

ABBYY FineReader 9.0  
Corporate Edition  
System Administrator's Guide

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# Deploying ABBYY FineReader 9.0 in a LAN

## General

ABBYY FineReader 9.0 can be installed and used on a local area network.

The automated installation methods give you speed and flexibility when installing ABBYY FineReader 9.0 Corporate Edition on a local area network, as you do not have to install the program manually on each individual workstation.

## Deploying ABBYY FineReader 9.0

ABBYY FineReader can be deployed from any computer running under Microsoft Windows 2000 (or later).

The deployment process comprises the following steps:

1. Administrative installation
  - a. Installing ABBYY FineReader 9.0 License Server and ABBYY FineReader 9.0 License Manager  
For detailed instructions, see Administrative installation>Installing the ABBYY FineReader License Server.  
**Note:** The computer on which ABBYY FineReader 9.0 License Manager is installed becomes a License Administrator Station.
  - b. Creating an administrative installation point  
An administrative installation point is created by providing a server name and simply copying the setup package from the CD-ROM into a folder on the server.  
For detailed instructions, see Administrative installation>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?*
2. **Adding licenses to the License Manager**  
For detailed instructions, 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 Systems Management Server (SMS),
  - Task Scheduler

For detailed instructions, see Installing ABBYY FineReader 9.0 on Workstations.

### Note:

- The server (\\MyLicenseServer) on which the License Server is installed must run under Microsoft Windows 2000, Microsoft Windows Server 2000, Microsoft Windows XP, Microsoft Windows Server 2003, or Microsoft Windows Vista.
- The server (\\MyFileServer) on which the administrative installation point is created must be a file server running under any operating system that supports long file names.
- The administrative installation point and the License Server can be located either on the same or on different computers.

### Important!

1. Do not place the License Server into the same folder with the administrative installation point.
2. Do not install several different versions of ABBYY FineReader on the same workstation.

## Administrative installation folder requirements

1. 350 MB free hard-disk space to create an administrative installation point
2. Read access to the administrative installation folder (e.g.\\MyFileServer\Programs Distributions\ABBYY FineReader 9.0) for all users on whose computers ABBYY FineReader is to be installed.
3. When using Active Directory® to deploy ABBYY FineReader 9.0, the Domain Computers accounts must have read permissions for the administrative installation folder.

## License Server requirements

1. 50 MB free hard-disk space to create license files and accounts
2. 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).

Microsoft Windows 2000 Professional, for example, allows no more than 10 simultaneous connections, allowing to run ABBYY FineReader only on 10 workstations at a time.

## License Administrator Station requirements

1. PC running under Microsoft® Windows® 2000 or later (to work with localized interfaces, the operating system must support the corresponding language)
2. 64 MB RAM
3. 20 MB free hard-disk space

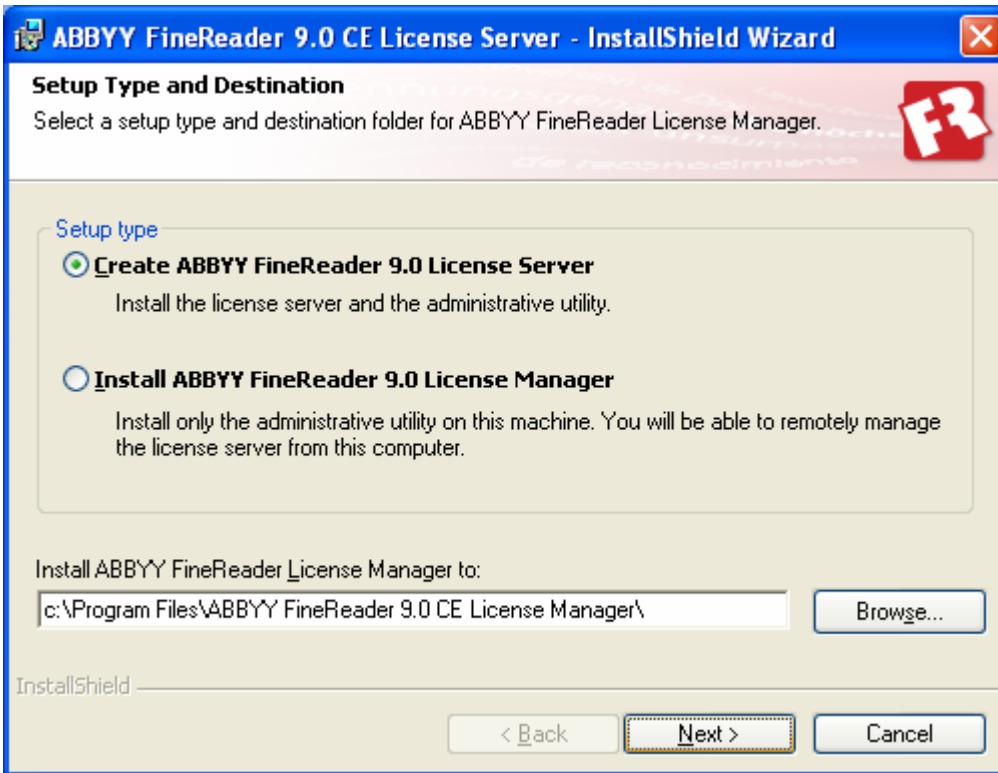
## Workstation requirements

1. PC with 1 GHz or greater Intel® Core™2/Pentium®/Celeron®/Xeon™, AMD K6/Turion™/Athlon™/Duron™/Sempron™ or compatible processor
2. Microsoft® Windows® Vista, Microsoft® Windows® Server 2003, Windows XP, Windows 2000 (to work with localized interfaces, the operating system must support the corresponding language)
3. 512 RAM; in multiprocessor systems, an additional 512 MB RAM is required for each additional processor
4. 400 MB for installation of all program components; 512 MB for program operation
5. TWAIN- or WIA-compatible scanner, digital camera or fax modem
6. Video card and monitor supporting min. resolution of 1024\*768
7. Keyboard and mouse or other pointing device

## Administrative installation

### Installing the License Server and the License Manager

1. Place the setup disk into the CD-ROM drive. The setup program will start automatically.  
**Note:** If the setup program does not start automatically, run the file **License Server\Setup.exe** from the ABBYY FineReader 9.0 CD-ROM.
2. Select Deploy ABBYY FineReader in LAN>Install ABBYY FineReader License Server.
3. Follow the instructions of the setup program.  
During setup, you can:
  - Install the License Server and install the License Manager utility.  
The License Server and the License Manager will be installed on the computer from which you are performing the administrative installation. You can specify a folder into which the License Manager is to be installed.
  - Install only the 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.

