

ABBYY Lingvo x3

System Administrator's Guide

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Deploying ABBYY® Lingvo® x3 in a LAN

Introduction

ABBYY Lingvo x3 can be installed and used on a local area network.

The automated installation methods give you speed and flexibility when installing ABBYY Lingvo x3 on a local area network, as you do not have to install the program manually on each individual workstation.

Deploying ABBYY Lingvo x3 in a LAN

1. Create Administrative Installation
 - a. Install ABBYY Lingvo x3 License Server and ABBYY Lingvo x3 License Manager.
For details, see [How can I install the License Server and License Manager](#).
Note: ABBYY Lingvo x3 License Manager is purposed for license control. The computer where ABBYY Lingvo x3 License Manager is installed becomes **ABBYY Lingvo x3 License Administrator Station**.
 - b. Create Administrative Installation Point
An administrative installation point is created by providing a license server name and simple copying the setup files package from the CD-ROM into a folder on the server.
For details, see [How can I create the 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. Add licenses to ABBYY Lingvo x3 License Manager.
For details, see [Managing Licenses](#).
3. Install ABBYY Lingvo x3 on workstations using one of the following methods:
 - Manually in interactive mode
 - Via the command line
 - Microsoft® Active Directory®
 - Microsoft Systems Management Server (SMS)
 - Task Scheduler.

For details, see [Installing ABBYY Lingvo x3 on Workstations](#).

Notes:

The server (**\\MyLicenseServer**) where the License Server is installed must run under Microsoft Windows Vista®, Microsoft Windows® XP or Microsoft Windows Server® 2003.

The server (**\\MyFileServer**) where 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. Before installing ABBYY Lingvo x3 on workstations, it is required to add and activate the licenses on the server, create the pools, as well as assign the required licenses and pools to the required workstations. **You can obtain the Per Seat licenses and create the link to the server only at the moment of installing ABBYY Lingvo x3 on a workstation and it is determined by the license configuration as of the moment of installation! The number of the Per Seat license deactivation is limited!**
2. Do not place the License Server into the same folder with the Administrative Installation Point.
3. Do not install several different versions of ABBYY Lingvo on the same workstation.

System Requirements

Administrative Installation Folder requirements

1. 1.5 Gb free hard-disk space to create an Administrative Installation Point.
2. Read access to the administrative installation folder (e.g. \\MyFileServer\Programs Distributions\ **ABBYY Lingvo x3**) for all users on whose computers ABBYY Lingvo x3 is to be installed.
3. When using Active Directory® to deploy ABBYY Lingvo x3, 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).

ABBYY Lingvo x3 License Administrator Station requirements

1. PC running under Microsoft® Windows® XP or later.
To work with localized interfaces, the operating system must support the corresponding language.
2. 512 MB RAM or more.
3. 20 MB free hard-disk space.

Workstation requirements

1. PC with one of the following processors: Intel® Pentium®/Celeron®/Xeon™, AMD K6/Athlon™/Duron™ or processors compatible with them, with the clock frequency of at least 1 GHz.
2. PC running under Microsoft® Windows® Vista, Microsoft® Windows XP or Microsoft® Windows® Server 2003.
To work with localized interfaces, the operating system must support the corresponding language.
3. 512 MB RAM or more.

