields: 'Server name:' with a text box containing a cursor and the example 'E.g. KH' below it; and 'Path to administrative installation:' with a text box containing '\\Server\FineReader14' and a 'Browse...' button to its right. At the bottom of the dialog, there are three buttons: '< Back', 'Install' (which is highlighted with a blue border), and 'Cancel'. The 'InstallShield' logo is visible in the bottom left corner.

Managing Licenses

ABBYY FineReader 14 License Manager is a special application provided with ABBYY FineReader 14 and intended for managing ABBYY FineReader licenses. The application is installed on the License Administration Station when ABBYY FineReader 14 is deployed in a local area network (see [Installing the License Server and the License Manager](#) for details).

Configure your licenses with ABBYY FineReader 14 License Manager:

- 1) **Add your licenses to ABBYY FineReader 14 License Manager.**
An ABBYY FineReader 14 license (or group of licenses) has a unique serial number which identifies it. To activate a license and add it to ABBYY FineReader 14 License Manager, you must activate its serial number.
- 2) **Create license pools and add the necessary licenses to the pools.**
A pool of licenses is a set of licenses or serial numbers of equal standing. License pools make working with licenses easier. For example, instead of reserving each license separately, you can add it into a pool and then reserve the pool for certain workstations.
- 3) **Reserve the pools and licenses for the appropriate workstations.**
Before you install ABBYY FineReader 14 on the workstations, you must distribute the licenses among the workstations, i.e. reserve them for the appropriate workstations by means of ABBYY FineReader 14 License Manager. Once a license is reserved for a workstation, only that workstation will be able to use the license.

Important! Reserve licenses and pools before you start installing ABBYY FineReader 14 on the workstations. To bind or unbind a workstation after ABBYY FineReader has been installed on it, you will need to remove the program from the workstation. To move a per-seat license from one workstation to another after ABBYY FineReader has been installed, you will need to deactivate the license. The number of allowed deactivations is limited.

For more information about license types and about working with ABBYY FineReader 14 License Manager, see the ABBYY FineReader 14 License Manager help file.

Deploying a multi-user distribution package with per-seat licenses and automatic activation

Unlike a regular distribution package, a multi-user distribution package does not require installing the License Server and the License Manager.

Deploying a multi-user distribution package on a local area network comprises the following steps:

1. **Creating a multi-user administrative installation point**
At this step, a multi-user activation key is added to the distribution package, which allows installing ABBYY FineReader on workstations without the need to enter a serial number.
2. **Installing ABBYY FineReader on workstations using one of the following methods:**
 - manually in interactive mode
 - via the command line
 - Active Directory
 - Microsoft System Center Configuration Manager (SCCM).

For detailed instructions, see [Installing ABBYY FineReader 14 on Workstations](#).

Note. The 32-bit version of ABBYY FineReader 14 cannot be installed on a 64-bit system. The same is true for the 64-bit version on a 32-bit system.

Administrative installation folder requirements

1. 1.2 GB free hard-disk space to create an administrative installation point.
2. Read access to the administrative installation folder (e.g. \\MyFileServer\Programs **Distrib\ABBYY FineReader 14**) for all users on whose computers ABBYY FineReader is to be installed.
3. The server on which the administrative installation point is created must be a file server running under any operating system that supports long file names.
4. When using Active Directory® to deploy ABBYY FineReader 14, the Domain Computers accounts must have read permissions for the administrative installation folder.
5. The path should meet the following requirements:
 - The path may not contain any characters outside the code page of the language selected as the default system language for non-Unicode applications.
 - The names of intermediate folders may not start with a space.

Workstation requirements

1. 1 GHz or faster 32-bit (x86) or 64-bit (x64) processor with SSE2 support.
2. Operating System: Microsoft® Windows® 10, Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft Windows 7, Microsoft Windows Server 2016, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2008 R2. The operating system must support the selected interface language.
3. 1024 RAM (4 GB recommended); in multiprocessor systems, an additional 512 MB of RAM is required for each additional processor.
4. 1.2 GB of hard-drive space for installation of all program components and an additional 1.2 GB for program operation.
5. Video card and monitor supporting a resolution of at least 1024*768.
6. Keyboard and mouse or other pointing device.

Creating a multi-user administrative installation point with per-seat licenses

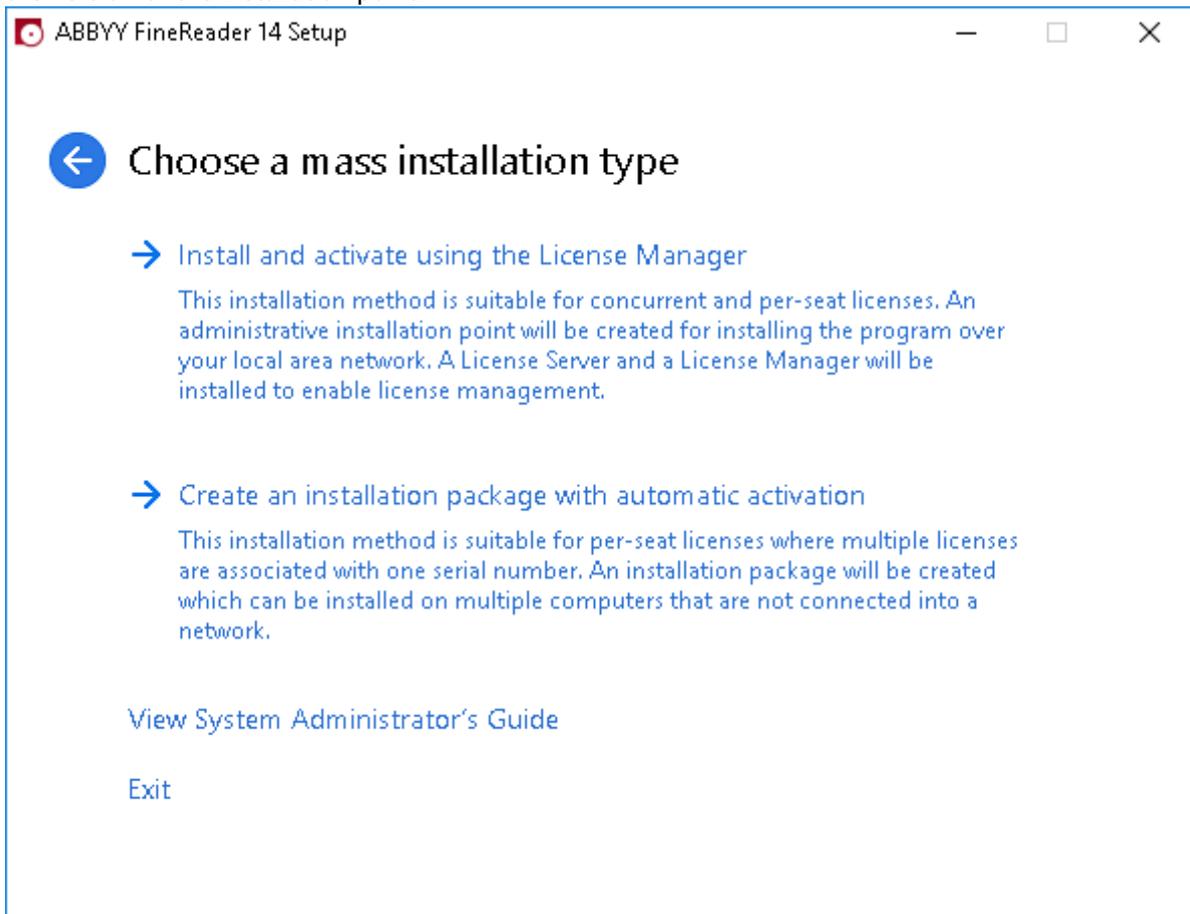
1. Run the **Autorun.exe** file on the ABBYY FineReader 14 DVD-ROM or in the folder where you copied the distribution package.

Or

You can run the file **Setup.exe /a** on the setup disk or other installation media.

Note: see [Additional command-line options for silent installation](#) with additional options for command line installation

2. Click **Mass Installation > Create an installation package with automatic activation** and select the version of the installation point.



3. Follow the instructions of the setup program.
You can create a new administrative installation point with a multi-user activation key: specify the path to the folder where the new administrative installation point will be located. The path should meet the following requirements:
 - The path may not contain any characters outside the code page of the language selected as the default system language for non-Unicode applications.
 - The names of intermediate folders may not start with a space.

As a result, an ABBYY FineReader distribution package will be created which can be installed on workstations without the need to enter a serial number. The product will be activated over the Internet automatically, without asking the user for any confirmation. The workstation on which the product is being installed must be connected to the Internet.

Installing ABBYY FineReader 14 on Workstations

Important! Prior to installing ABBYY FineReader 14 Corporate on workstations, you must:

- Create an administrative installation point and configure licenses using the ABBYY FineReader 14 License Manager (see [Installing the License Server and the License Manager](#), [Creating an administrative installation point](#), [Managing Licenses](#)).

or

- Create a multi-user administrative installation point (see [Creating a multi-user administrative installation point](#)).

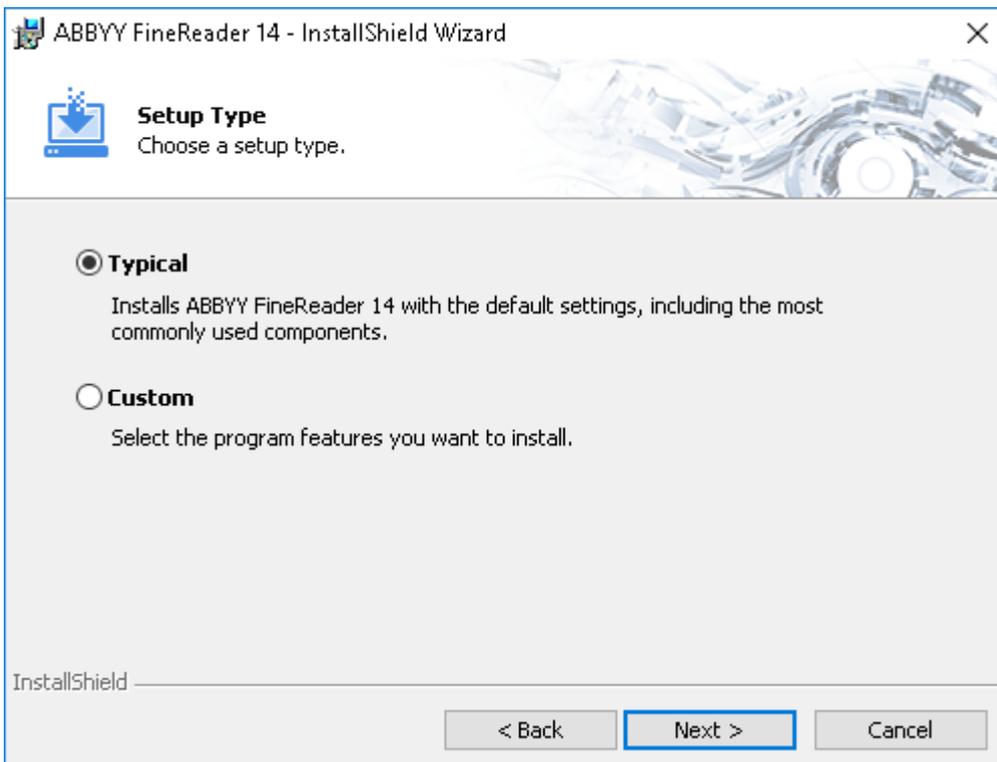
A workstation obtains a per-seat license and is bound to the server only when ABBYY FineReader 14 is installed on it in accordance with the configuration of the licenses at the time of the installation.

Note:

- If a workstation was cloned from another machine, you must change the value of the Security Identifier (SID) before installing ABBYY FineReader to avoid malfunctions of the licensing mechanism.
- ABBYY FineReader requires Microsoft Core XML Services (MSXML) 6.0 to be installed on the workstation.

Interactive installation

1. Create an administrative installation point (see [Administrative installation](#)) or a multi-user administrative installation point (see [Creating a multi-user administrative installation point](#)).
2. Run the **setup.exe** file in the administrative installation folder.



3. Follow the instructions of the setup wizard.

Command line installation

1. Create an administrative installation point (see [Administrative installation](#)) or a multi-user administrative installation point (see [Creating a multi-user administrative installation point](#)).

2. Run the **setup.exe** file in the administrative installation folder using the command line parameters described below.

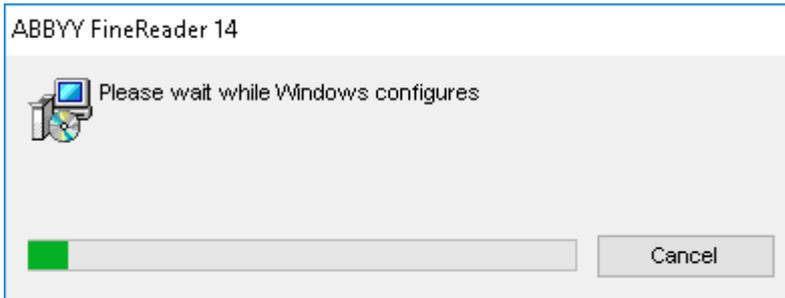
Silent installation

For silent installation, type

Setup.exe /qn

In the case of silent installation, no setup dialog boxes are displayed and the program is installed in default configuration (the interface language is selected automatically based on the regional settings of the computer).

Note: Change **"/qn"** to **"/qb"** if you want an installation progress bar to be displayed. No other dialog boxes will be displayed.



Additional command-line options for silent installation

`/L<language code>` disables automatic selection of the interface language and installs ABBYY FineReader with the interface language specified in the command line.

When you install using msi: `Transforms=<LANGID>.mst`

Possible **language code*** or **LANGID** values:

- 1026 Bulgarian
- 1028 Chinese (Traditional)
- 1029 Czech
- 1030 Danish
- 1031 German
- 1032 Greek
- 1033 English
- 1034 Spanish
- 1036 French
- 1038 Hungarian
- 1040 Italian
- 1041 Japanese
- 1042 Korean
- 1043 Dutch
- 1045 Polish
- 1046 Portuguese (Brazilian)
- 1049 Russian
- 1051 Slovak
- 1053 Swedish
- 1055 Turkish
- 1058 Ukrainian
- 1061 Estonian

1066 Vietnamese

2052 Chinese (Simplified)

*The number of available interface languages depends on the type of your distribution package.

/a – allow to create an administrative installation point

/V"<command line>" passes the specified command line directly to **msiexec.exe**. Instead of the words "command line" you can specify the following:

NO_HF=Yes - prohibits installing ABBYY Hot Folder.

INSTALLDIR="<path>"	Specifies the path to the folder where ABBYY FineReader 14 will be installed
INTEGRATION=0	Prohibits integrating ABBYY FineReader 14 with Microsoft Office applications and Windows Explorer
EXPLORER_INTEGRATION=0	Prohibits integrating ABBYY FineReader 14 with Windows Explorer
SHCTDESKTOP=0	Prohibits creating ABBYY FineReader 14 icon on the desktop
SSR_AUTORUN=0	Prohibits starting ABBYY Screenshot Reader at system startup
DEFAULT_PDF=1	Allow ABBYY FineReader 14 to be default application to open *.PDF files.
DONT_ASK_ABOUT_DEFAULT=1	Prohibits showing ABBYY FineReader 14 dialogs with suggestion to be default application to open *.PDF files.
STATISTICS_ALLOWED=0	Prohibits information about the selected ABBYY FineReader 14 settings to ABBYY over the Internet
CHECK_UPDATES=0	Prohibits checking for updates
INSTALL_UPDATES=0	Prohibits downloading and installing updates
TIPS_ALLOWED=0	Prohibits showing advertising messages
FREEZE_WEB_OPTIONS=1	Prohibits enabling\disabling options in the program that require internet access. ABBYY FineReader 14 need to uninstall and install again with the changed options.
SSR=0	Prohibits installing ABBYY Screenshot Reader
HF=0	Prohibits installing ABBYY Hot Folder
COMPARATOR=0	Prohibits installing ABBYY Compare Documents
SN=<serial number>	Specifies the serial number with automatic activation (for Per Seat license)
LIC_SERVER_NAME=<path>	Specifies the path to the License Server
ADMIN_SETUP=Serial/Server	Runs the administrative installation mode with predefined type. If the value is: ADMIN_SETUP= Serial – will be showed dialog box where you can enter the serial number with automatic activation, ADMIN_SETUP= Server – will be showed dialog box where you can specify the path to the License Server

E.g.:

Setup.exe /qn /L1049 /v INSTALLDIR="C:\ABBYY FineReader 14" STATISTICS_ALLOWED=0

This will install ABBYY FineReader 14 into C:\ABBYY FineReader 14. The menus, dialog boxes and other interface elements will be in Russian. Information about the selected ABBYY FineReader settings will not be sent to ABBYY over the Internet. The set of available OCR languages depends on the type of the distribution package.