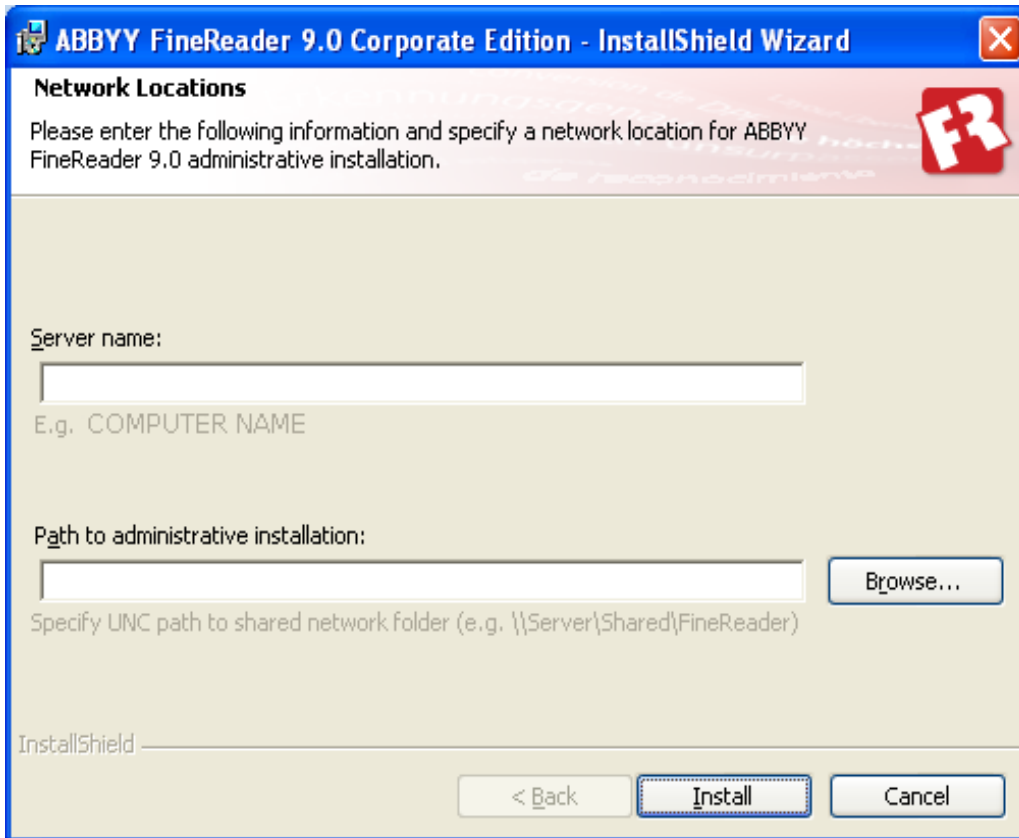


**Note:**

- If several users will be managing the ABBYY FineReader 9.0 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 **%programfiles%\Common Files\ABBYY\FineReader\9.00\Licensing\CE\NetworkLicenseServer.ini**. 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 ABBYY FineReader 9.0 CE Licensing Service.

**Creating an administrative installation point**

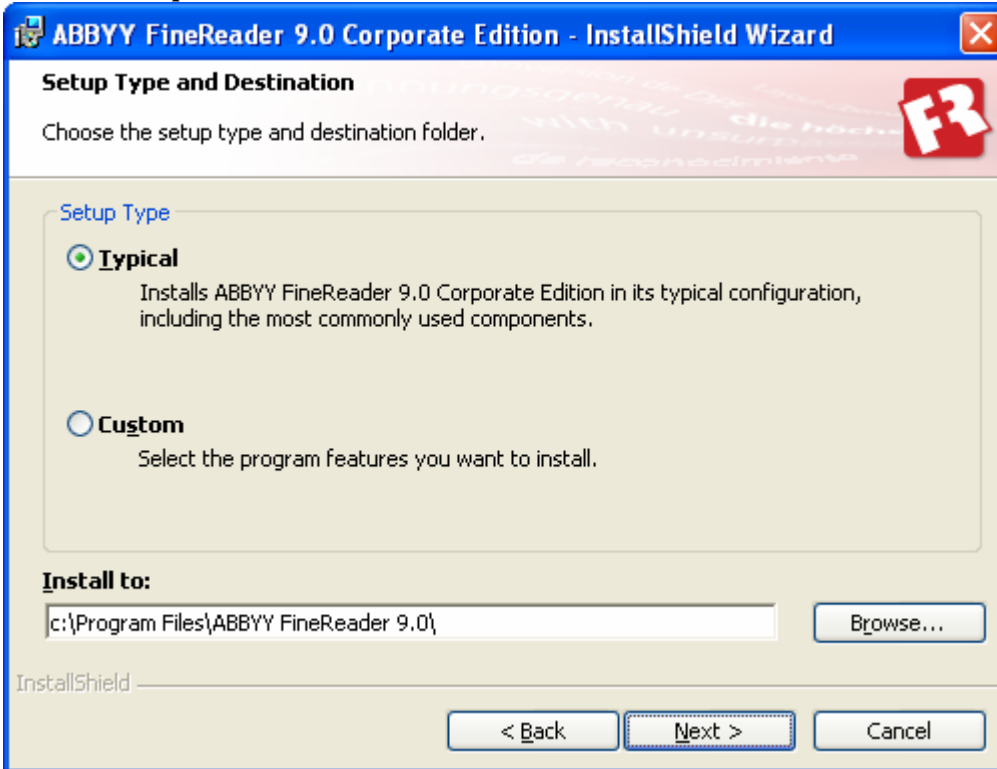
1. Place the setup disk into the CD-ROM drive. The setup program will start automatically  
**Note:** If the setup program does not start automatically, run the **AdminSetup.exe** file from the ABBYY FineReader 9.0 CD-ROM.
2. Select Deploy ABBYY FineReader in LAN>Create administrative installation point.
3. 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.



# Installing ABBYY FineReader 9.0 on Workstations

## Interactive installation

1. Perform ABBYY FineReader 9.0 administrative installation (see *Administrative installation* for details).
2. Run the **setup.exe** file in the administrative installation folder.



3. Follow the instructions of the setup wizard.

## Command line installation

1. Perform ABBYY FineReader 9.0 administrative installation (see *Administrative installation* for details).
2. Run the **setup.exe** file in the administrative installation folder using the command line parameters described below.

### Advertise installation

For advertise installation, type

**Setup.exe /j**

The program icon will appear in the workstation's **Start** menu. Clicking this icon automatically installs the program in default configuration, i.e. all the recognition languages are installed on the workstation and the interface language is selected based on the workstation's regional settings.

### Silent installation

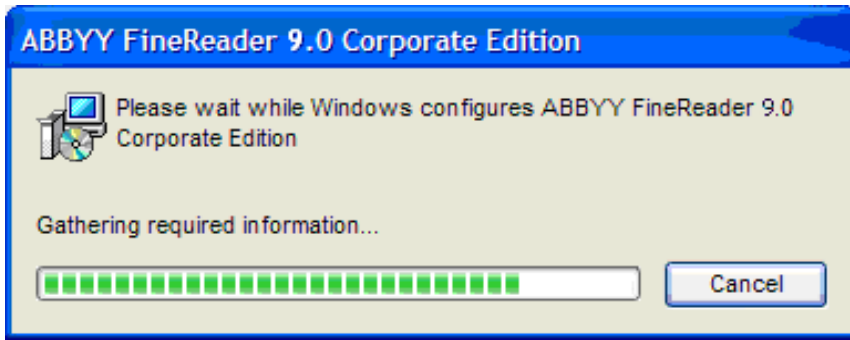
For silent installation, type

**Setup.exe /qn**

In the case of silent installation, no set-up dialog boxes are displayed and the program is installed in default configuration, i.e. all the recognition languages are installed on the workstation, and the interface language is selected based on the workstation's regional settings.