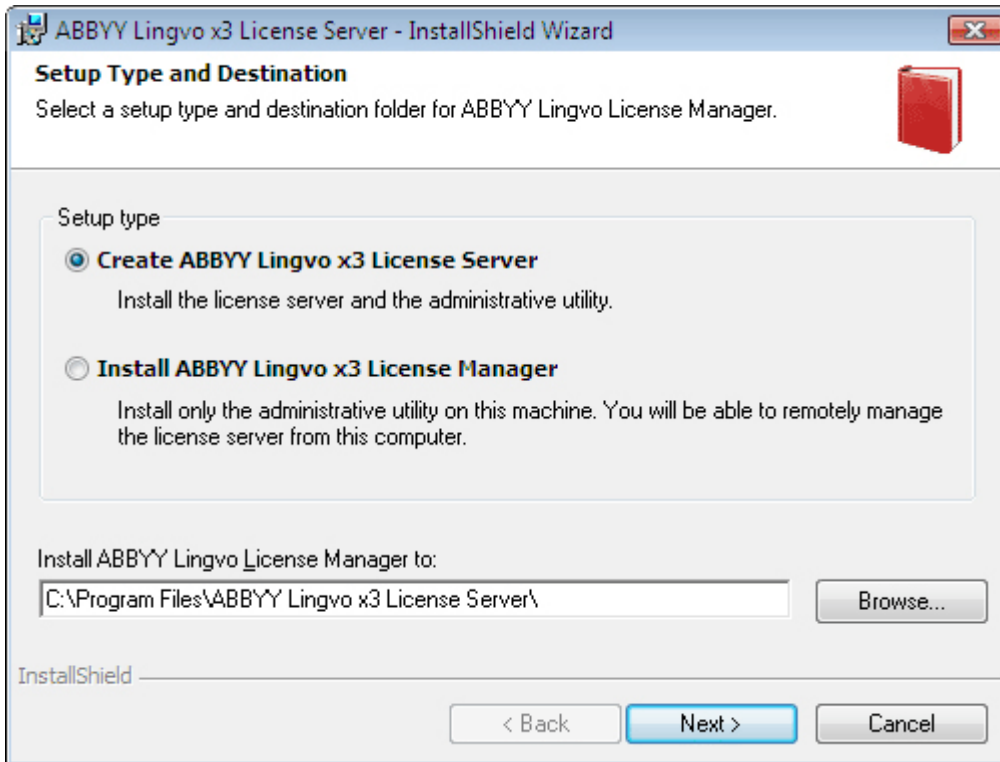
Creating Administrative Installation

How can I install the License Server and License Manager

1. Run **License Server\Setup.exe** from ABBYY Lingvo x3 setup disk.
2. Follow the setup program instructions.
During setup, you can:

Create a new server and install **ABBYY Lingvo x3 License Manager** utility to control licenses. 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 **ABBYY Lingvo x3 License Manager** with specifying the License Server name. In this particular case you 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 manage the ABBYY Lingvo x3 licenses:

- They shall have **ABBYY Lingvo x3 License Manager** utility installed on their computers.
- Each user must be a member of one of the two local groups on the License Server:
 1. ABBYY Licensing Administrators.
 2. BUILTIN\Administrators.

You can disable user authorization in the file

%programfiles%\Common Files\ABBYY\Lingvo\14.0\Licensing\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

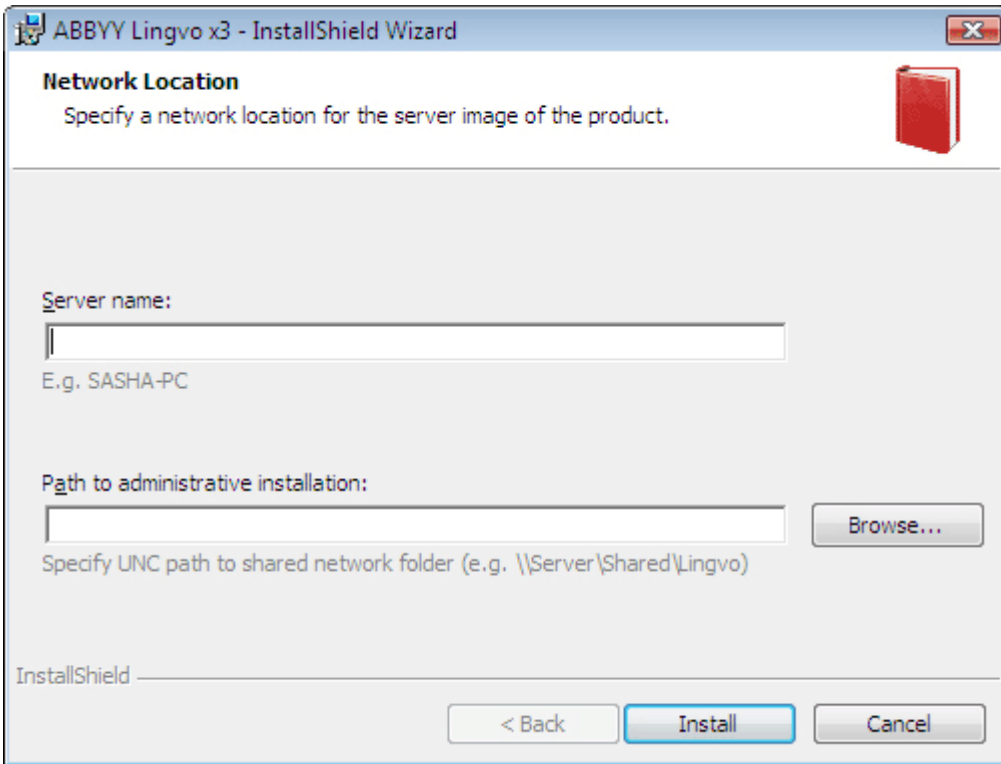
Important! For the changes to take effect, you must restart **ABBYY Lingvo x3 Licensing Service**.