Uninstalling ABBYY FineReader 14 in silent mode

```
msiexec /x {F14000CE-0001-0000-0000-074957833700}
```

or

```
msiexec /x {F14000FE-0001-6400-0000-074957833700} for x64
```

Using Active Directory

The Microsoft Windows Server family of operating systems includes the **Active Directory** (AD) service. The **Group Policy** feature of the **Software Installation** component of AD can be used to remotely install software on multiple workstations at the same time.

There are three installation methods in Active Directory:

1. **Publish to User** (not supported)
2. **Assign to User** (not supported)
3. **Assign to Computer**

ABBYY FineReader can only be installed using the **Assign to Computer** method.

Important!

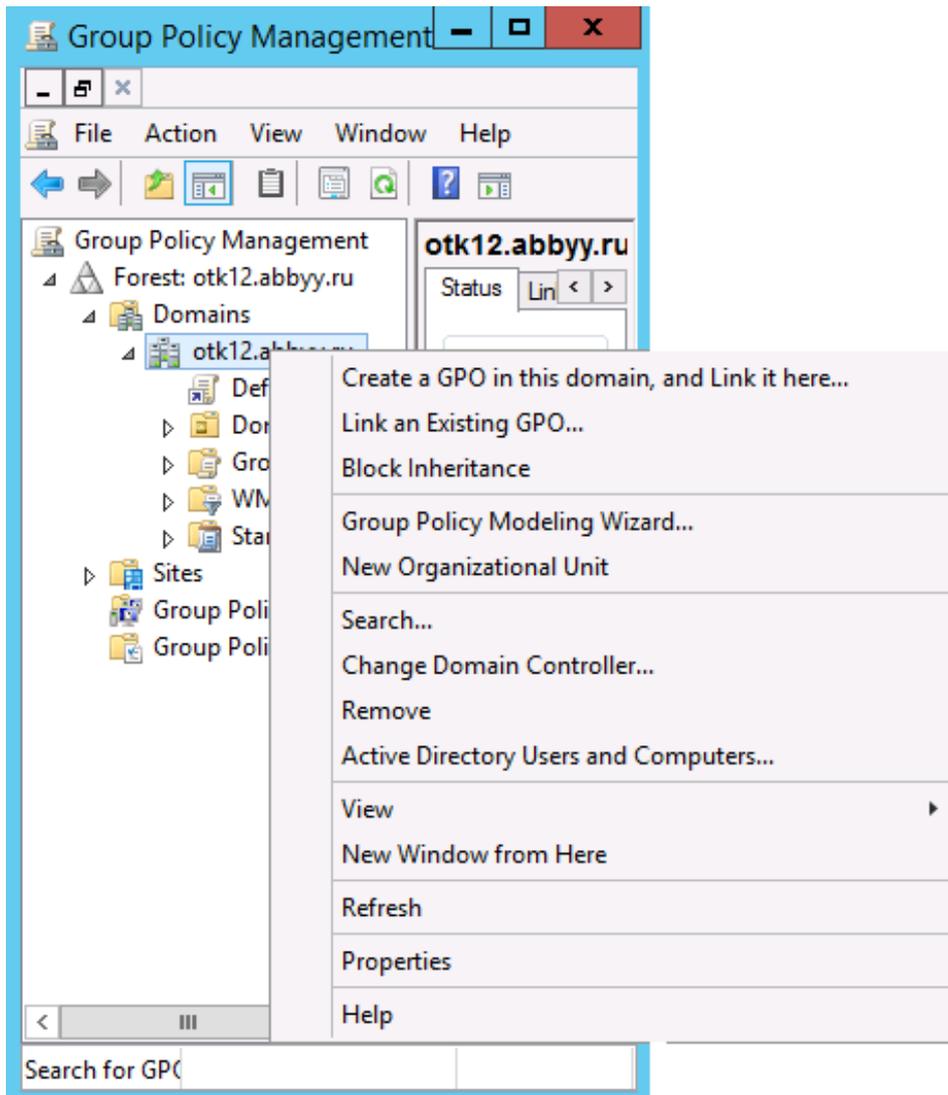
- The installation of FineReader on a workstation will only be completed after the workstation is restarted.
- The following example illustrates deployment under Microsoft Windows Server 2012 R2.

Example: deploying ABBYY FineReader 14 (64-bit or 32-bit) using Active Directory

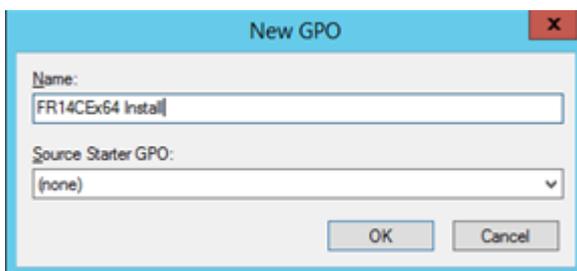
1. Create an administrative installation point (see [Administrative installation](#)) or a multi-user installation point (see [Creating a multi-user administrative installation point](#)).

Note. When using Active Directory® to deploy ABBYY FineReader 14, the Domain Computers accounts must have read permissions for the administrative installation folder.

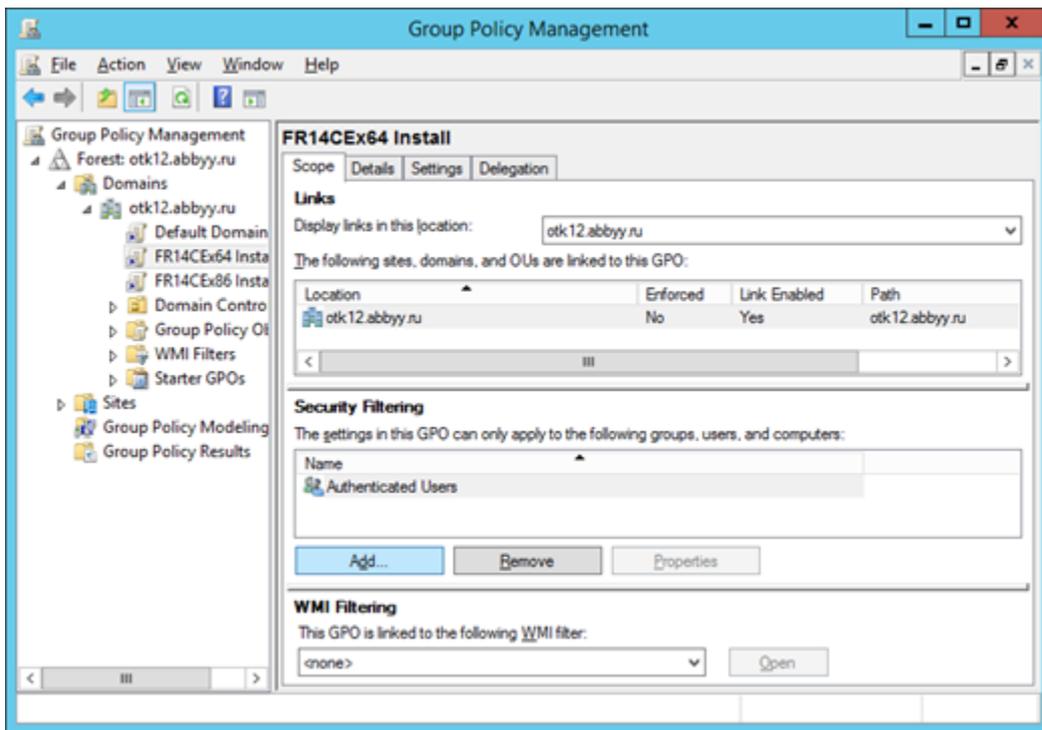
2. Start the **Group Policy Management Console (gpmc.msc)**.
3. In the tree on the left, select a site, domain or other organizational unit that contains a computer or a group of computers. FineReader will be installed on these computers.
4. Right-click the tree node you selected and click **Create a GPO ... and Link it here...** on the shortcut menu



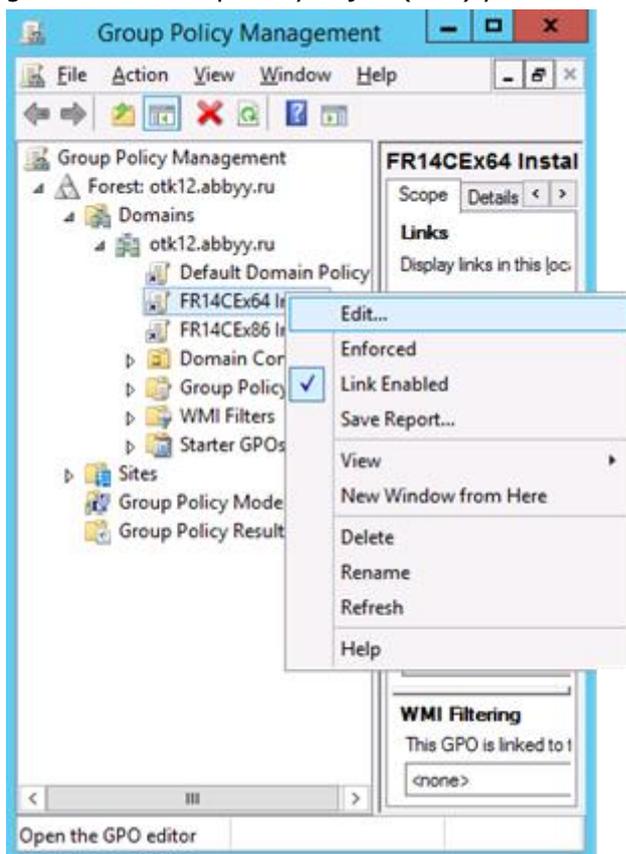
5. Type a descriptive name and click **OK**.



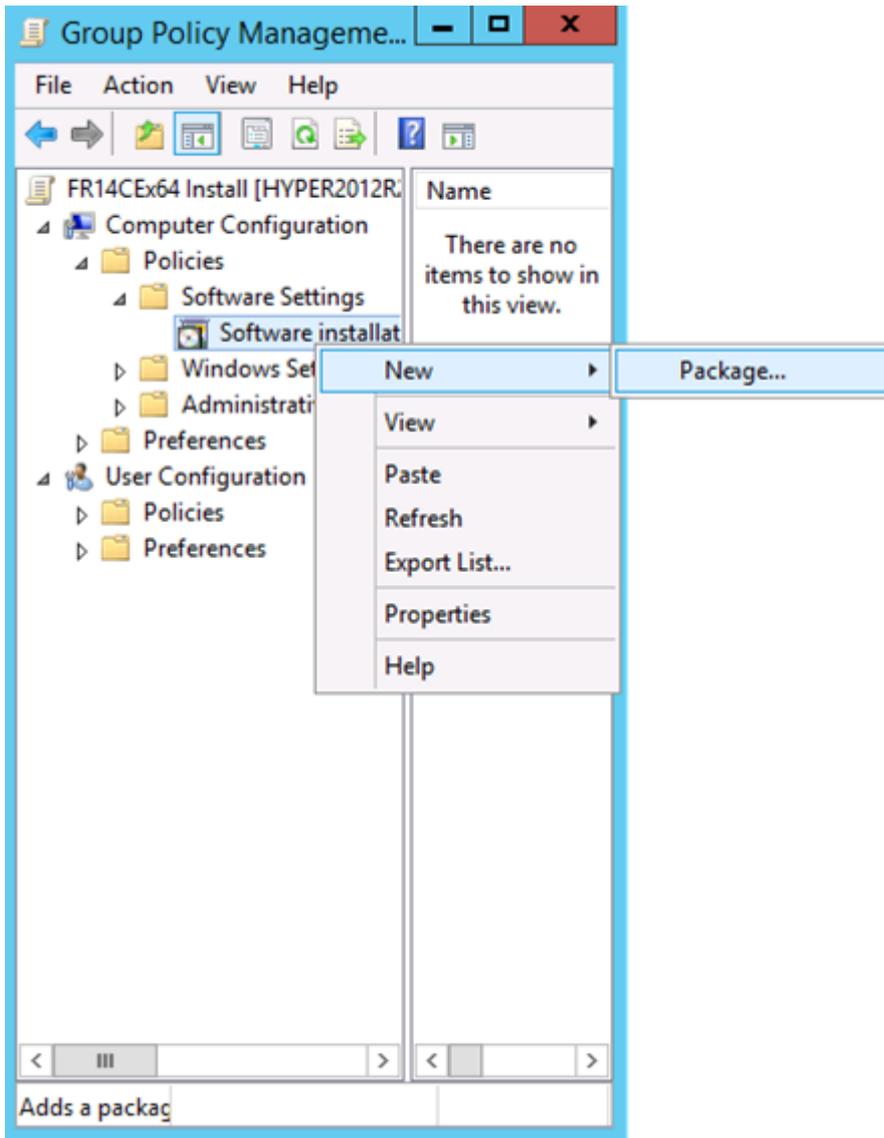
6. Click the **Add...** button in the **Security Filtering** group and specify the groups that contain the computers where you want to install ABBYY FineReader 14.



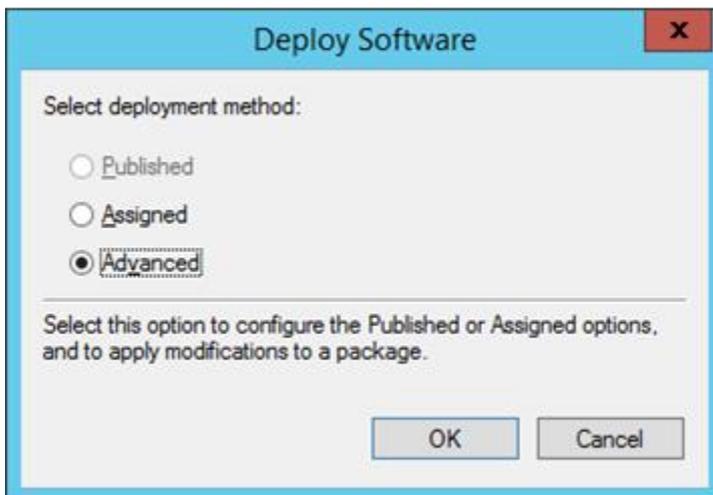
7. Right-click the Group Policy Object (GPO) you created and click **Edit...** on the shortcut menu



8. In the **Group Policy Management Editor** dialog box, click **Computer Configuration>Policies>Software Settings>Software installation**.
9. Click **New>Package...** on the shortcut menu.