**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.

Possible **language code**\* values:

1033	English
1026	Bulgarian
1038	Hungarian
1034	Spanish
1040	Italian
1062	Latvian
1063	Lithuanian
1031	German
1043	Dutch
1045	Polish
1046	Portuguese
1049	Russian
1051	Slovak
1055	Turkish
1058	Ukrainian
1036	French
1029	Czech
1053	Swedish
1061	Estonian
2052	Chinese (PRC)

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

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

INSTALLDIR="<destination path>" specifies the path to the folder where ABBYY FineReader 9.0 will be installed.

E.g.:

**Setup.exe /qn /L1049 /v"INSTALLDIR="C:\ABBYY FineReader 9.0"**

This command line will install ABBYY FineReader 9.0 into **C:\ABBYY FineReader 9.0** with the Russian interface and with all the recognition languages.

In the current version, you cannot pre-select recognition languages to be installed.

## Uninstalling ABBYY FineReader 9.0 in silent mode

```
msiexec /x {F9000000-0001-0000-0000-074957833700}
```

## Using Active Directory

Microsoft© Windows© 2000 Server and Microsoft© Windows© 2003 Server include an integrated directory service, **Active Directory**, which, in turn, includes **Group Policy**. The Software Installation snap-in, which is part of Group Policy, allows you to install a software application on several workstations simultaneously.

Three major installation methods are implemented in **Active Directory**:

- Publish to User
- Assign to User
- Assign to Computer

ABBYY FineReader 9.0 can be installed using the **Assign to Computer** method.

### Important!

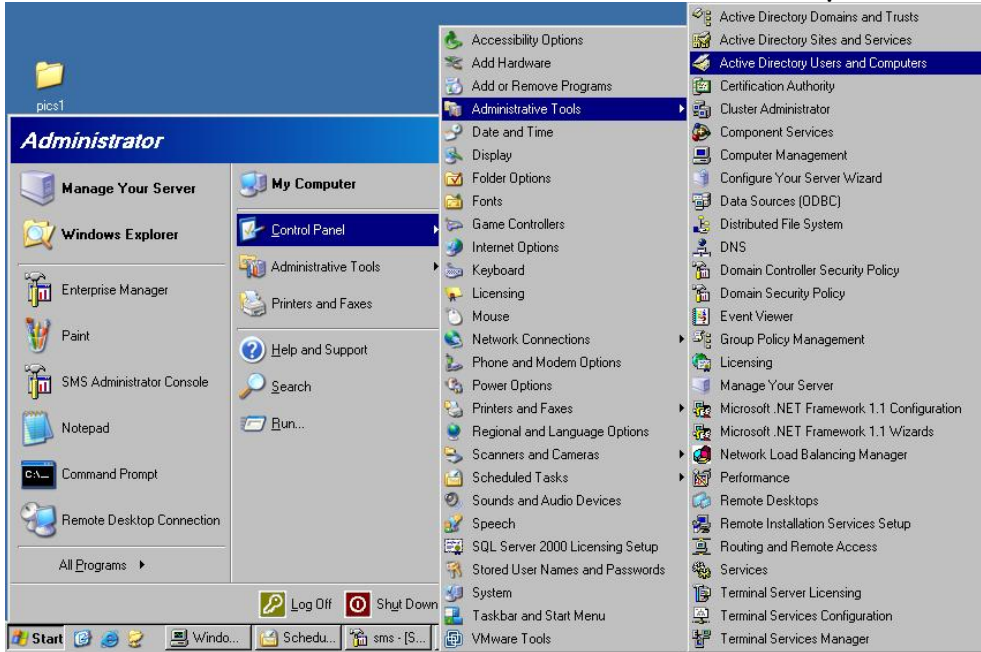
- ABBYY FineReader 9.0 will be completely installed on a workstation only after the workstation is restarted.

- The **Publish to User** and **Assign to User** methods are not supported.

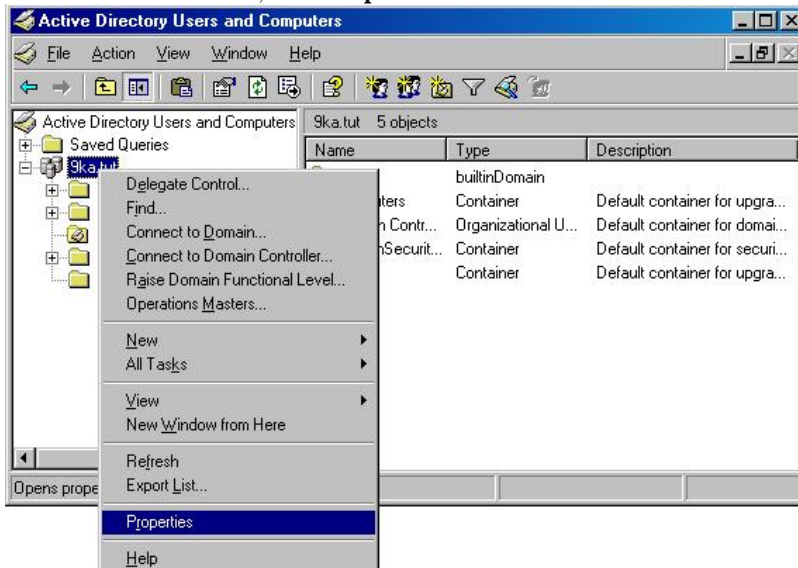
### Example: Using Active Directory to deploy ABBYY FineReader 9.0

This example illustrates deployment under Microsoft Windows Server 2003 with Microsoft Group Management Console installed. The program is installed on one domain computer or on a group of computers:

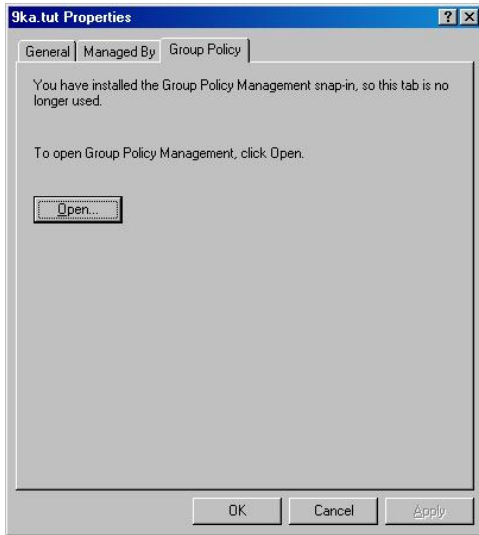
1. Perform administrative installation (see *Administrative installation*).
2. Go to **Start>Control Panel>Administrative Tools** and select **Active Directory Users and Computers**.