How can I create the Administrative Installation Point

1. Run **AdminSetup.exe** from the ABBYY Lingvo x3 setup disk.
2. Follow the setup program instructions.
During setup you shall specify:
 - The License Server name
 - The path to the administrative installation folder.

Important!

1. For the setup, you should have the right to read and write the administrative setup folder.
2. Avoid moving the administrative installation point folder after ABBYY Lingvo x3 is installed on the workstations.



Installing ABBYY Lingvo x3 on Workstations

Important! Before installing ABBYY Lingvo x3 on workstations, it is required to add and activate the licenses on the server, create the pools, as well as assign the required licenses and pools to the required workstations.

You can obtain the Per Seat licenses and create the link to the server only at the moment of installing ABBYY Lingvo x3 on a workstation and it is determined by the license configuration as of the moment of installation!

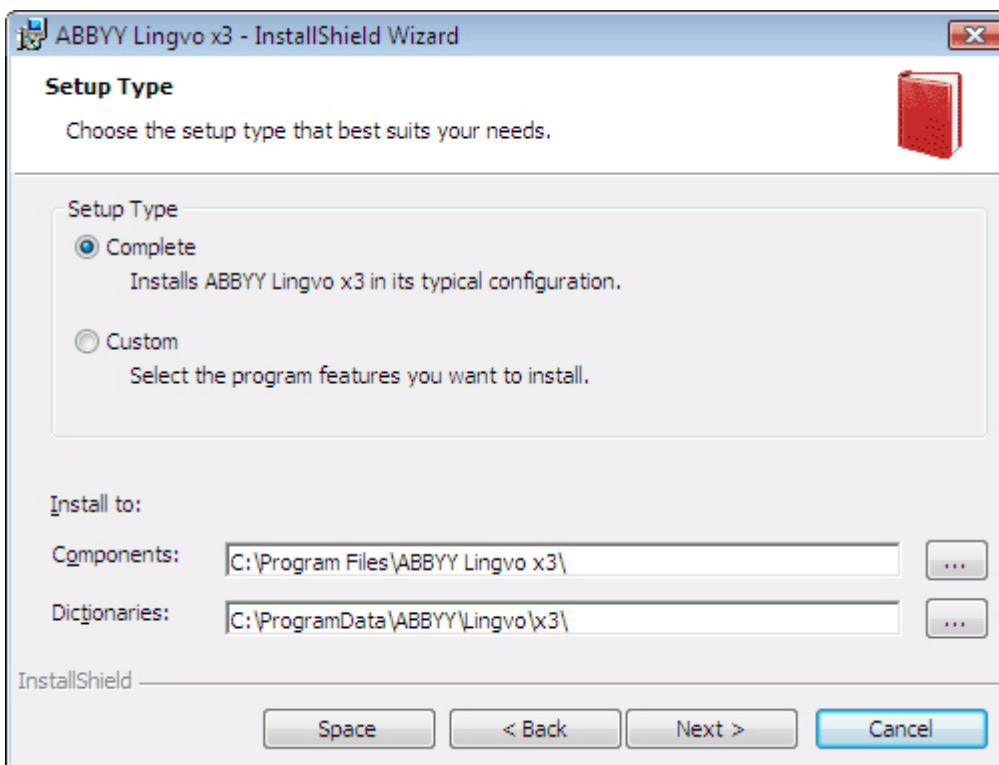
For details, see [Obtaining Licenses during ABBYY Lingvo x3 installation](#).