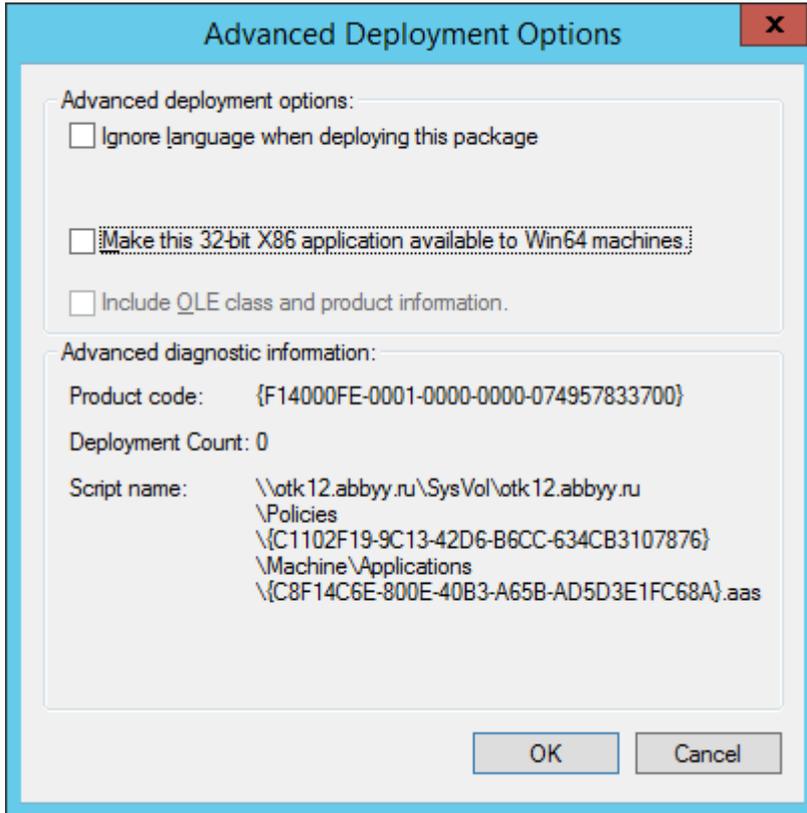


10. Specify the network path to the **ABBYY FineReader 14.msi** file (when installing on 32-bit systems) or the **ABBYY FineReader 14 x64.msi** file (when installing on 64-bit systems). These files are located in the ABBYY FineReader 14 distribution folder on the server.
11. Select the **Advanced** deployment method.

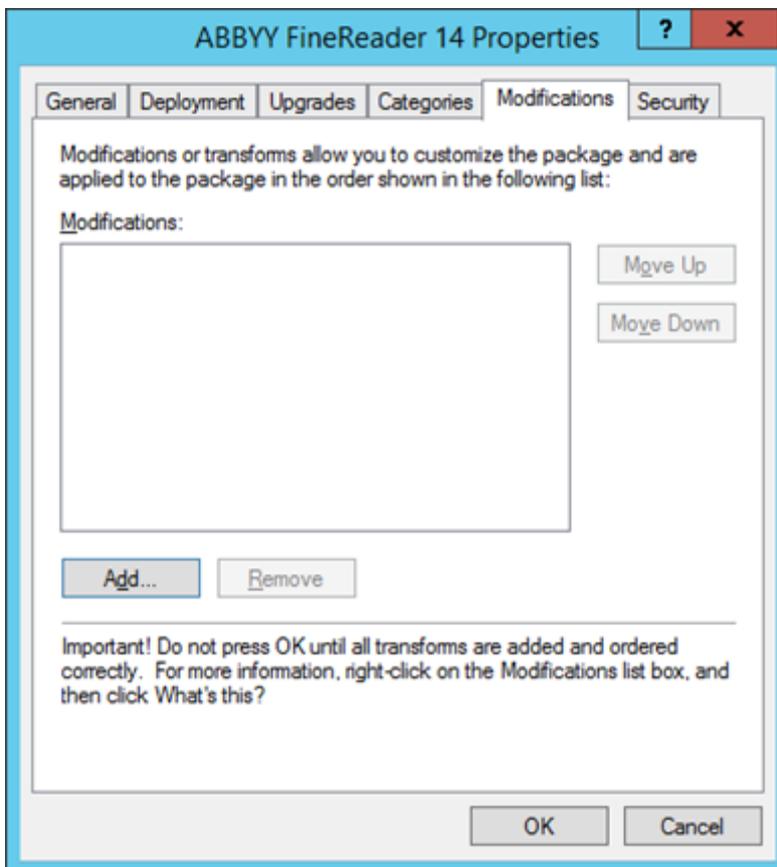


12. A dialog box will open. If you are installing the 32-bit version, click the **Advanced** button on the **Deployment** tab and make sure the **Make this 32-bit X86 application available to Win64**

machines option is disabled.



13. Select the **Modifications** tab and click **Add...**



14. Select the interface language file of the desired ABBYY FineReader 14 interface language. The language files are located in the the administrative installation folder on the server.

File names and their languages:

1026.mst	Bulgarian
1028.mst	Chinese (Traditional)
1029.mst	Czech
1030.mst	Danish
1031.mst	German
1032.mst	Greek
1033.mst	English
1034.mst	Spanish
1036.mst	French
1038.mst	Hungarian
1040.mst	Italian
1041.mst	Japanese
1042.mst	Korean
1043.mst	Dutch
1045.mst	Polish
1046.mst	Portuguese (Brazilian)
1049.mst	Russian
1051.mst	Slovak
1053.mst	Swedish
1055.mst	Turkish
1058.mst	Ukrainian
1061.mst	Estonian
1066.mst	Vietnamese
2052.mst	Chinese (Simplified)

E.g.: To install ABBYY FineReader with the Russian interface, select **1049.mst**.

Using Group Policies to Change the Interface of ABBYY FineReader 14

Menu items that require access to the internet can be disabled in ABBYY FineReader 14. These menu items are listed below:

Enable 'ABBYY Website' menu item: opens the website of ABBYY in a browser window

Enable 'Check for Updates' menu item: checks online for ABBYY FineReader 14 updates

Enable 'Send Feedback' menu item: opens a browser window with a form for sending feedback to ABBYY

Enable Customer Improvement Service: enables participation in the customer experience improvement program

Enable 'Activate...' menu item: begins ABBYY FineReader 14 activation process

Enable 'Register...' menu item: begins ABBYY FineReader 14 registration process

Enable 'Buy...' menu item: opens ABBYY's online store in a browser window

Enable loading ABBYY Tips from the Web: loads ABBYY FineReader 14 tips from the web

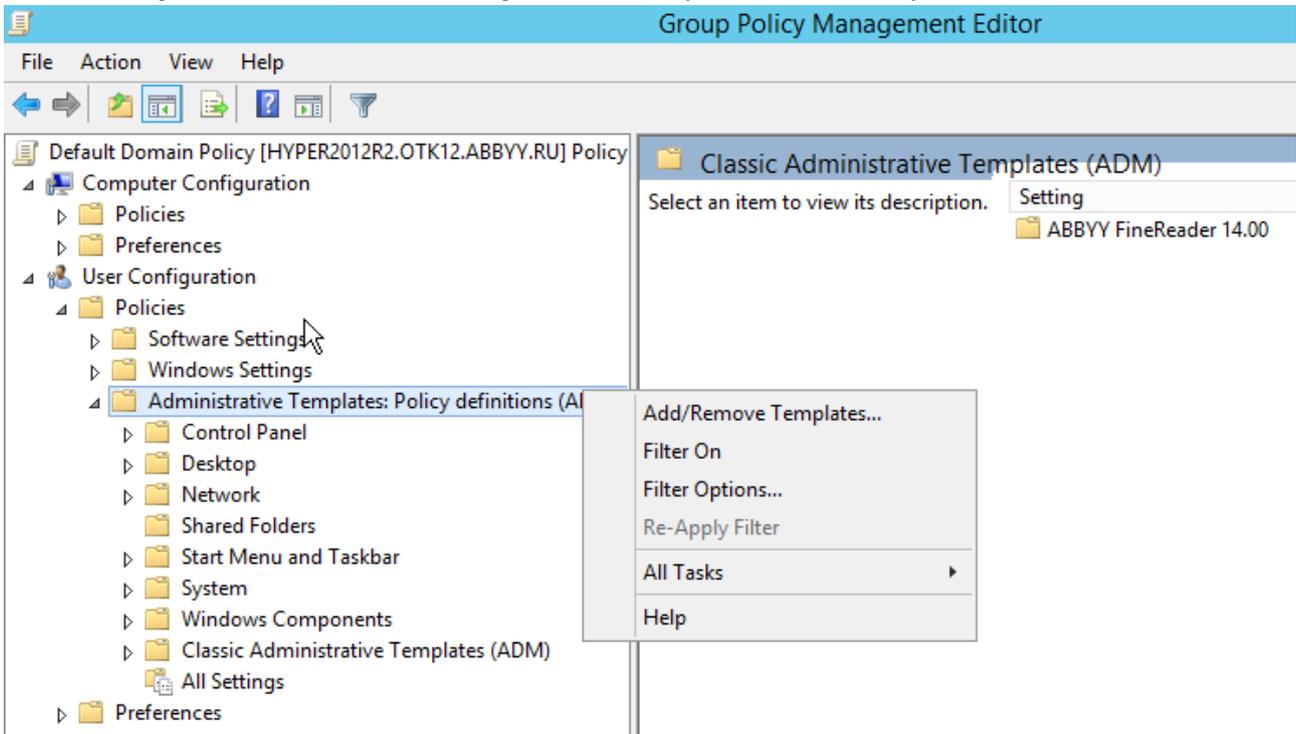
Enable loading updates from the Web: enables downloads of updates

Enable online help: enables viewing the online help

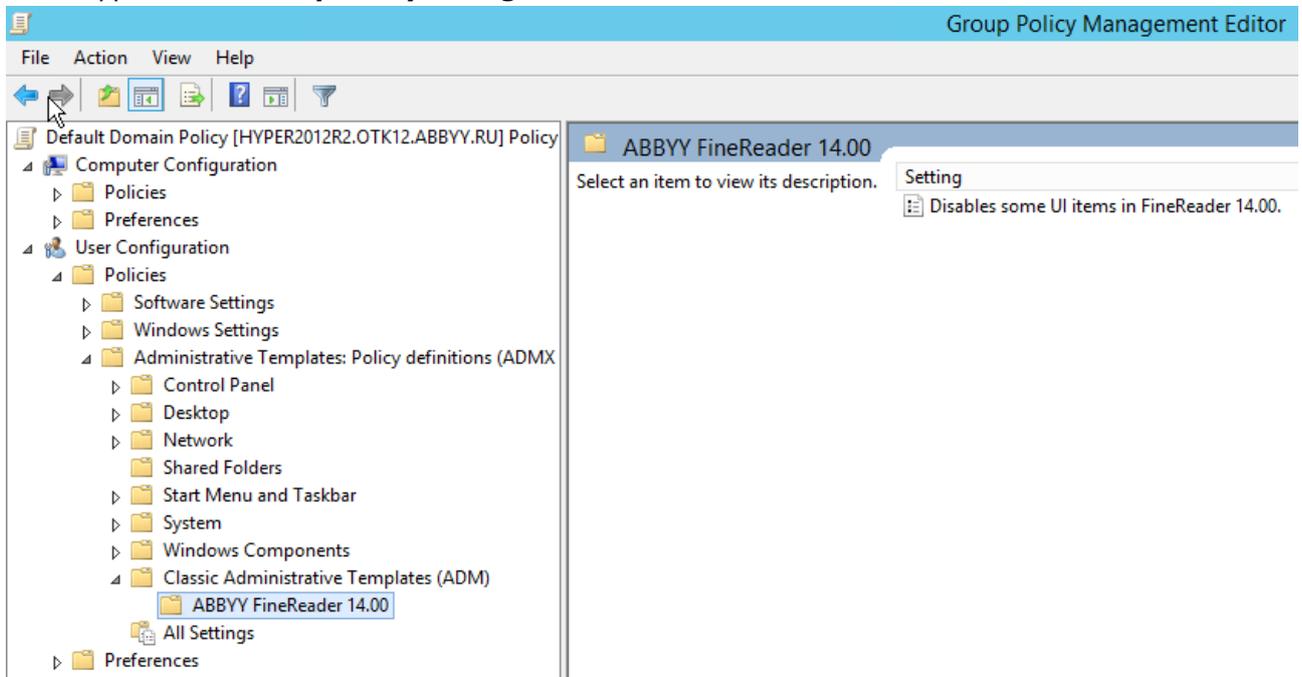
Important! You will need to contact technical support in order to get a file with these settings. This file will have the *.adm extension.

To change the interface of ABBYY FineReader 14, complete the following steps:

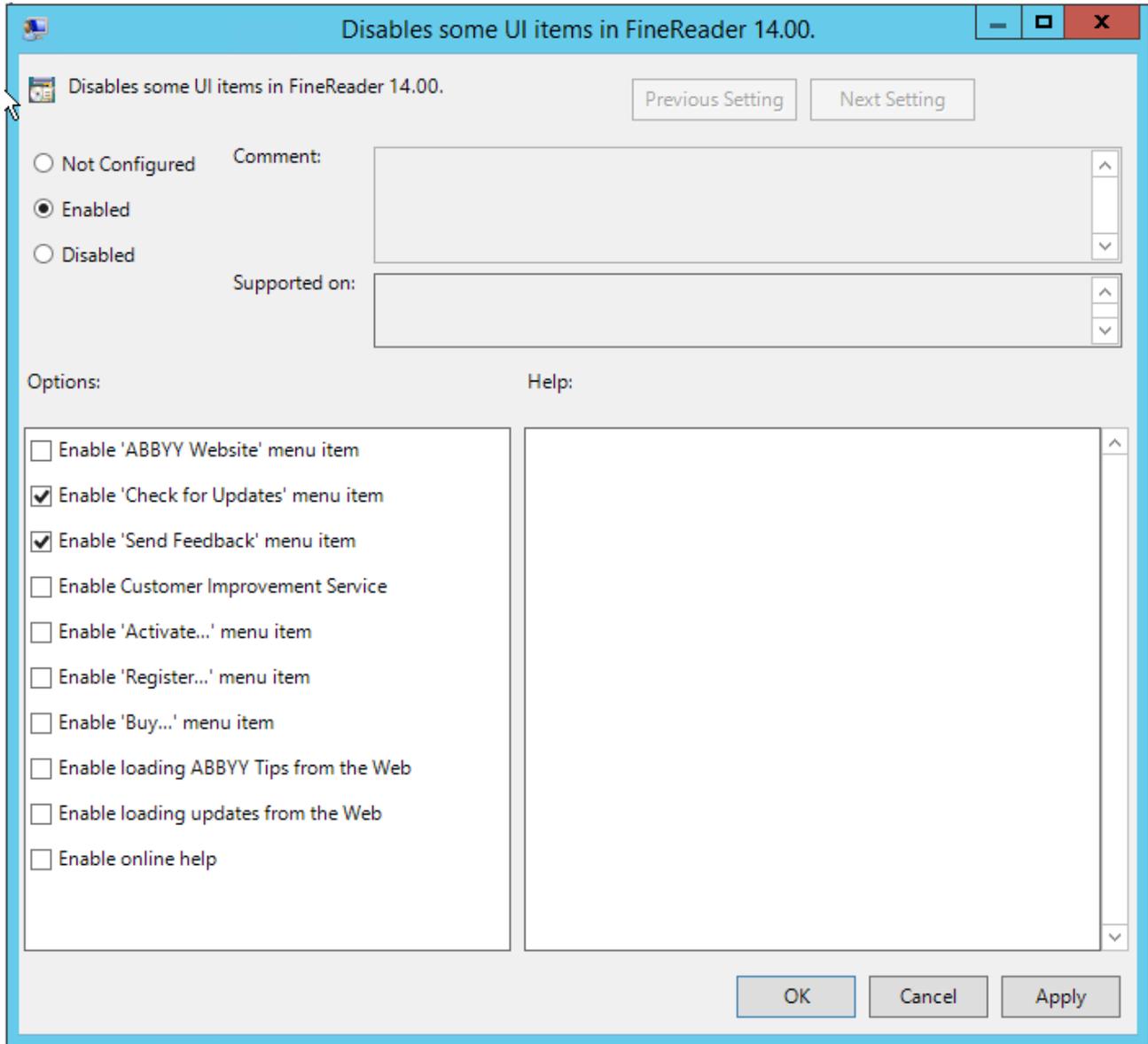
1. Open the **Group Policy Management** console (for details, see steps 4-6 in the [Example: Using Active Directory to deploy ABBYY FineReader 14](#) section).
2. In the **Group Policy Management Editor**, click **User Configuration>Policies>Administrative Templates>Add/Remove Templates...** and open the *.adm file you received.