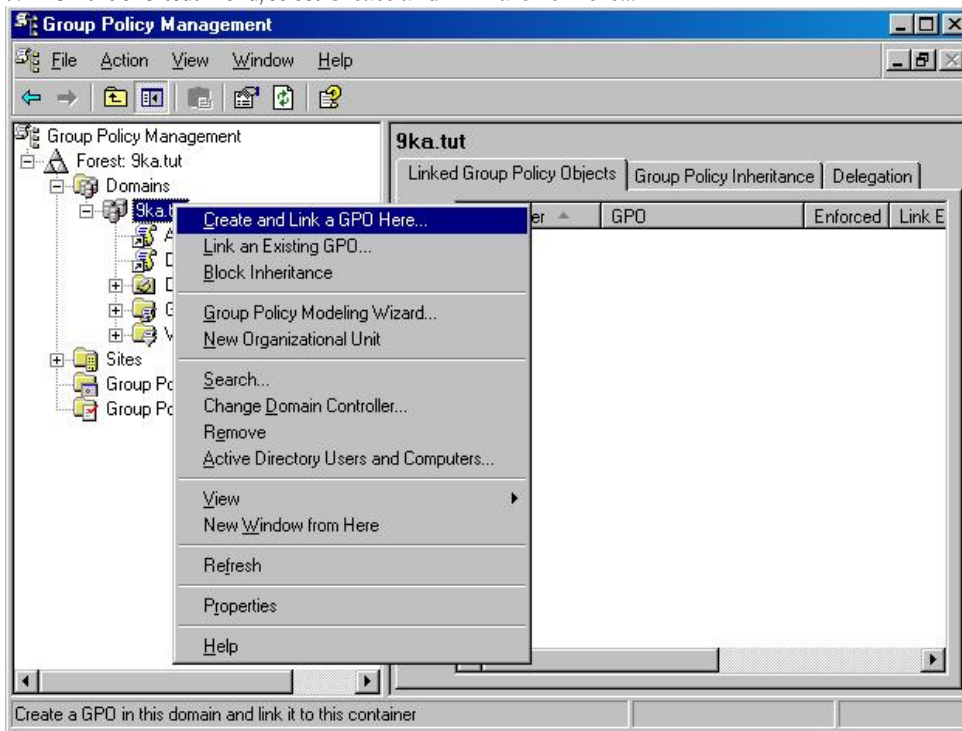
3. Right-click the site, domain, or another organized unit that contains the computer or group of computers onto which ABBYY FineReader 9.0 is to be installed.
4. On the shortcut menu, select **Properties**.



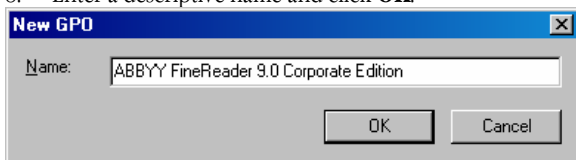
5. In the **Properties** dialog box, click the **Group Policy** tab and then click **Open...**



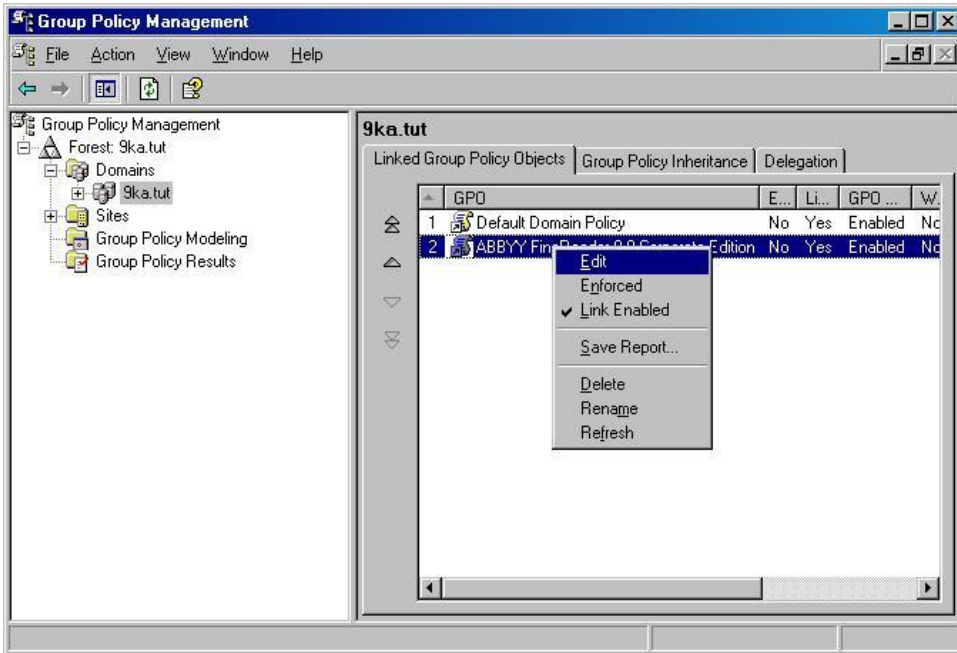
6. Right-click the organized unit that contains the computer or group of computers onto which ABBYY FineReader 9.0 is to be installed.
7. On the shortcut menu, select **Create and Link a GPO Here...**



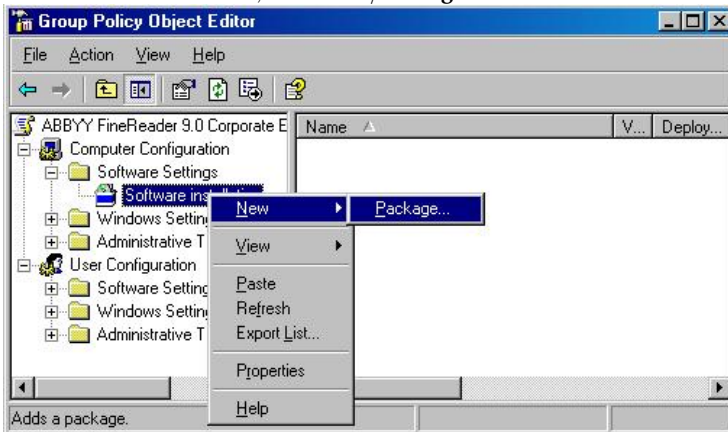
8. Enter a descriptive name and click **OK**.



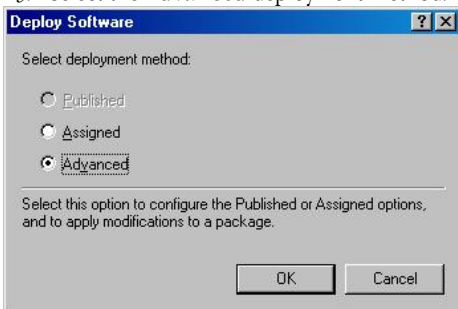
9. Right-click the Group Policy object you have created and select **Edit**.