The number of the Per Seat License Deactivations is limited!

For details, see [Deactivating a license \(only for Per Seat licenses\)](#).

Interactive installation

1. Create ABBYY Lingvo x3 Administrative Installation (for details, see [Creating Administrative Installation](#)).
2. Run the **setup.exe** file in the administrative installation folder.



3. Follow the instructions of the **InstallShield Wizard**.

Command line installation

1. Create ABBYY Lingvo x3 Administrative Installation (see [Creating Administrative Installation](#)).
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 **Start** menu. Clicking this icon automatically installs the program in the default configuration.

Silent installation

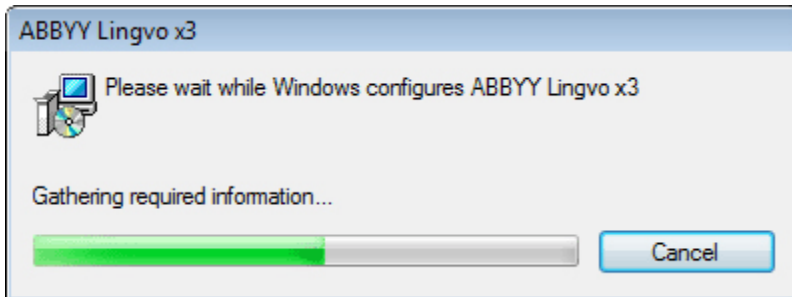
For silent installation, type

Setup.exe /qn

In the case of **Silent** installation, no **InstallShield Wizard** dialog boxes are displayed and the program is installed from the server in default configuration.

Default configuration means the installation when all ABBYY Lingvo x3 interface languages are installed automatically depending on the interface language 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 ABBYY Lingvo x3 interface language and installs the program with the interface language specified in the command line.

Possible **language code*** values:

1033	English
1031	German
1049	Russian
1058	Ukrainian
1036	French

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

/V"<command line>" transfers the specified command line directly to **msiexec.exe**, where instead of the <command line> you can specify the following:

INSTALLDIR="<destination path>" specifies the path to the folder where ABBYY Lingvo x3 will be installed.

Example:

Setup.exe /qn /L1049 /v"INSTALLDIR="C:\ABBYY Lingvo x3"

This command line will install ABBYY Lingvo x3 into **C:\ABBYY Lingvo x3** folder with the Russian interface language.

Uninstalling ABBYY Lingvo x3 in Silent mode

```
msiexec /x {A1400000-0000-0000-0000-074957833700}
```

Using Active Directory

Microsoft© Windows© Server 2003 includes an integrated directory service, **Active Directory**, which, in turn, includes **Group Policy**. The **Software Installation** snap-in, which is a 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 Lingvo x3 can be installed using the **Assign to Computer** method only.

Important!