3. After you have opened the file, a folder named **Classic Administrative Templates (ADM)** will appear in the **Group Policy Management Editor**. This folder contains the *.adm file.



4. Select the command that you want to remove from the interface of ABBYY FineReader 14 and click **OK**.



5. To save the changes you made, update the group policies on the server and restart ABBYY FineReader 14 on the workstation.

Note. The options listed above can also be disabled in ABBYY Hot Folder, ABBYY Compare Documents and ABBYY Screenshot Reader. Contact technical support to get *.adm files for these products.

Using Microsoft System Center Configuration Manager (SCCM)

Microsoft System Center Configuration Manager automates software deployment in a local area network and eliminates the need to go directly to the locations where the software is to be installed (computers, groups, or servers).

Software deployment using SCCM comprises three stages:

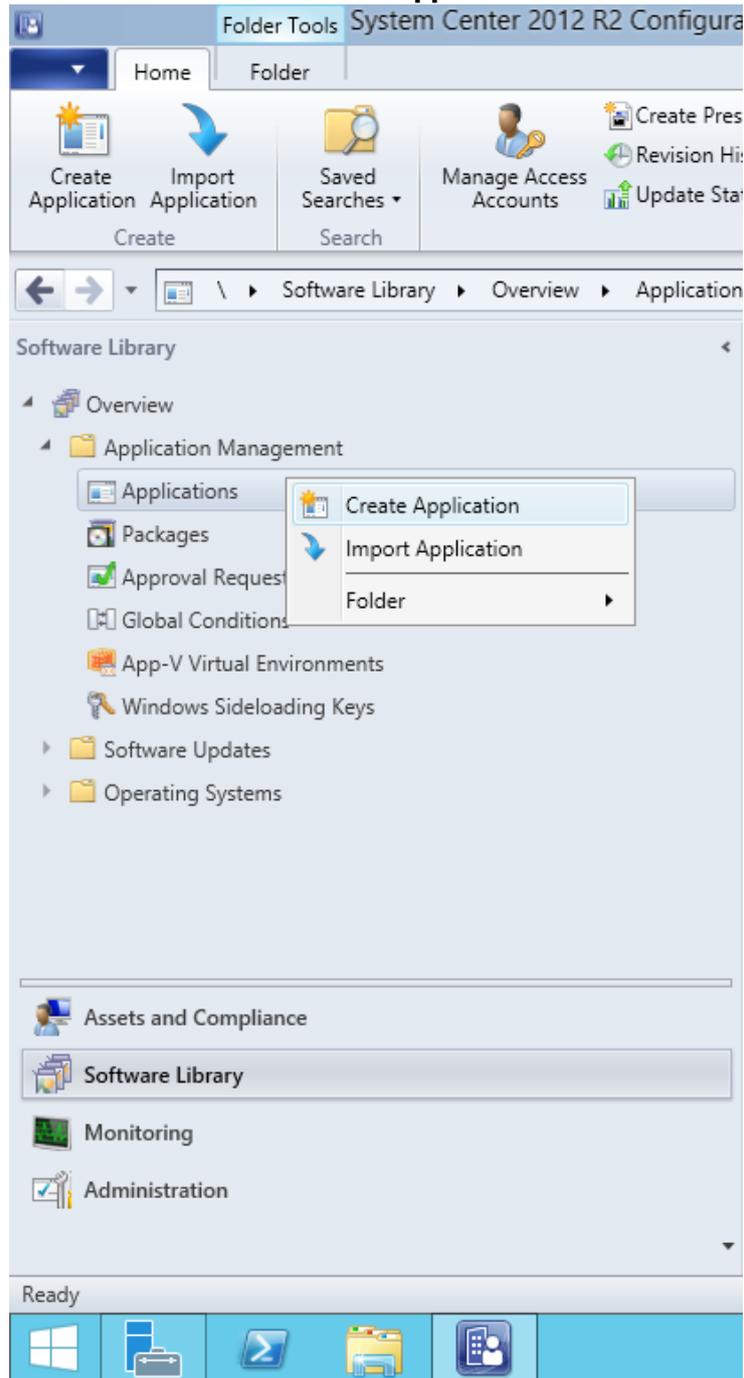
1. Preparing ABBYY FineReader 14 for automated installation (creating so-called "unattended setup").
2. Creating a deployment script, i.e. choosing installation parameters:
 - computer names
 - time of installation
 - conditions for installation

3. Installing the software on the specified computers by SCCM in accordance with the installation parameters specified in the script.

Example: Using SCCM to deploy ABBYY FineReader 14

This example illustrates the deployment process on Microsoft Windows Server 2012.

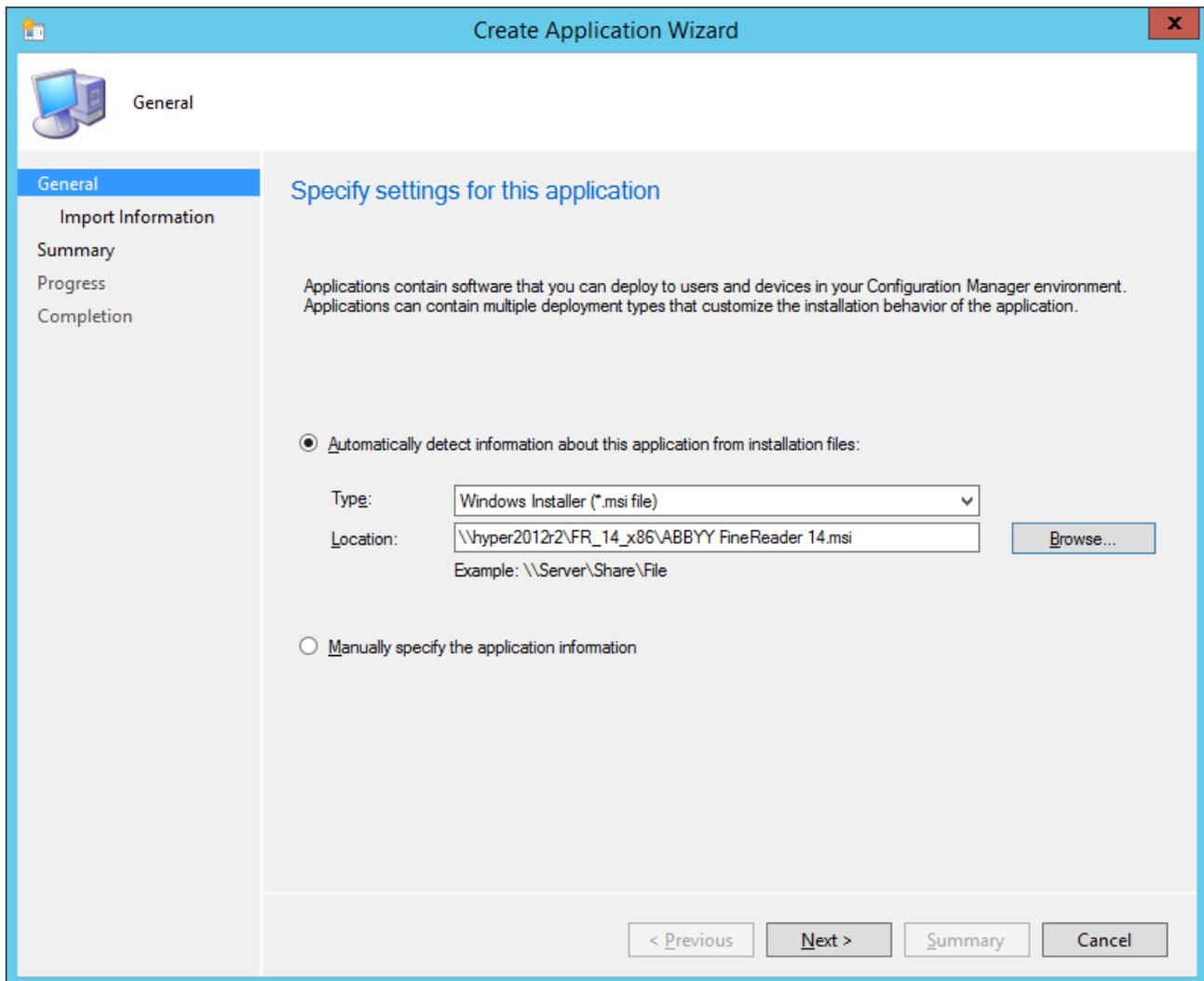
1. Create an administrative installation point (see [Administrative installation](#)) or a multi-user administrative installation point (see [Creating a multi-user administrative installation point](#)).
2. Start the **SCCM Administrator Console** and select the **Software Library** section.
3. Select the **Applications** item in the **Application Management** group.
4. Right-click the **Applications** item and click **Create Application** on the shortcut menu.



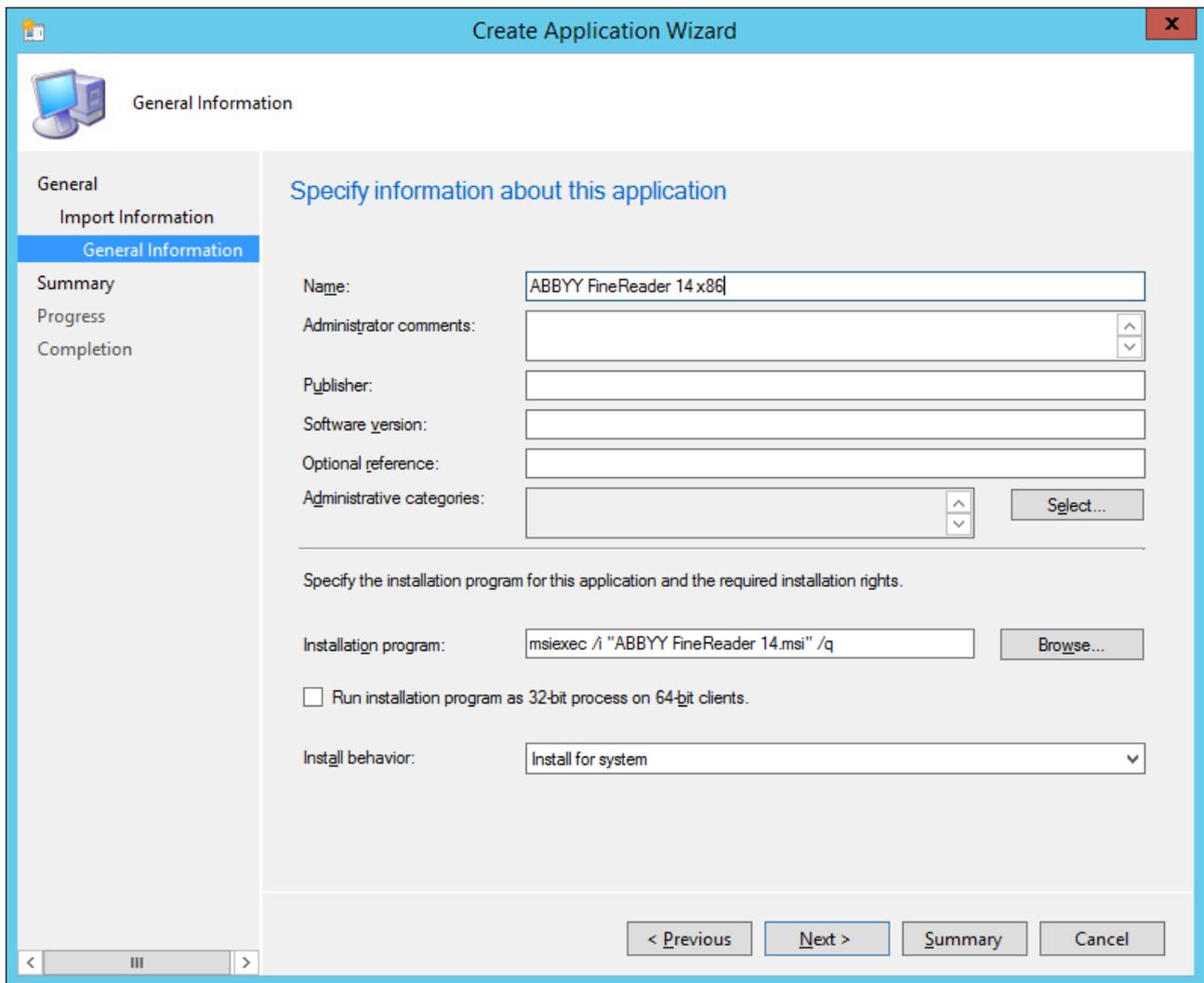
5. In the **Create Application Wizard** dialog box, select **Automatically Detect information about this application from installation files**. Select **Windows Installer (*.msi file)** from the **Type** drop-

down list. Specify the path to the administrative installation point in the **Location** box and click **Next**.

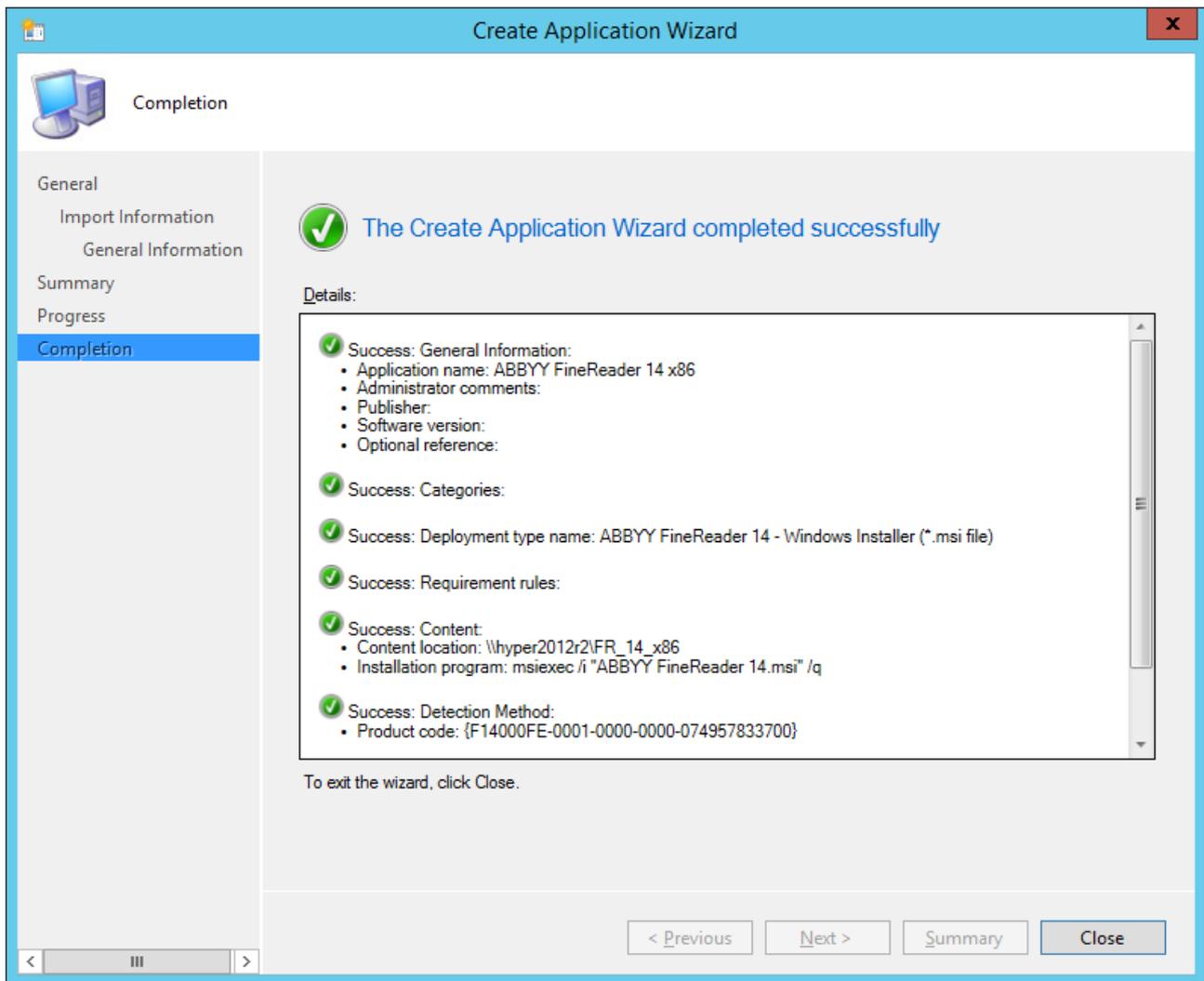
Note. The 32-bit version of ABBYY FineReader 14 cannot be installed on a 64-bit system. The same is true for the 64-bit version on a 32-bit system.