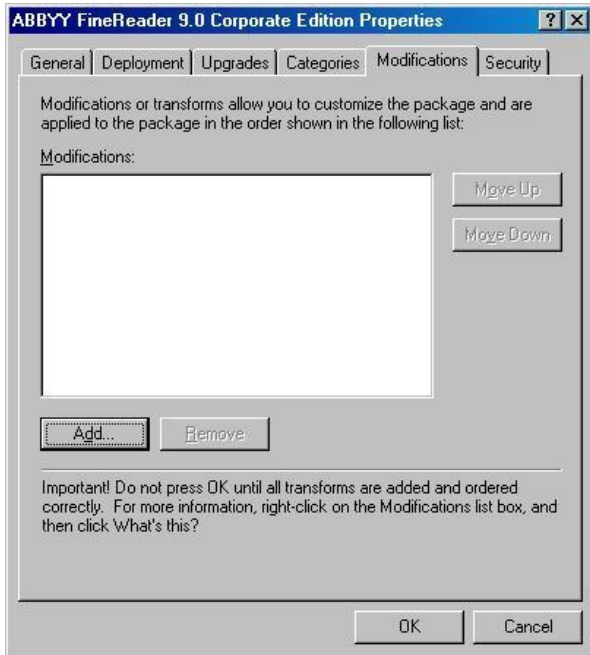
10. In the Group Policy Object Editor window, click Computer Configuration> Software Settings>Software Installation.
11. On the shortcut menu, select **New/Package...**



12. Provide the network path to the file **ABBYY FineReader 9.0 Corporate Edition.msi** that is located in the administrative installation folder on the server (see *Administrative installation*).
13. Select the **Advanced** deployment method.



14. In the dialog box that opens, click the **Modifications** tab and then click the **Add...** button.



15. Select the interface language that will be used by ABBYY FineReader when installed on the workstations. The interface language files are located in the administrative installation folder on the server.

File names and their languages:

1033.mst	English
1026.mst	Bulgarian
1038.mst	Hungarian
1034.mst	Spanish
1040.mst	Italian
1062.mst	Latvian
1063.mst	Lithuanian
1031.mst	German
1043.mst	Dutch
1045.mst	Polish
1046.mst	Portuguese
1049.mst	Russian
1051.mst	Slovak
1055.mst	Turkish
1058.mst	Ukrainian
1036.mst	French
1029.mst	Czech
1053.mst	Swedish
1061.mst	Estonian
2052.mst	Chinese (PRC)

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

## Using Microsoft Systems Management Server (SMS)

Microsoft Systems Management Server 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).

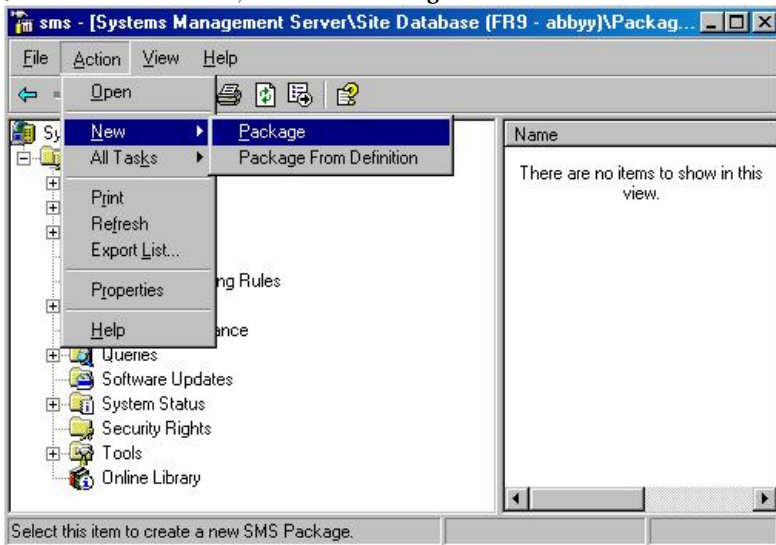
Software deployment using SMS comprises three stages:

1. Preparing ABBYY FineReader 9.0 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 SMS in accordance with the installation parameters specified in the script.

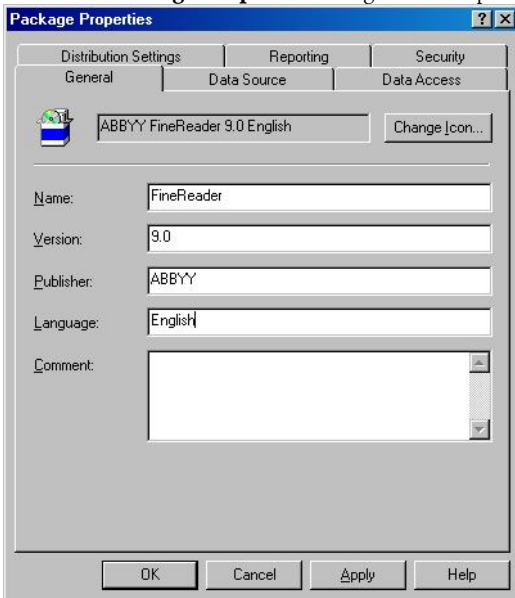
### Example: Using SMS to deploy ABBYY FineReader 9.0

1. Perform administrative installation (see *Administrative installation*).

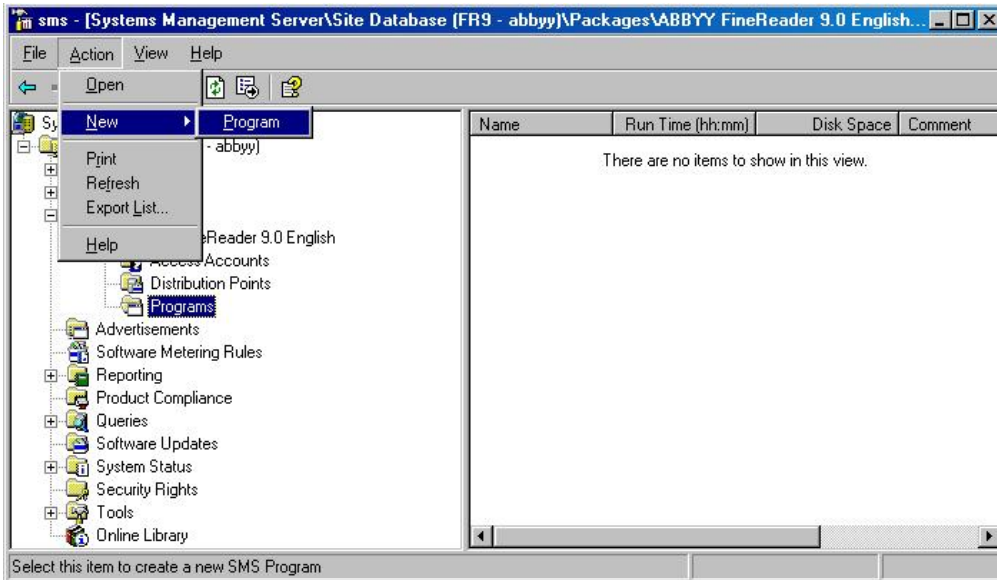
2. In the SMS Administrator Console, select the Packages item.
3. In the **Action** menu, select **New>Package**.