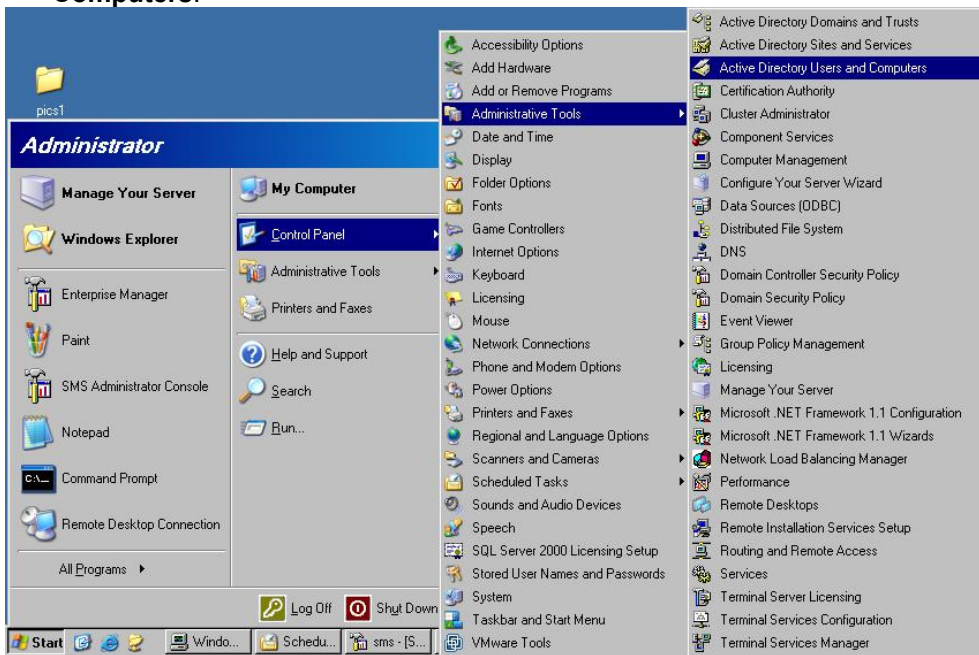
- ABBYY Lingvo x3 will be completely installed on a workstation only after the workstation is restarted.
- The **Publish to User** and **Assign to User** methods of ABBYY Lingvo x3 methods are not supported.

Example: Using Active Directory to deploy ABBYY Lingvo x3

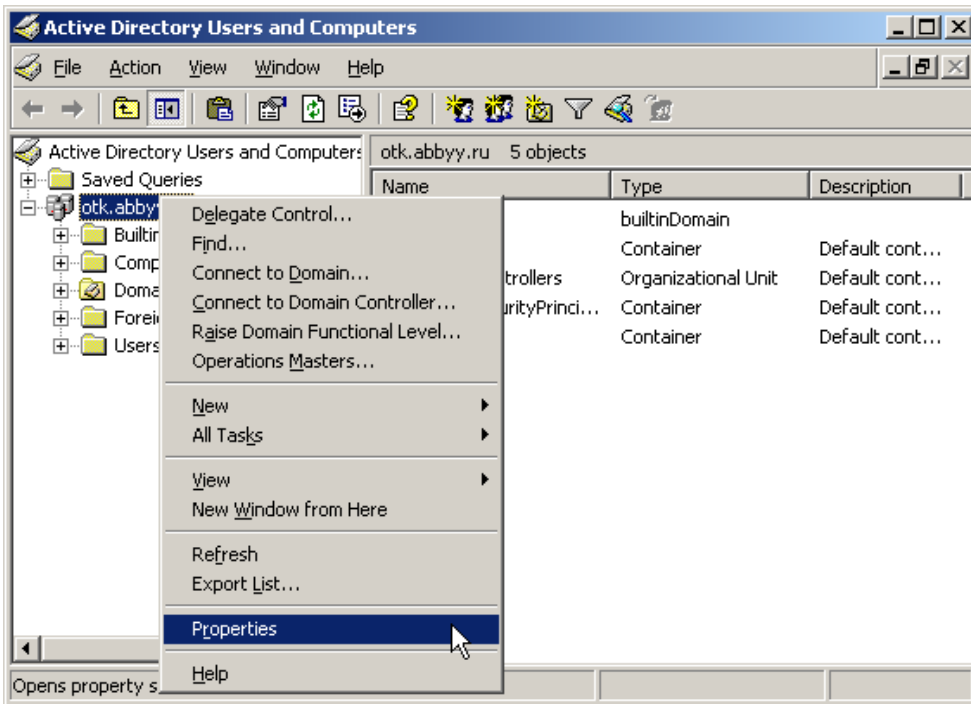
This example illustrates deployment under Microsoft Windows Server 2003 with Microsoft Group Management Console installed.