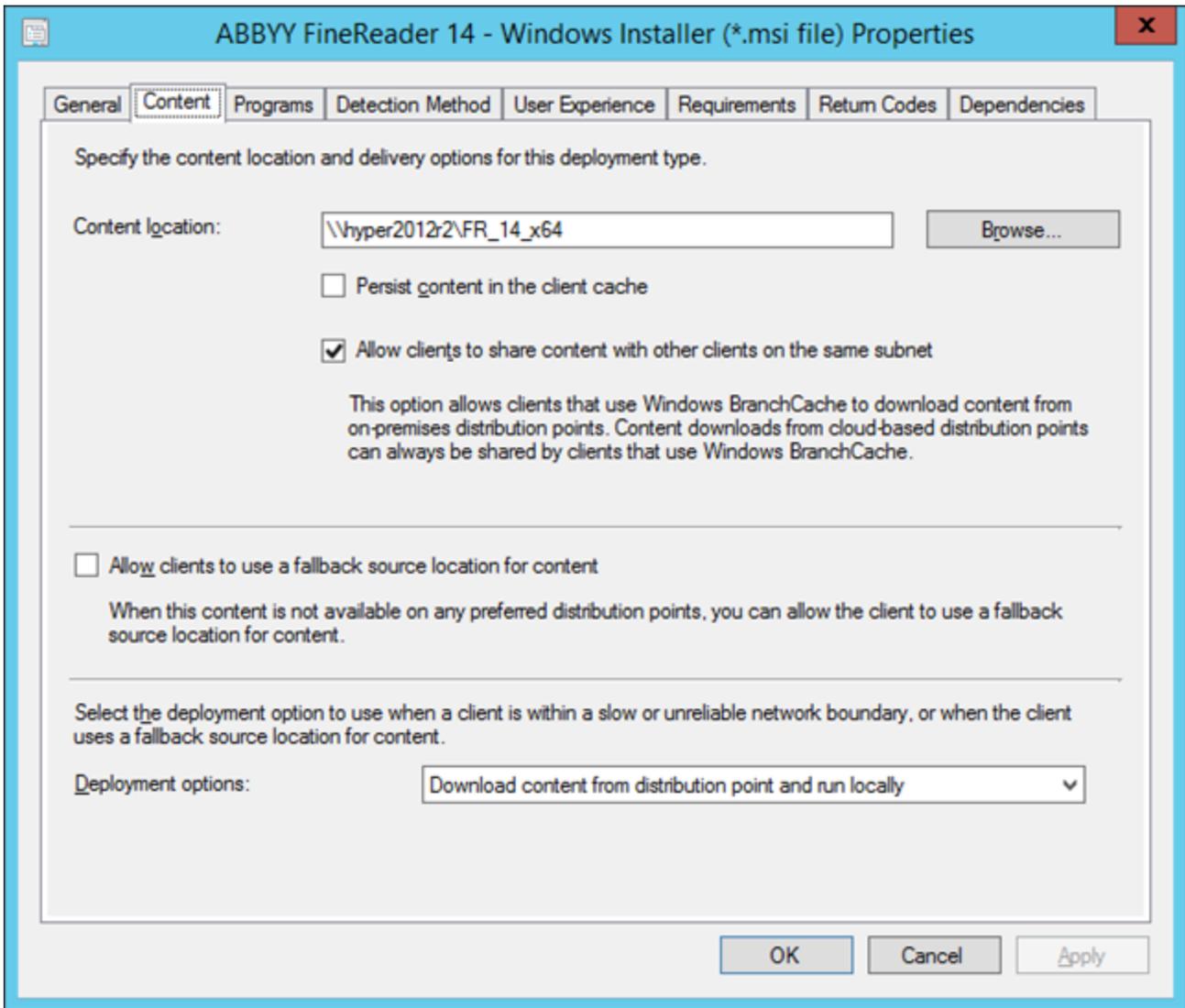


6. Specify any required information about ABBYY FineReader. Do not make any changes in the **Installation Program** field. Click **Next**.

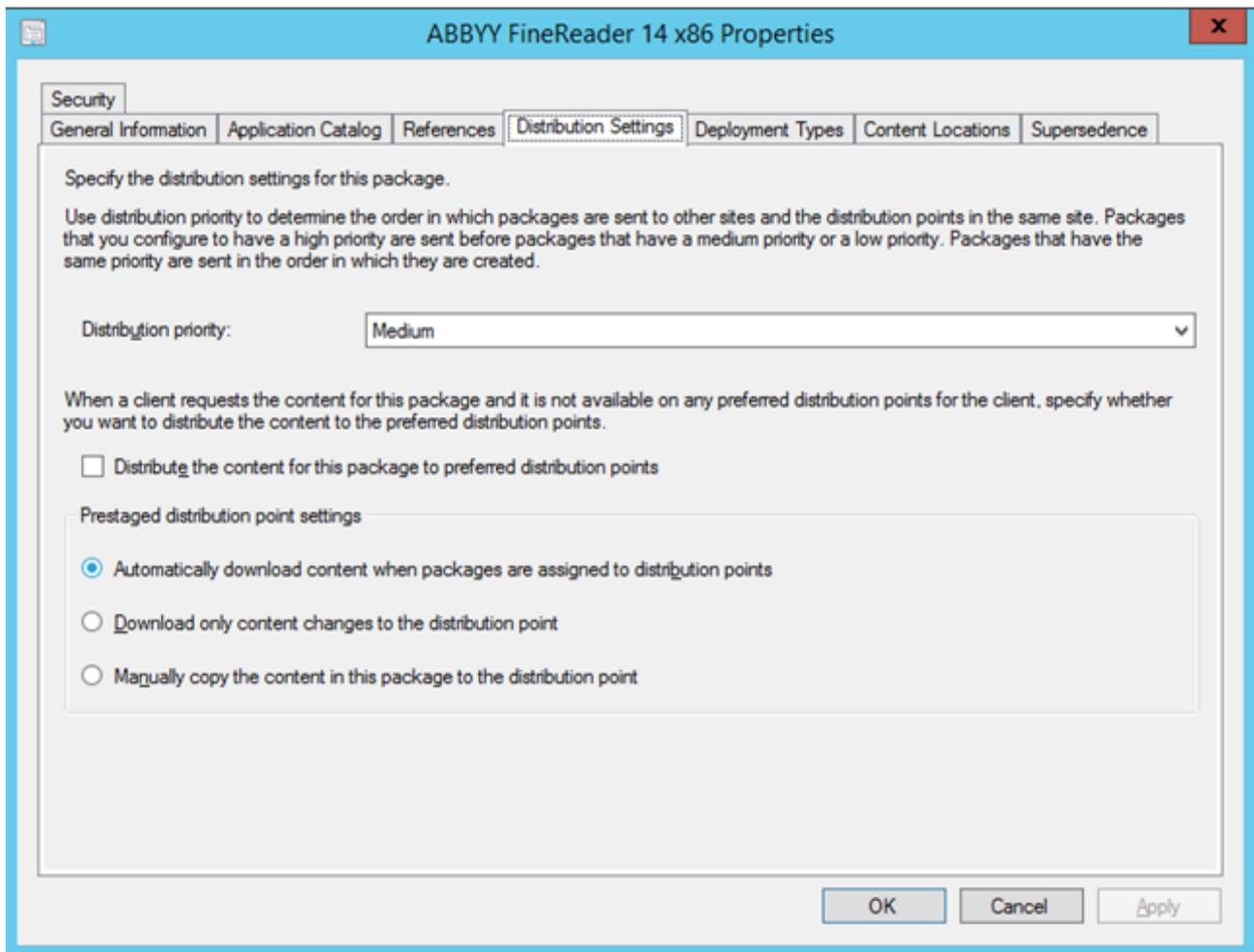


7. Check that the application has been created successfully and close the Create Application Wizard.





8. To automatically upload installation files to workstations:
 - a. Right-click the application you created and click **Properties** on the shortcut menu.
 - b. In the dialog box that opens, select the **Distribution Settings** tab and enable the **Automatically download content when packages are assigned to distribution points** option.



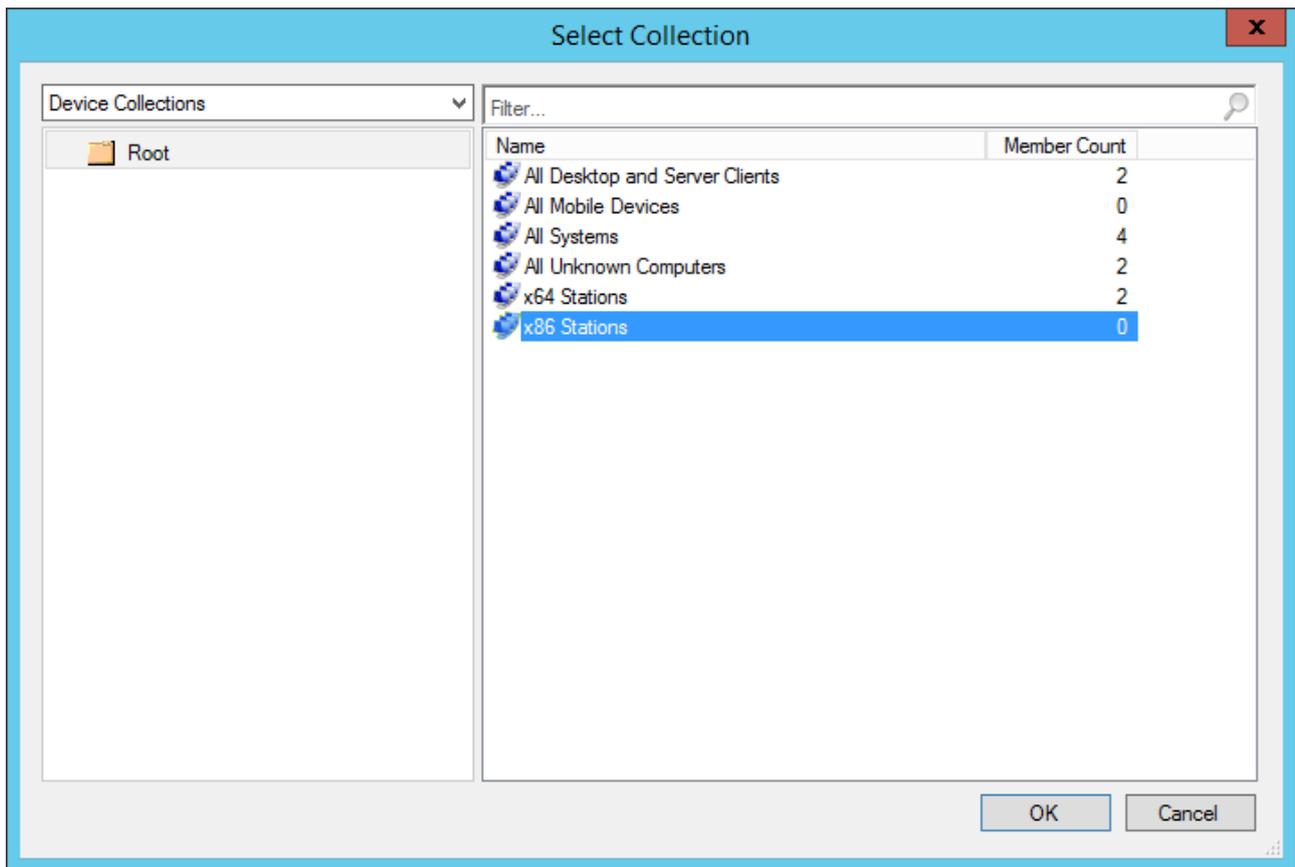
9. **Recommended settings:**

On the **Deployment Types** tab, select the ABBYY FineReader 14 Windows Installer and click **Edit**. In the properties dialog box, select the **Content** tab and set **Deployment options** to **Download content from distribution point and run locally**.

10. To deploy the application to workstations, right-click it and click **Deploy** on the shortcut menu. Select the desired **Device Collection** in **Collection**.

Note: **User Collection** installations are **not supported**.

11. Complete the rest of the deployment process as usual.



Installing ABBYY FineReader 14 on a Terminal Server

The Terminal Server license

Terminal Server licenses allow limiting the maximum number of ABBYY FineReader 14 users. The total number of users can be monitored by the administrator using Windows credentials. When the maximum number of users has been reached, the administrator can:

1. Remove specific users from the list in the **License users** dialog. Open menu **Help > About... > Licenses** in the ABBYY FineReader 14 and right click on the corresponding **Terminal Server** license and select **License users** item.
2. Activate an additional license on the same terminal server. When users connect first time they will get a session using a free license chosen at random.

Installation

ABBYY FineReader 14 deployment was tested on Citrix XenApp 7.0 and later and Windows Server 2012 R2 with Windows Remote Desktop Services 7.0 (setup was performed using Windows RemoteApp and Citrix XenApp). Both of these solutions can be used with any version of ABBYY FineReader 14.

ABBYY FineReader 14 does not support application streaming.

The Terminal Server license

1. Install ABBYY FineReader 14 on the terminal server. You can use standard software installation methods or perform administrative installation. You will not need to install the License Server with this license type.
2. Activate ABBYY FineReader 14.
3. Setting up Windows RemoteApp or Citrix XenApp to use the **Installed application accessed from a server** scenario.

Note. You can run ABBYY FineReader 14 on the terminal server locally.

The Concurrent license

1. Perform administrative installation.
The License Server and the License Manager can be installed on any computer in the local area network. See [Administrative installation](#) for details.
Note. The License Server can be installed on the terminal server.
2. Launch the License Manager.
3. Add all your licenses in the License Manager.
4. Install ABBYY FineReader 14 from the administrative installation folder onto the terminal server.

ABBYY FineReader will be installed on the terminal server as if it was a workstation. Users will be able to connect to the server and use FineReader via a client. The number of simultaneous connections will be limited by a **Concurrent** license.

Note. If a user starts ABBYY Screenshot Reader or another bundled application without starting FineReader, a **Concurrent** license will still be allocated to the user.

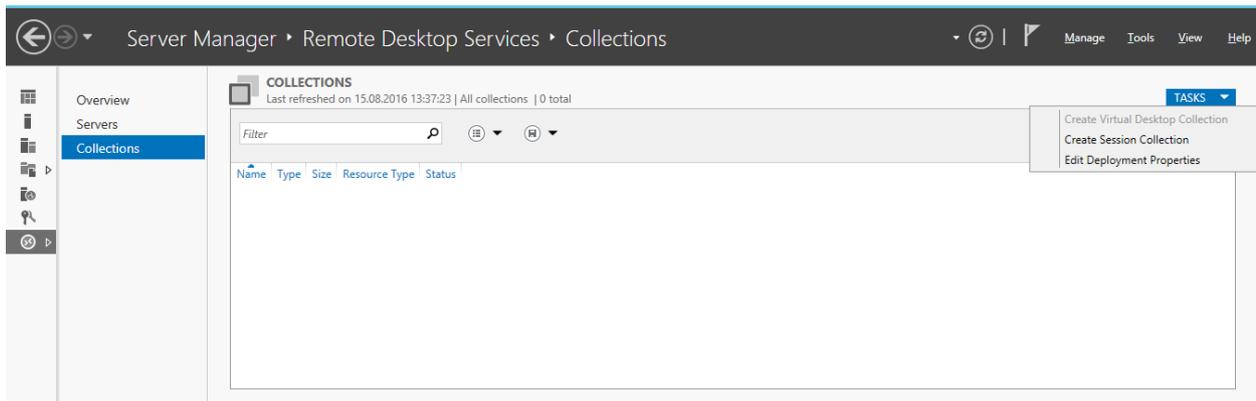
Setting Up Windows RemoteApp

ABBYY FineReader 14 can be deployed using RemoteApp. The instructions below explain how to set up RemoteApp on Microsoft Windows Server 2012 R2.