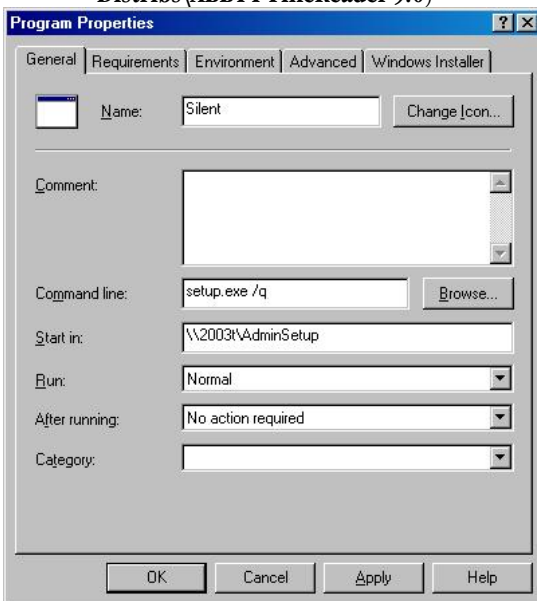
4. In the **Package Properties** dialog box that opens, enter the required package properties.



5. Click the **Data Source** tab.
6. Make sure that the **This package contains source files** box is not selected and click **OK**.
7. In the package you have just created, select **Programs**.
8. On the **Action** menu, select **New>Program**.

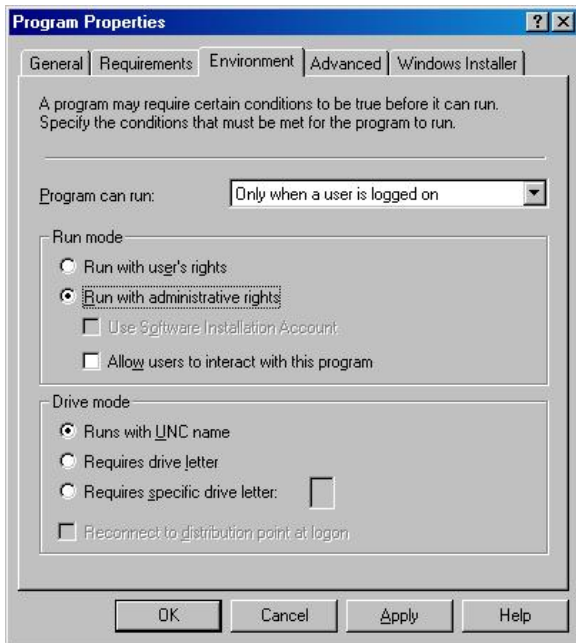


9. On the **General** tab of the **Program Properties** dialog box:
- Enter a descriptive name for the program in the **Name** field
  - Type `setup.exe /q` in the Command Line field
  - In the **Start in** field, enter the path to the administrative installation folder (e.g. `\\MyFileServer\Programs\Distrib\ABBYY FineReader 9.0`)



10. On the **Environment** tab of the **Program Properties** dialog box:
- Select Run with administrative rights
  - Make sure that **Runs with UNC name** is selected





11. Change the condition in the **Program can run** field if required and click **OK**.
  12. You can also use the **Distribute Software Wizard**. To run the wizard, on the **Action** menu, select **All Tasks>Distribute Software** and follow the instructions of the wizard.
- Important!** You cannot create Distribution Points.

## Using Task Scheduler

To install ABBYY FineReader on workstations using **Task Scheduler**:

1. Perform administrative installation (see *Administrative installation*).
2. Make sure that Task Scheduler is running on the workstation, that a user with local administrator rights is registered on the workstation, and that this user has access rights to the administrative installation folder and to the ABBYY FineReader 9.0 License Server.
3. Create a new task on the workstation:
  - Specify the following parameters on the **Task** tab:
    - **Run** field: “\\MyFileServer\Programs Distribs\ABBYY FineReader 9.0\setup.exe” /qn /L1033.  
For a detailed treatment of the parameters, see *Command line installation*.
    - **Run as** field: **DOMAIN\Login**
  - In the **Set Password** dialog box, specify a password.
  - Make sure that the **Enabled** option is selected.

**Note:** **DOMAIN\Login** refers to the administrator of the workstation where ABBYY FineReader will be installed.
4. On the **Schedule** tab, specify the time when the installation must start.

**Note:** Do not change the **qn** parameter.



## Frequently Asked Questions

### How can I install ABBYY FineReader 9.0 on a terminal server?

The operation of ABBYY FineReader 9.0 Corporate Edition in terminal mode has been tested for the following configurations:

- Windows 2003 Terminal Server, Citrix Metaframe 4.0
- Windows 2000 Terminal Server, Citrix Metaframe 3.0.

**Important!** Only Concurrent licenses support terminal mode.

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.
2. Launch the License Manager.
3. Add all your licenses in the License Manager.
4. Install ABBYY FineReader 9.0 from the administrative installation folder onto the terminal server.

As a result, ABBYY FineReader 9.0 will be installed on the terminal server in the same way as it is installed on a workstation, and users will be able to work remotely with the client part of the application.

**Note:** The License Server can also be installed on the terminal server.

### 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\9.00\Licensing\CE\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\9.00\Licensing\CE\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 9.0 License Manager**)
  - in the administrative installation folder where FineReader.exe is located,  
E.g. \\MyFileServer\Programs Distributions\ABBYY FineReader 9.0.  
**Important!** For the changes to take effect, you must restart ABBYY FineReader 9.0 CE Licensing Service
4. Install ABBYY FineReader on the workstations.  
For detailed instructions, see *Installing ABBYY FineReader 9.0 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 9.0 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 9.0 on the workstations?

### Repairing ABBYY FineReader 9.0 in interactive mode

On the workstation, do the following:

1. In **Start>Control Panel**, select **Add and Remove Programs**.  
**Note:** In Microsoft Windows Vista, this command is called **Programs and Features**.
2. In the list of installed programs, select **ABBYY FineReader 9.0 Corporate Edition** 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 9.0 via the command line

On the workstation, execute the following command:

- `msiexec /fv {F9000000-0001-0000-0000-074957833700}`

## 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 **Add and Remove Programs**.  
**Note:** In Microsoft Windows Vista, this command is called **Programs and Features**.
  - b. In the list of installed programs, select **ABBYY FineReader 9.0 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 9.0 License Manager\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 9.0 License Manager

4. Add and activate your licenses in ABBYY FineReader 9.0 License Manager. For details, see *ABBYY FineReader 9.0 License Manager*.  
**Note:** It is recommended that the status of Per Seat license be recovered. For details, see *ABBYY FineReader 9.0 License Manager>Recovering the status of a license (only for Per Seat licenses)*.

5. In the administrative installation point, go to the ABBYY FineReader 9.0 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 *Administrative installation>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 all the workstations.  
For detailed instructions, see *Installing ABBYY FineReader 9.0 on Workstations?*

# Managing Licenses

## General

ABBYY FineReader 9.0 License Manager is a utility specifically designed for managing ABBYY FineReader licenses. The License Manager is installed on the License Administrator Station when deploying the program in a local area network. For more information about deploying ABBYY FineReader in a LAN, see *Administrative installation*.