The program is installed on one domain computer or on a group of computers:

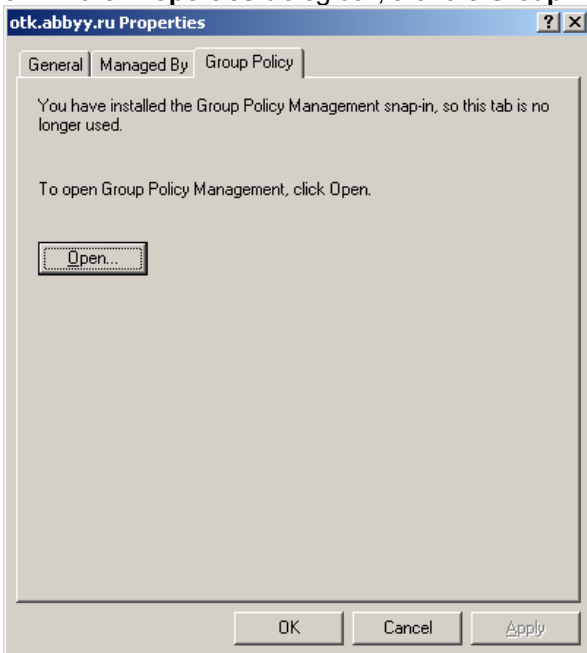
1. Create ABBYY Lingvo x3 Administrative Installation (see [Creating Administrative Installation](#)).
2. Go to **Start>Control Panel>Administrative Tools** and select **Active Directory Users and Computers**.



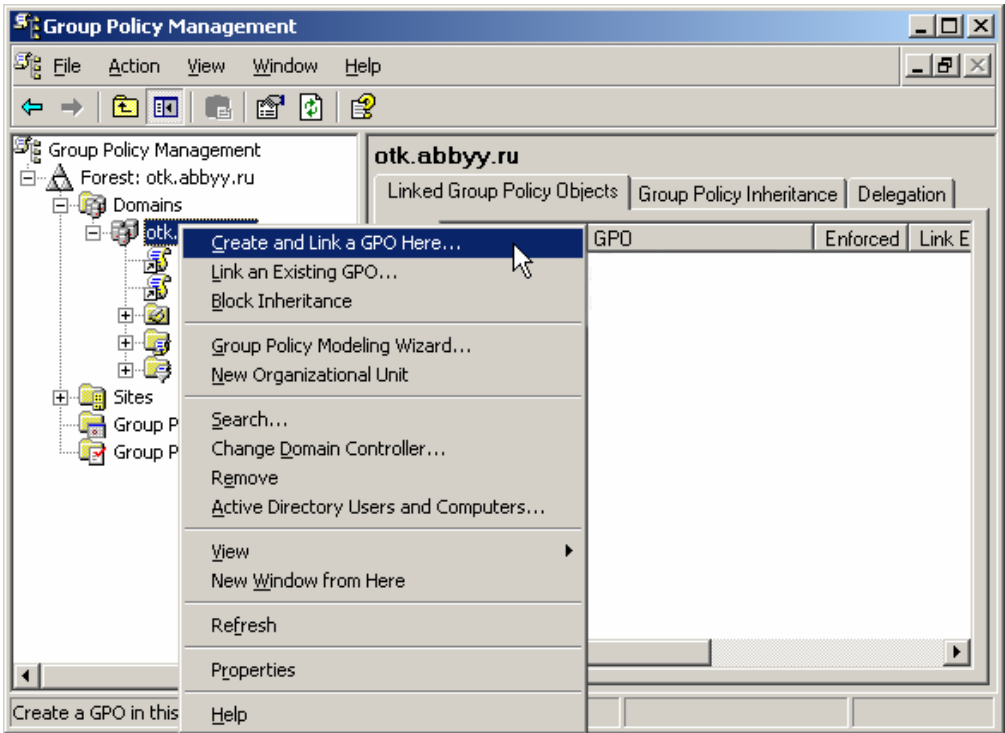
3. Right-click the site, domain, or another organized unit that contains the computer or group of computers on which ABBYY Lingvo x3 is to be installed.
4. On the shortcut menu, select **Properties**.