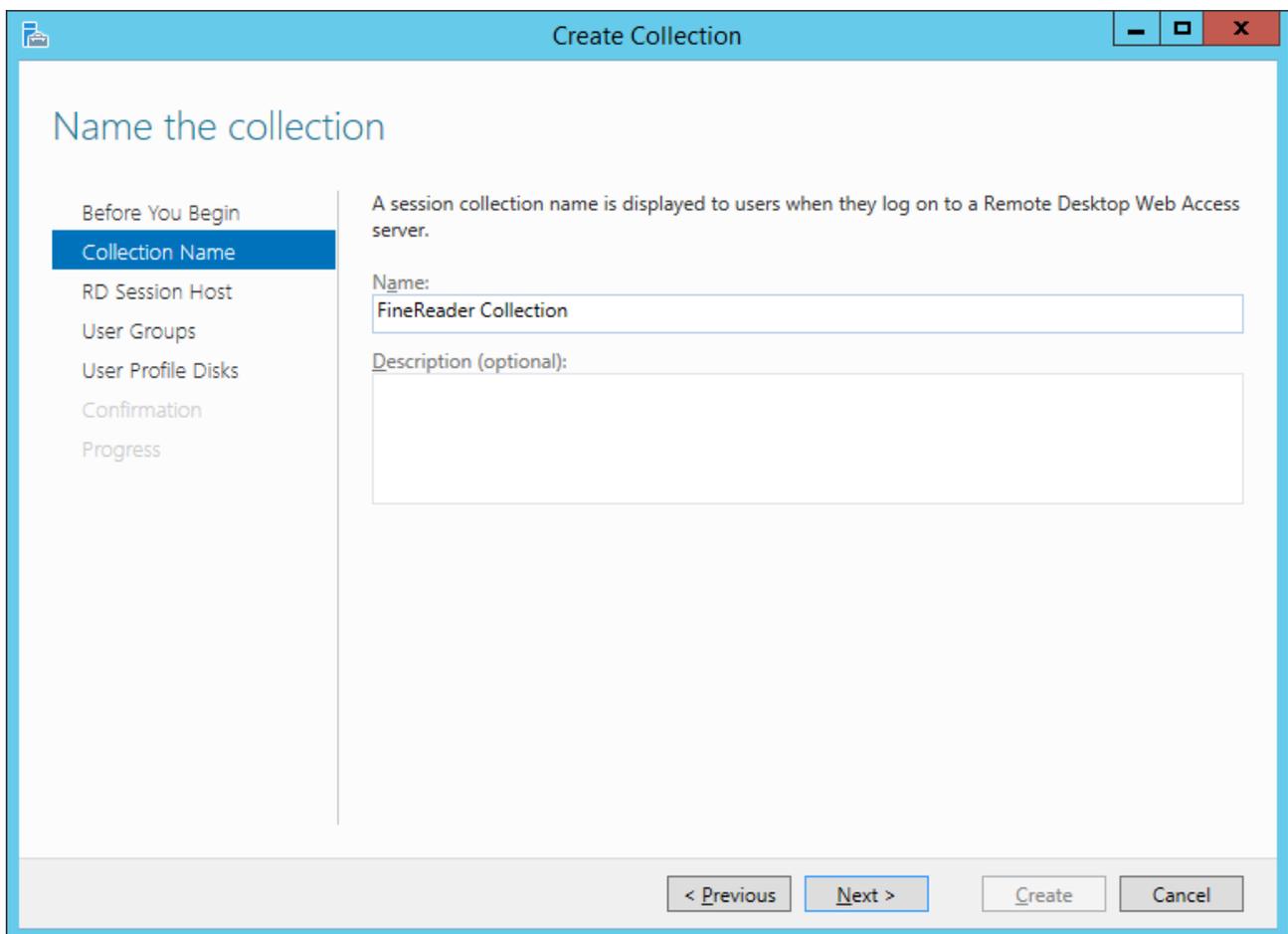
Install ABBYY FineReader 14 on the server.

Create a session collection:

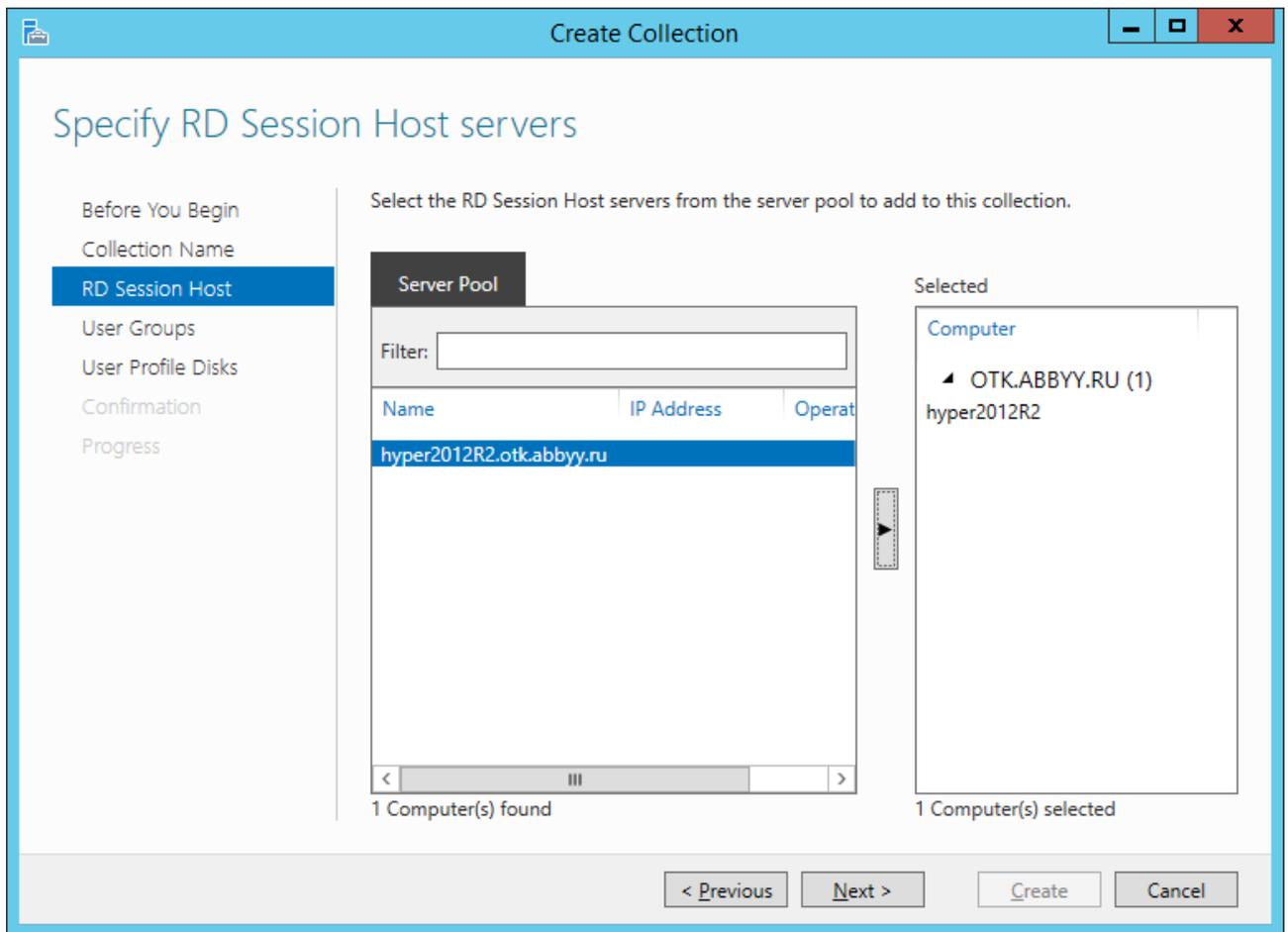
1. Open the **Server Manager** and click **Remote Desktop Services > Collections**.
2. Click **TASKS>Create Session Collection**.



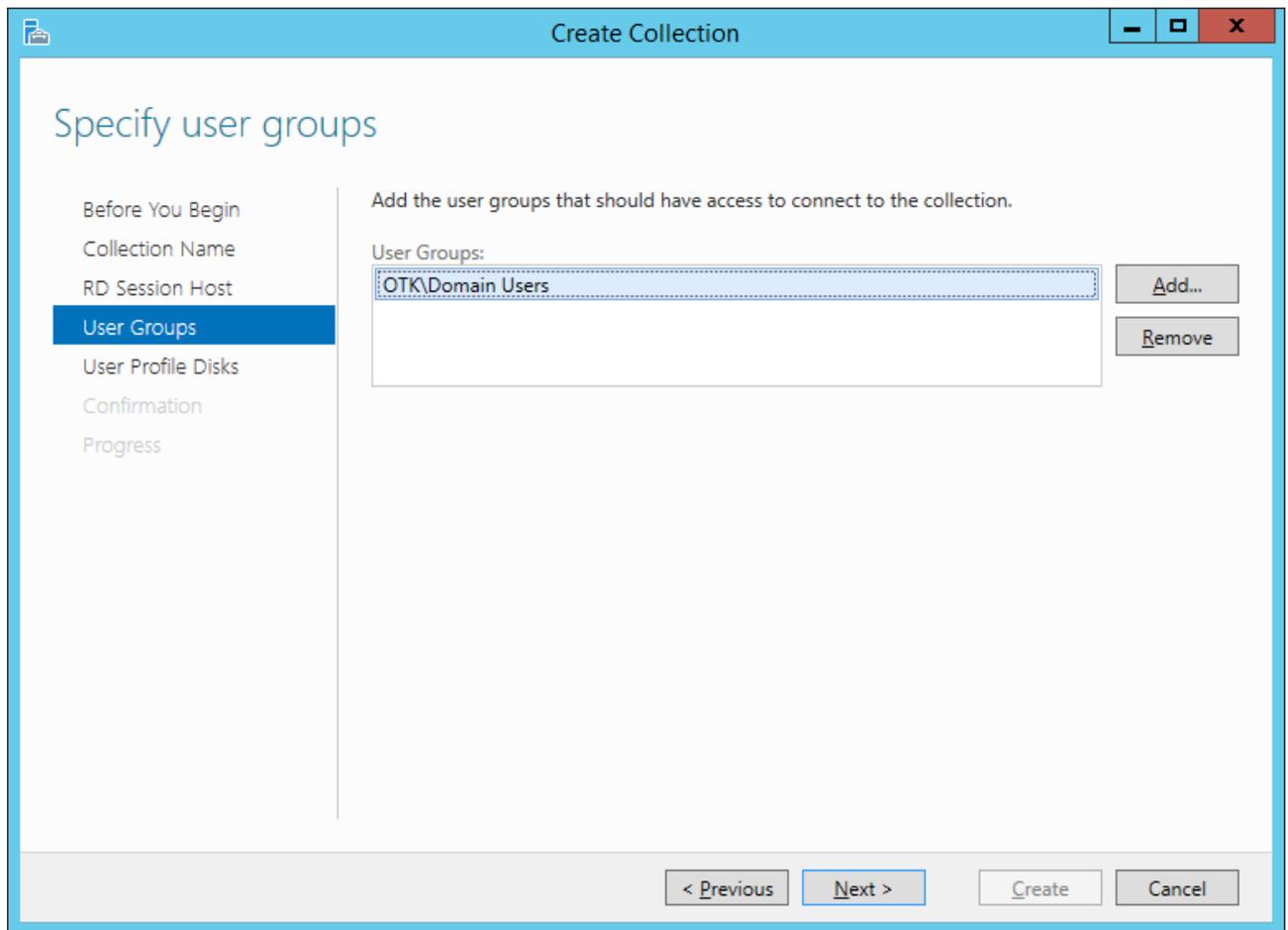
3. Specify the name of the collection.



4. Select the servers that will run the applications.



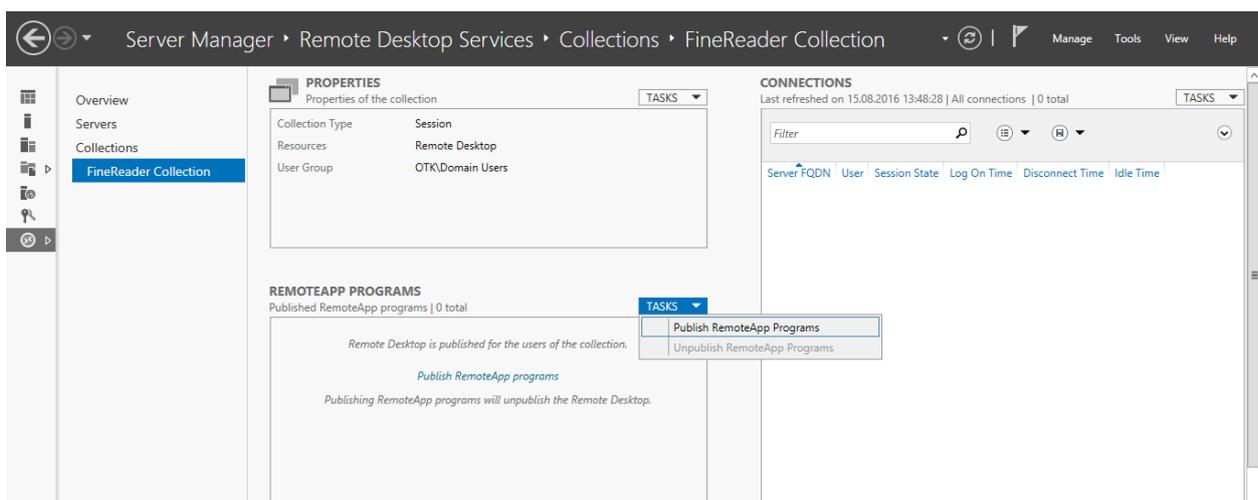
5. Select the groups that will have access to the applications.