The License Manager allows you to:

- add and activate licenses
- assign licenses to particular workstations
- obtain information about the parameters of your licenses
- update license statuses

## License types

There are two types of license — **Concurrent** and **Per Seat**.

### Concurrent licenses

Concurrent licenses are installed and activated by means of the License Manager utility. When ABBYY FineReader is launched on a workstation, it connects to the server. If there is a free Concurrent license on the server, the program “takes” this free license. When ABBYY FineReader is closed down, the license is released. If there are no free Concurrent licenses on the server, the program will issue a warning message to that effect.

**Note:** In the case of Concurrent licenses, the total number of ABBYY FineReader copies that can be run simultaneously cannot exceed the number of available Concurrent licenses. However, the number of installed copies can be greater than the number of available concurrent licenses.

### Concurrent license statuses

- **Free**  
The license is free, i.e. it is not being used by any workstation.
- **Assigned to**  
The license has been assigned to a workstation but is not currently being used by that workstation.
- **Running on**  
The license has been assigned to a particular workstation and is being used by that workstation.

### Per Seat licenses

Per Seat licenses are installed and activated by means of the License Manager utility.

When ABBYY FineReader is installed on a workstation, a Per Seat license is bound to that workstation as a result of an activation process. Once the program has been activated, it will not access the server in order to obtain a license. This means that ABBYY FineReader will operate autonomously on the workstation on which it has been activated.

**Note:** In the case of Per Seat licenses, the total number of installed ABBYY FineReader copies must be equal to the number of Per Seat licenses.

**Important!** When you activate a Per Seat license on a workstation, the ABBYY FineReader 9.0 CE Licensing Service accesses **registration2.abbyy.com** via **port 80**. If the security policy of your company does not allow accessing this address via port 80, you must activate ABBYY FineReader manually when launching it on the workstations for the first time.

### Per Seat license statuses

- **Free**  
The license has not been bound to any workstation and will be served to the first workstation that asks the server for a license.
- **Assigned to**  
The license has been assigned to a particular workstation, but has not yet been installed on that workstation.
- **Installed on**  
ABBYY FineReader has been installed on a workstation. During the installation process, the license was served to the workstation, but has not yet been activated on it.
- **Activated on**  
The license has been installed on a workstation and activated on that workstation. ABBYY FineReader can run autonomously on that workstation.

## How workstations get licenses

When ABBYY FineReader is launched on a workstation, the program contacts the server and obtains a license from it. Licenses are provided in the following order:

1. The license assigned to the workstation is served to it.
2. If no license has been assigned to the workstation, a free Concurrent license is served.
3. If there are no free Concurrent licenses, a free Per Seat license is served.  
**Important!** A Per Seat license is bound to a particular workstation by means of an activation process. Once the activation is complete, the program will no longer ask the server for a license and will run autonomously on the workstation on which it has been activated.
4. If there are no free licenses, ABBYY FineReader cannot be launched and a corresponding warning message is displayed.

### Note:

- If ABBYY FineReader uses a non–assigned Concurrent license, once the program is closed down on a workstation, the non–assigned Concurrent license will be returned to the server. For instructions on how to return an assigned Concurrent license to the server, see *Releasing an assigned license*.
- For instructions on how to return an assigned Per Seat license to the server, see *Releasing an assigned license*.

## ABBYY FineReader 9.0 License Manager

Before you can use ABBYY FineReader 9.0 on workstations, you must add your license into the License Manager utility.

### Launching the License Manager

- In Start>Programs>ABBYY FineReader 9.0 Tools, select ABBYY FineReader 9.0 License Manager.

### Adding and activating a license

ABBYY is concerned about software piracy and takes measures to protect its intellectual property rights. Software piracy is detrimental to software manufacturers and to end users alike. When buying a legal software copy, users can be sure that they obtain a quality product without any changes or alterations introduced by a third party. Illegal products are never safe.

If the License Agreement allows you to install your copy of the software only on one personal computer, any additional installations of the same copy on other PCs will constitute a breach of the License Agreement as well as of the copyright law of the Russian Federation and international copyright law. The activation technology controls the number of copies and prevents the installation of one licensed copy on an unlimited number of workstations. At the same time, the number of installations and activations on one and the same PC is not limited in any way whatsoever.

You will not be able to use ABBYY FineReader unless you activate your license.

#### To add and activate a license:

1. Launch the License Manager.
2. Click **Add...**
3. Follow the instructions of the Activation Wizard.

**Important!** A license will only be added if the activation completes successfully.

### More about the activation methods

- **Activation via the Internet**  
Activation is carried out automatically and usually takes very little time. This method requires an active Internet connection.
- **Activation by e-mail**  
ABBYY FineReader will automatically generate an e-mail message containing the technical data required for activation and prompt you to send this e-mail message to ABBYY.  
**Important!** Do not alter the body and subject of the e-mail message to ensure a prompt reply from the mail robot.
- **Activation by phone**  
In the Activation Wizard, select your country. The wizard will prompt you to contact the nearest ABBYY office or partner. Communicate your serial number and **Product ID** as displayed in the Activation Wizard to the technical support specialist.  
**Important!** Obtaining an activation code by phone may take some time.

### More about activating Per Seat licenses on workstations

When you install ABBYY FineReader on a workstation, a Per Seat license is activated and bound to this particular workstation. If ABBYY FineReader 9.0 License Server has access to the Internet during the installation, the license will be activated automatically. Otherwise, you will need to activate the license when you first launch ABBYY FineReader on this workstation.

## Assigning a license

You can assign a license to a particular workstation. An assigned license can only be used on the workstation to which it has been assigned.

To assign a license:

1. Launch the License Manager.
2. Select the desired license and click **Assign...**
3. In the dialog box that opens, type the name of the workstation to which you wish to assign the license.  
In the License Manager window, the status of the selected license will change to **Assigned**.

### More about assigning Per Seat licenses

A Per Seat license can only be assigned to a workstation *before* you install ABBYY FineReader on this workstation. Then, when you install ABBYY FineReader on this workstation, the license will be activated and bound to the workstation.

## Releasing an assigned license

When ABBYY FineReader is launched on a workstation, the program will take either the license assigned to this workstation (if any) or a free license that is available on the server.

### To release an assigned Concurrent license:

1. Launch the License Manager.
2. Make sure that ABBYY FineReader is not running on the workstation from which it is to be released. (The **Running on...** status in the License Manager window shows that ABBYY FineReader is running on this workstation.)
3. Select the license and click **Free...**  
The status of the released license will change to **Free**.