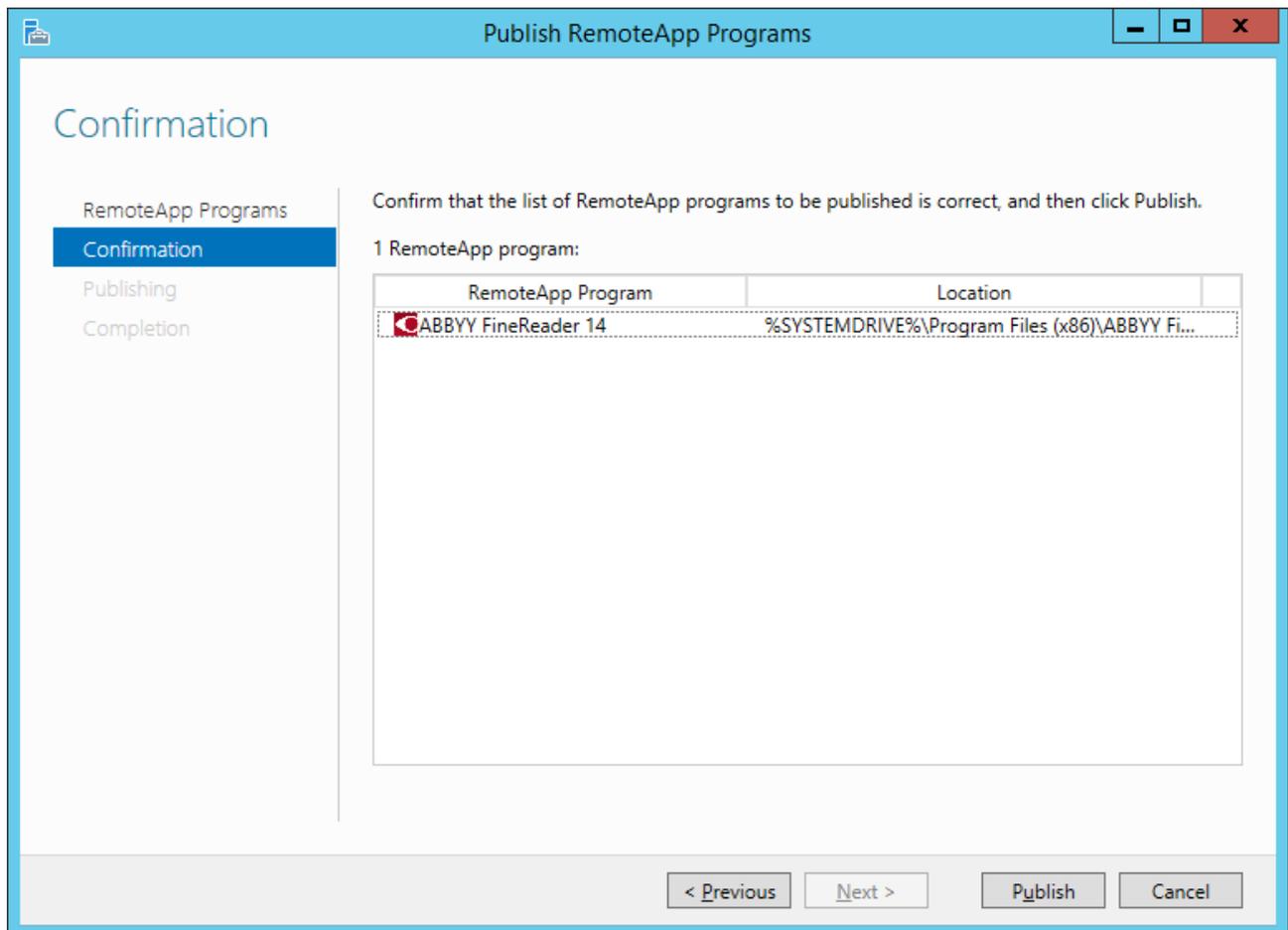
6. Specify whether you would like to add a **User Profile Disc**.
7. Click **Create**.

Add ABBYY FineReader 14 to the collection:

1. Open the **Server Manager** and click **Remote Desktop Services>Collection>[name of collection]**.
2. Click **TASKS>Publish RemoteApp Programs**



3. Select ABBYY FineReader 14 and click **Next**.



4. Click **Publish**.

Setting up Citrix XenApp

When deploying ABBYY FineReader 14 using Citrix XenApp, use the **Installed application accessed from a server** scenario.

To deploy ABBYY FineReader 14 Corporate:

1. Install FineReader on all servers in the Delivery Group of the Citrix farm*.
2. Create a Licensing Server with a sufficient number of **Concurrent** licenses. The number of users who will be able to use FineReader at the same time will be limited to the number of installed **Concurrent** licenses.

Note. If a user starts ABBYY Screenshot Reader or another bundled application without starting FineReader, a **Concurrent** license will still be allocated to the user.

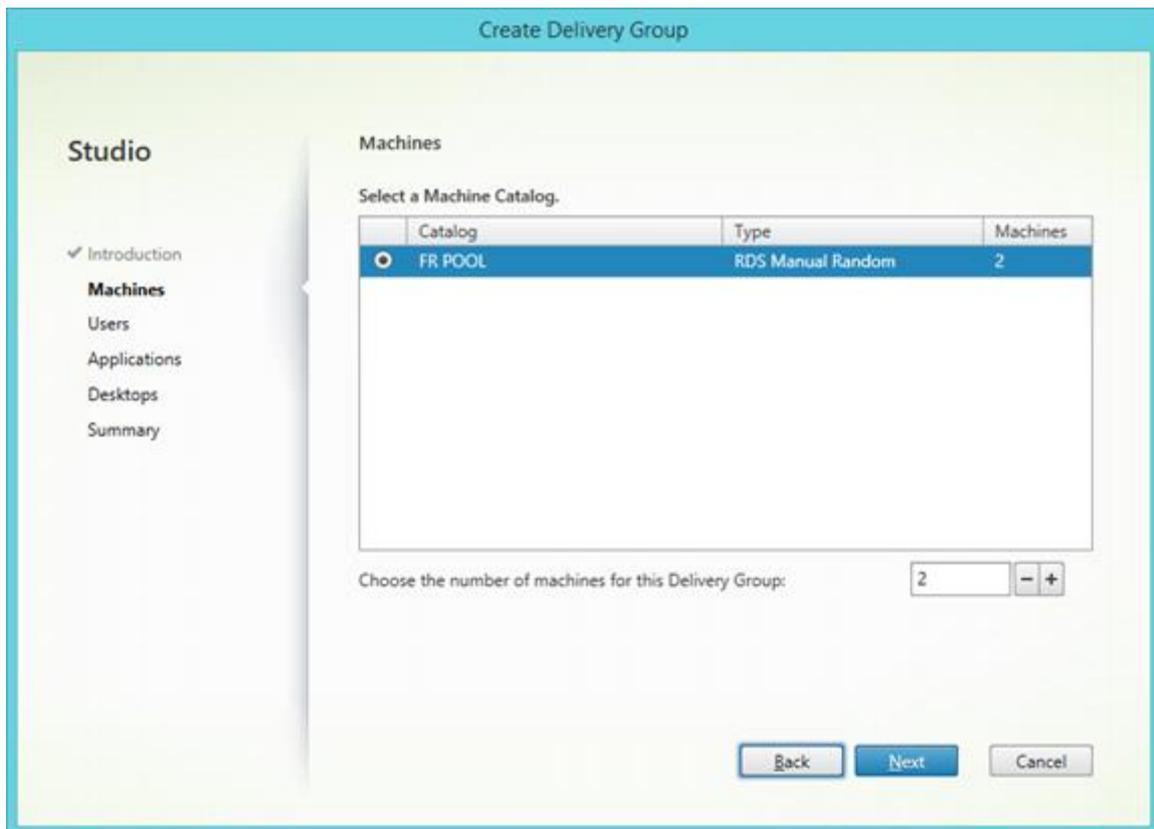
* A farm is several Citrix servers that are grouped together to enable centralized administration, load balancing and fault tolerance.

Example: setting up Citrix XenApp 7.9

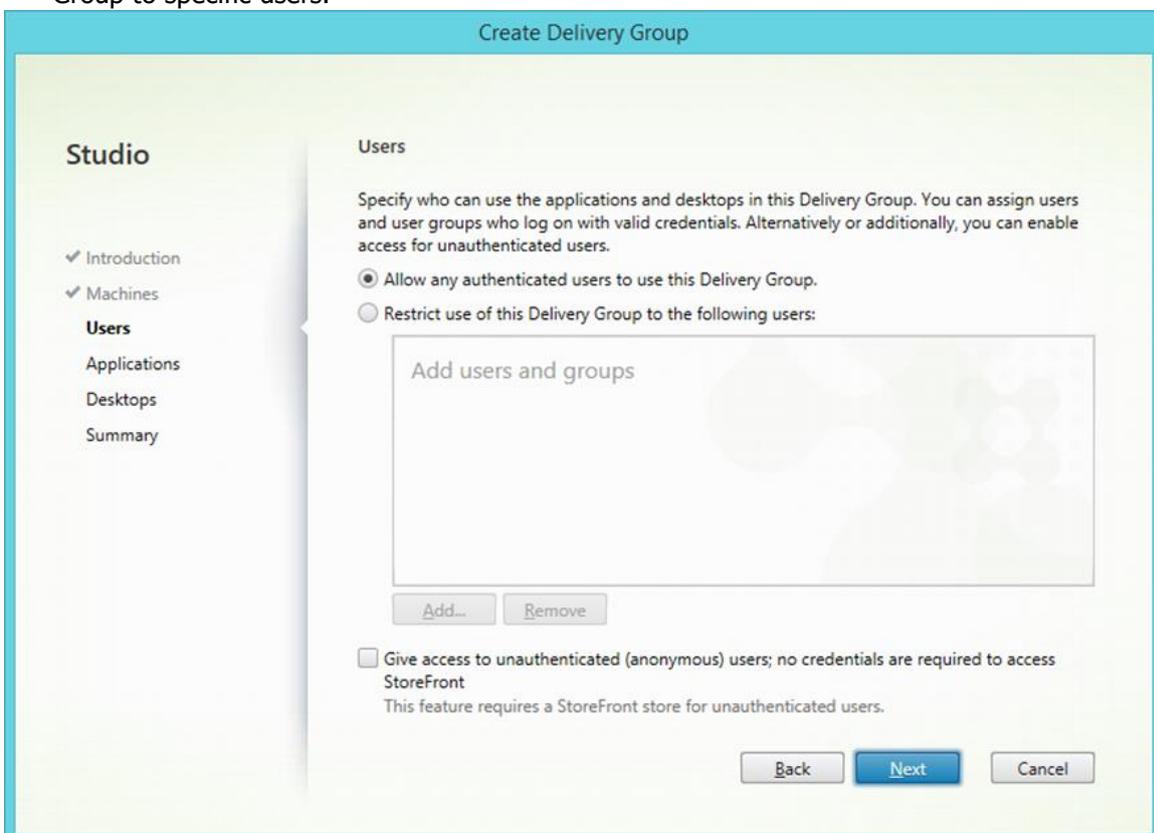
1. Open Citrix Studio.
2. Select the farm where you want to deploy ABBYY FineReader 14.
3. Create a Delivery Group for FineReader or add FineReader to an existing group.

To create a new delivery group:

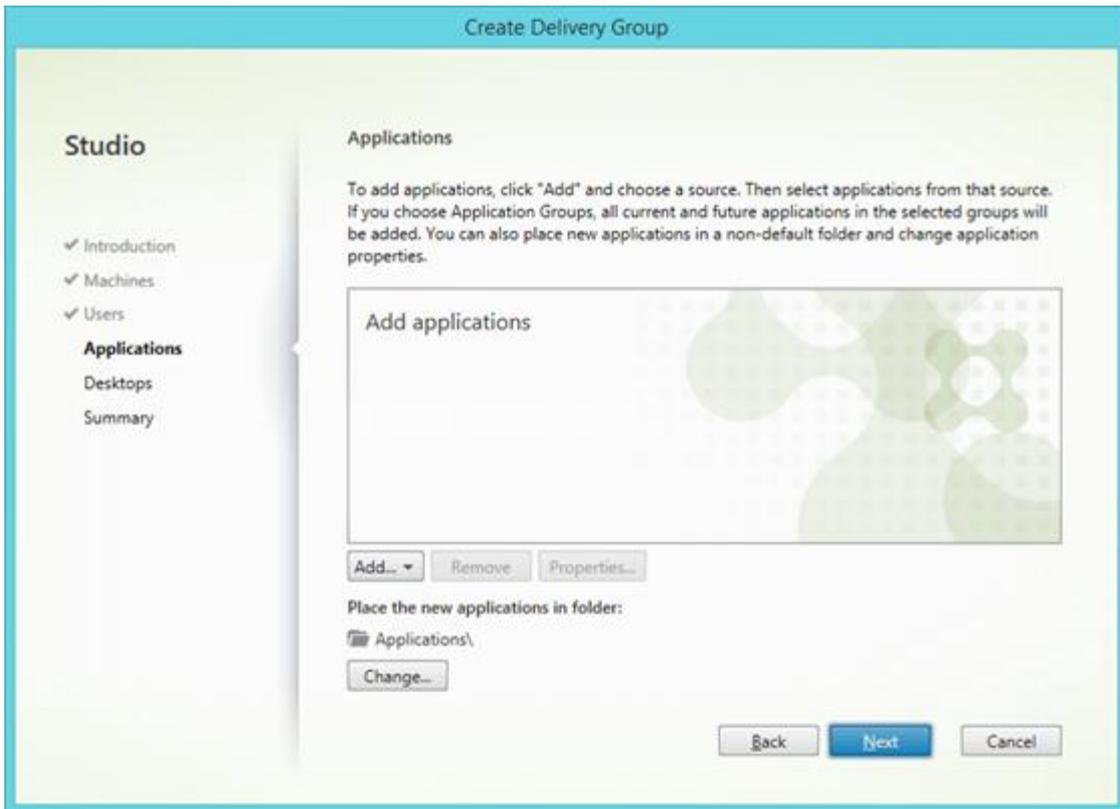
1. Click **Delivery Groups > Create Delivery group**.
2. On the **Machines** step, select a Machine Catalog from the list and specify the number of servers you want to use.



3. On the **Users** step, specify which users will have access to the Delivery Group or limit the Delivery Group to specific users.



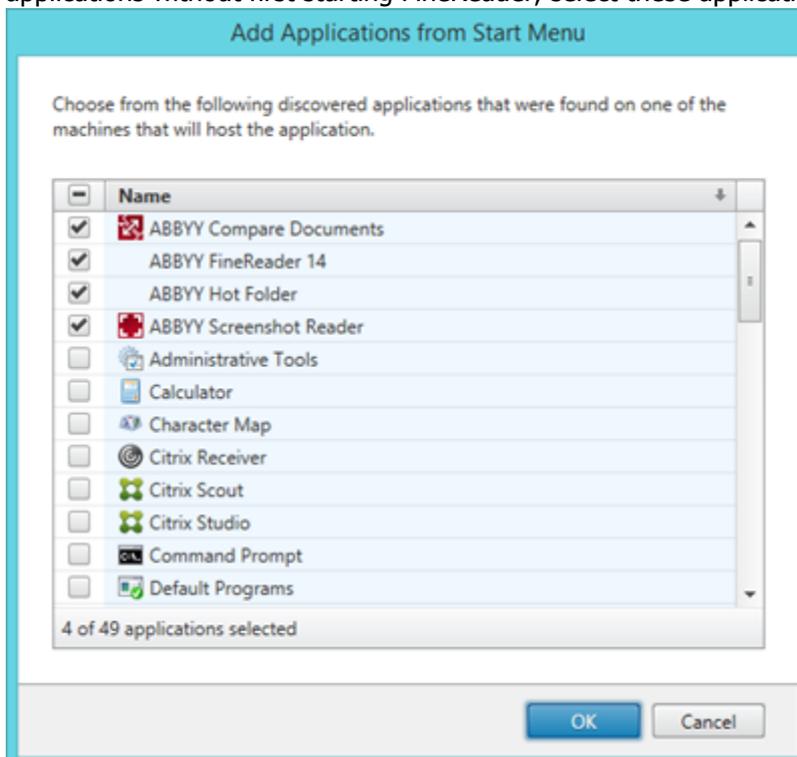
4. On the **Applications** step, click **Add...** and select the applications that can be started in the Delivery Group:



5.

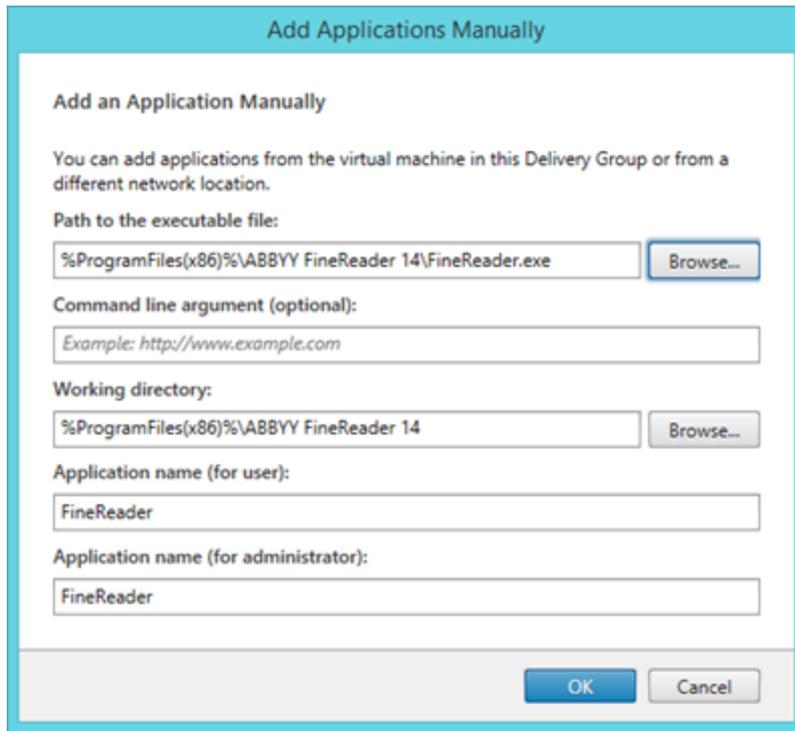
a. **From start menu...**

Select ABBYY FineReader 14 from the list. If you want users to have access to bundled applications without first starting FineReader, select these applications. Click **OK**.