### To release an assigned Per Seat license

- a. If ABBYY FineReader has not yet been installed and the assigned license has not yet been activated on the workstation:
  1. Launch the License Manager.
  2. Select the license.
  3. Click **Free**
- b. If ABBYY FineReader has already been installed on the workstation and the assigned license has been activated:
  1. Remove ABBYY FineReader from the workstation.  
The status of the license in the License Manager window will have an asterisk next to it. The asterisk indicates that the license has been activated. Before you can install an activated license on another workstation, you must deactivate it.
  2. Using the License Manager, deactivate the license. For detailed instructions, see *Deactivating a license*.
- c. If an error occurred on the workstation on which the license was activated and the workstation is currently inaccessible:
  - Use the License Manager to deactivate the license on this workstation. For detailed instructions, see *Deactivating a license*.  
**Note:** An asterisk will be displayed next to the license status in the License Manager window. This asterisk indicates that the license has been deactivated.

## Deactivating a license (only for Per Seat licenses)

If a malfunction occurs on a workstation on which a Per Seat license has been activated, you can return the license to the server by first deactivating it on the workstation. Only after deactivating the license will you be able to assign it to a different workstation.

### To deactivate a license:

1. Launch the License Manager.
2. Select the license and click **Deactivate...**
3. Follow the instructions of the Deactivation Wizard.

**Note:** When deactivating a license by e-mail, you will receive a license status recovery file in reply. To complete the deactivation process, you must recover the status of the license. For detailed instructions, see *Recovering the status of a license (only for Per Seat licenses)*.

Once the deactivation process is complete, the status of the license will change to **Free**.

### Important!

1. The number of allowed deactivations is limited.
2. Make sure that the workstation is inaccessible and that ABBYY FineReader cannot be run on it.

## Recovering the status of a license (only for Per Seat licenses)

If the computer hosting the License Server has been renamed or the License Server has been moved to a different computer, you may recover the statuses of the licenses. The statuses of all the licenses related to the same serial number will be recovered simultaneously. Once the license statuses have been recovered, the relevant activation information will be updated in the License Manager.

### Step 1. Obtaining information about the license statuses from the ABBYY server

1. Launch the License Manager.
2. Select a license and click **Recover**.
3. On the menu that opens, select Recover status of selected license...
4. Follow the instructions of the License Status Recovery Wizard.

**The following license status recovery methods are available:**

- **Via the Internet**

Status recovery is carried out automatically and usually takes very little time. This method requires an active Internet connection.

- **By e-mail**

ABBYY FineReader will automatically generate an e-mail message containing the technical data required for license status recovery and prompt you to send this e-mail message to ABBYY. You will receive an auto reply with an attached file that contains license status recovery data. You must save this file to your hard disk and provide the path to the file in the corresponding field of the License Status Recovery Wizard.

**Important!** Do not alter the body and subject of the e-mail message to ensure a prompt reply from the mail robot.

- **By e-mail from another computer**

If your computer is not currently connected to the Internet, the License Status Recovery Wizard will help you create and save a file containing the required technical data. You can then send this file to ABBYY from any other computer that is connected to the Internet. You will receive an auto reply with an attached file that contains license status recovery data. You must save this file to your hard disk and provide the path to the file in the corresponding field of the License Status Recovery Wizard.

**Important!** The file created by the License Status Recovery Wizard must be sent to the following e-mail address:

**FineReader-activation@abbyy.com**

Once the license status recovery process is complete, the statuses of the activated licenses will be marked with asterisks (\*).

5. Once the statuses of the licenses in the License Manager window are updated, go to step 2.

### Step 2. Finding the workstations with activated licenses

- Reinstall ABBYY FineReader on the workstations.  
For detailed instructions, see *Installing ABBYY FineReader 9.0 on Workstations*.  
The statuses of the activated licenses will change to **Activated on**.  
Now you can deactivate the desired license in order to assign it to a different workstation.

**Note:** If you know the name of the workstation with an activated license, you can find this license by the workstation name:

1. In the License Manager, click **Recover**.
2. On the menu that opens, select **Find license by workstation name...**
3. Type the name of the workstation and click **OK**.

### Viewing the properties of a license

1. Launch the License Manager.
2. Select the desired license and click **Properties...**

The **License Properties** dialog box will open with detailed information about all the available licenses.

## Group Work in a LAN

ABBYY FineReader 9.0 provides tools and capabilities for processing documents over a local area network (LAN).

### Processing the same ABBYY FineReader document on several computers

When running ABBYY FineReader over a local area network, all the program tools and capabilities are available on the workstations. If an ABBYY FineReader document is to be used on several LAN computers simultaneously, the following should be taken into account:

- A separate copy of ABBYY FineReader 9.0 should be installed on each computer.
- All the users must have full access to the ABBYY FineReader document.
- Each user may add pages to the document and modify them. If a user adds new pages and launches the OCR process for them, the program will process the entire document anew. While processing:
  - a. The editing tools in the **Text** window will be unavailable
  - b. The pages in the **Text** window will have a gray background
  - c. Users can only check the spelling and correct errors in the textOnce the page background changes to white, all the tools in the **Text** window will become available.
- A document page that is being processed by one user is locked for the other users.
- Users may monitor page status from the **Document** window, including the computer that is processing the document, which user has opened a page, whether a page has been recognized or edited, etc.
- The fonts that are used in the ABBYY FineReader document must be installed on each computer. Otherwise, the recognized text may be displayed incorrectly.

### Using the same user languages and dictionaries on several computers

In ABBYY FineReader 9.0, several users can use the same user languages and dictionaries simultaneously. Several users can also add words to the same user dictionaries over the LAN.

To make user languages and dictionaries available to multiple users:

1. Create or open an ABBYY FineReader document and select the desired scanning and OCR options.
2. Before creating a user language, specify the network or local folder where user languages and dictionaries should be stored. By default, user languages and dictionaries are stored in the ABBYY FineReader document folder.

**To specify a storage location for user languages:**

  - Select **Tools>Options...**, click the **Advanced** tab, and provide the path to the folder under **User languages folder**.

**To specify a storage location for user dictionaries:**

  - Select **Tools>Options...**, click the **Advanced** tab, and then click the **Spell Checker Settings...** button.
  - In the **Spell Checker Settings** dialog box, click the **Browse...** button and select the desired folder.
3. Save the ABBYY FineReader document options to an \*.fnt file.
4. The users wishing to work with the languages and dictionaries stored in the above folder should load the document options from this \*.fnt file when creating a new ABBYY FineReader document, so that the same folder path will be used for all users.

**Important!** The users should have read and write permissions for the folder where user languages and dictionaries are stored.

To view the list of available user languages in the **Language Editor** dialog box, select **Tools>Language Editor...** and scroll to **User languages**.

When a user language is being used by several users, it is available as "read-only," and users will not be able to change user language properties. However, words can be added to and deleted from a user dictionary that is being used on multiple computers.

When a user is adding words to a dictionary or editing a dictionary, the dictionary becomes locked for the other users. Once finished, changes become available to all users that have access to this language storage folder.

To update a dictionary:

- While checking the spelling (**Tools>Check Spelling...**), click the **Add...** button in the **Check Spelling** dialog box or
- Click any button in the **Select Dictionary** dialog box (**Tools>View Dictionaries...**).



## **Technical Support**

If you have any questions about how to install and use ABBYY FineReader 9.0 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.abby.com](http://www.abby.com)**.