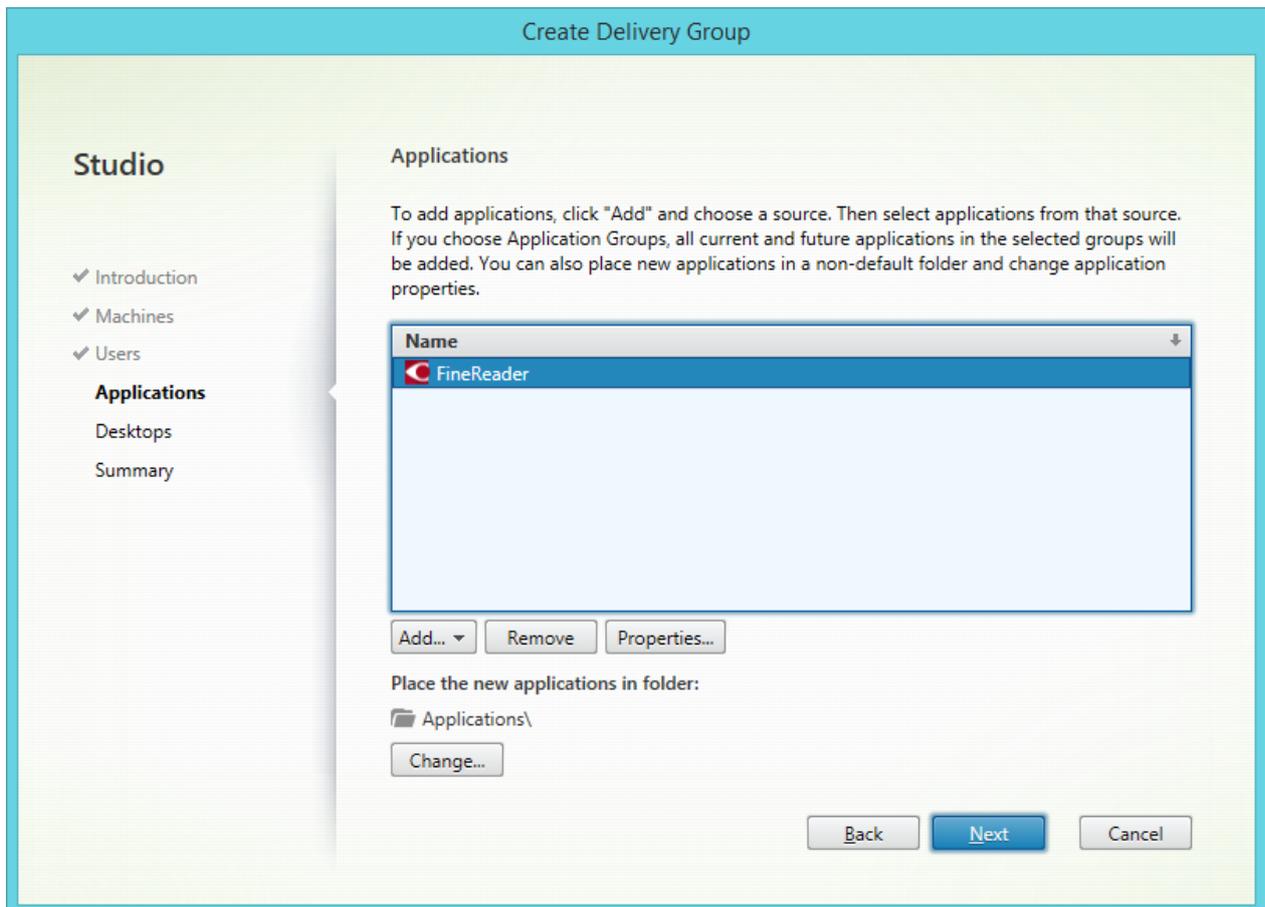


b. **Manually...**

If several application directories are available on the selected servers, select the directory with ABBYY FineReader 14 in the **Working directory** box. Under **Path to the executable file**, specify the path to FineReader.exe, then specify an application name for users and one for administrators. Click **OK**.

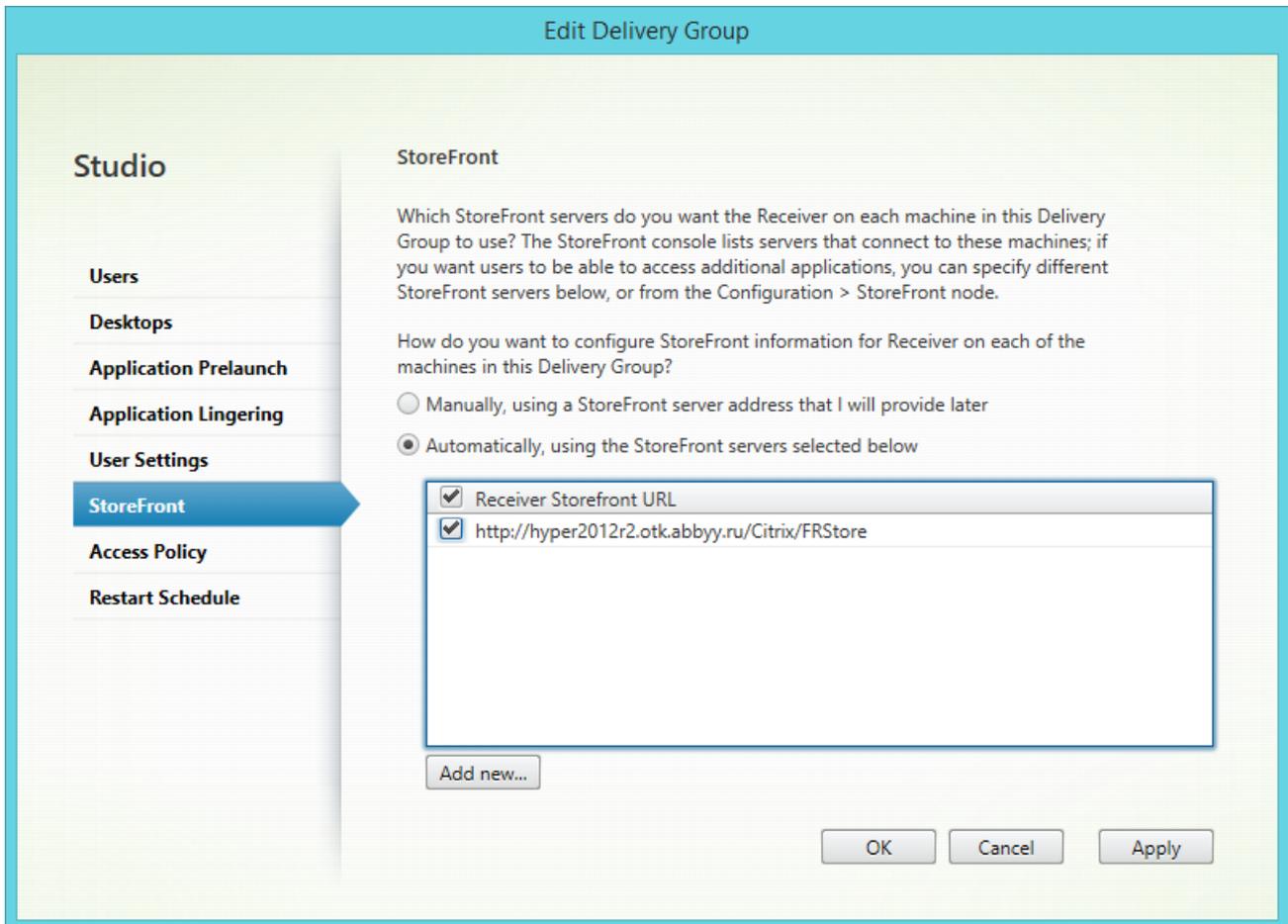


- c. Add any applications you want to appear in the same Delivery Group as ABBYY FineReader 14 and click **Next**.



6. On the **Desktops** step, add the desktops that will be provided by the Delivery Group. If you do not want to provide access to desktops, skip this step.

7. On the **Summary** step, specify a name for the Delivery Group under **Delivery Group name** and a description under **Delivery Group description, used as label in Receiver (optional)**. Complete the Delivery Group creation process.
8. Select the Delivery Group you just created and click **Edit Delivery Group**. In the dialog box that opens, select the **StoreFront** tab, enable the **Automatically, using the StoreFront servers selected below** option and specify the **StoreFront** servers of the Delivery Group.



To add ABBYY FineReader 14 to an existing Delivery Group:

1. Select the Delivery Group to which you want to add FineReader and click **Add Applications**.
2. Add ABBYY FineReader 14 in the same way as described in [step 4](#) for a new Delivery Group.

Frequently Asked Questions

Can I clone an operating system that has ABBYY FineReader 14 installed?

To deploy ABBYY FineReader 14 you can clone your Microsoft Windows 7/8/10 operating system. After cloning your OS, you will need to activate ABBYY FineReader 14. An unactivated copy of ABBYY FineReader 14 will not run or will run in trial mode, depending on your version of the product. Some versions of the product automatically activate themselves over the Internet without asking the user for confirmation. See [Creating a multi-user administrative installation point](#) for details.

Important!

1. Cloning is only possible if you have not yet run ABBYY FineReader 14 on the cloned computer. Otherwise, you will need to repair ABBYY FineReader 14 on that computer. See [How can I repair ABBYY FineReader 14 on workstations?](#)
2. Once you have cloned your OS, you need to change its name and **Security Identifier (SID)**.
3. Trial versions of ABBYY FineReader 14 can be cloned.

How can I change the network connection settings?

You can change the connection settings used for communication among the License Server, the License Manager, and the workstations.

Setting up a network connection

1. To set up a network connection, use the following file
%programfiles%\Common Files\ABBYY\FineReader\14.00\Licensing\Licensing.ini
This file is located on the computer where the License Server is installed.

2. In the above file, change the desired parameters:
 - Connection protocol
See [Setting up the connection protocol](#) for details.
 - Connection port
See [Setting up the connection port](#) for details.

E.g.:

```
[Licensing]
ConnectionProtocolType=TCP\IP
ConnectionEndpointName=81
```

Note: Make sure that your firewall does not prevent **%programfiles%\Common Files\ABBYY\FineReader\14.00\Licensing\NetworkLicenseServer.exe** from accessing the specified port.

3. Copy the file **Licensing.ini**
 - in the License Manager folder on all the computers where the License Manager has been installed (by default, the License Manager is installed into **%programfiles%\ABBYY FineReader 14 License Server**)
 - in the administrative installation folder where FineReader.exe is located, E.g. **\\MyFileServer\Distribs\ABBYY FineReader 14**.

Important! For the changes to take effect, you must restart the ABBYY FineReader 14 CE Licensing Service

4. Install ABBYY FineReader on the workstations.
For detailed instructions, see [Installing ABBYY FineReader 14 on Workstations](#).

Note: If ABBYY FineReader is already installed on the workstations, repair ABBYY FineReader on all the workstations. For detailed instructions, see [How can I repair ABBYY FineReader 14 on the workstations?](#)

Setting up the connection protocol

[Licensing]

ConnectionProtocolType=[TCP\IP | NAMED PIPES]

This parameter allows you to specify the protocol to be used (TCP\IP) or Named Pipes. This information will be used:

- by the License Manager to access the License Server
- by the workstations to access the License Server when installing or repairing ABBYY FineReader on the workstations

By default, **Named Pipes** is used.

Setting up the connection port

[Licensing]

ConnectionEndpointName=[port number for TCP\IP | channel name for Named Pipes]

This parameter allows you to specify the number of the port for the connection protocol or the name of the channel for Named Pipes. This information is used:

- by the License Manager to access the License Server
- by the workstations to access the License Server when installing or repairing ABBYY FineReader on the workstations

Note: Avoid changing the name of the named channel for the Named Pipes protocol that is set by the program when installing the License Server.

How can I repair ABBYY FineReader 14 on the workstations?

An access to the installation distribution may be required for the program recovery.

Repairing ABBYY FineReader 14 in interactive mode

On the workstation, do the following:

1. In **Start>Control Panel**, select **Programs and Features**.
2. In the list of installed programs, select **ABBYY FineReader 14 Corporate** and click **Change**.
3. In the **Program Maintenance** dialog box that opens, select **Repair** and click **Next**.
4. Follow the instructions of the wizard.

Repairing ABBYY FineReader 14 via the command line

On the workstation, execute the following command:

```
msiexec /f {F14000CE-0001-0000-0000-074957833700}
```

or

```
msiexec /x {F14000FE-0001-6400-0000-074957833700} for x64
```

How can I rename the computer hosting the License Server or move the License Server to another computer?

If you deployed ABBYY FineReader in the local area network and then changed the name of the computer hosting the License Server or an unexpected error occurred on the License Server computer, do the following:

1. Remove the License Server from the computer on which it was installed.
Note: If this computer is inaccessible, go to step 2.
 - a. In **Start>Control Panel**, select **Programs and Features**.
 - b. In the list of installed programs, select **ABBYY FineReader 14 CE License Server** and click **Remove**.
2. Install the License Server on a different computer, for example on \\NewServer.
3. On all the computers where the License Manager is installed, either edit or add the parameter **[Licensing]**
NetworkServerName=<COMPUTER NAME> in the file
%Program Files%\ABBYY FineReader 14 License Server\LicenseManager.ini
This parameter allows you to specify the name of the server to be accessed by the License Manager.
For example, specify
[Licensing]
NetworkServerName=MyComputerName
Important! For the changes to take effect, you must restart ABBYY FineReader 14 CE Licensing Service.
4. Add and activate your licenses in ABBYY FineReader 14 Corporate License Manager. For details, see the ABBYY FineReader License Manager help file.
5. In the administrative installation point, go to the ABBYY FineReader 14 folder and create a **Licensing.ini** file there.
The path to the administrative installation folder was specified earlier when creating the administrative installation point. For details, see [Creating an administrative installation point](#).
6. In the **Licensing.ini** file you have created, add the **NetworkServerName** parameter to the **[Licensing]** section. This parameter specifies the name of the server, for example
[Licensing]
NetworkServerName=MyComputerName
7. Reinstall ABBYY FineReader on a workstation. A file named **<COMPUTER NAME>.ABBYY.LicServer** will be created. <COMPUTER NAME> is the value of the **NetworkServerName** parameter. For example: MyComputerName.ABBYY.LicServer.
For details, see [Deploying a multi-user distribution package with per-seat licenses and automatic activation](#).
8. Copy the **<COMPUTER NAME>.ABBYY.LicServer** file onto the other workstations. You can find the file in:
 - **%programdata%\ABBYY\FineReader\14.00\Licenses** if you use Windows Vista or later, or in
 - **%allusersprofile%\Application Data\ABBYY\FineReader\14.00\Licenses** if you use Microsoft Windows XP or earlier

Technical Support

If you have any questions about how to install and use ABBYY FineReader 14 to which you cannot find answers in this System Administrator's Guide, please contact the ABBYY technical support service or ABBYY partners. For contact information, please refer to the "Support" section at **www.abbyy.com**.