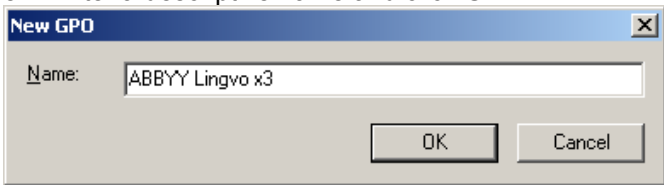
5. In the **Properties** dialog box, click the **Group Policy** tab and then click **Open...**



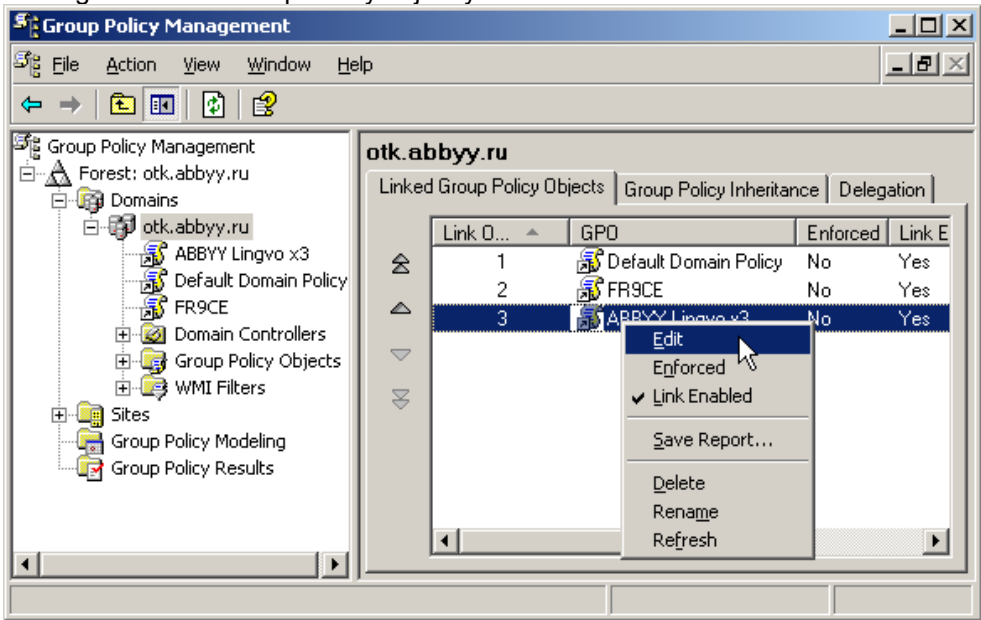
6. Right-click the organized unit that contains the computer or group of computers on which ABBYY Lingvo x3 is to be installed.
7. On the shortcut menu, select **Create and Link a GPO Here...**



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

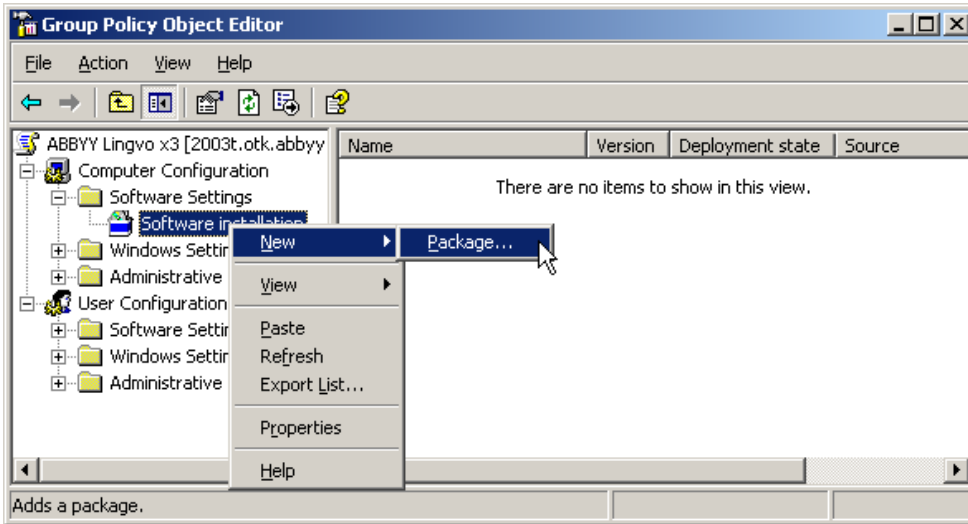


9. Right-click the Group Policy object you have created and select **Edit**.



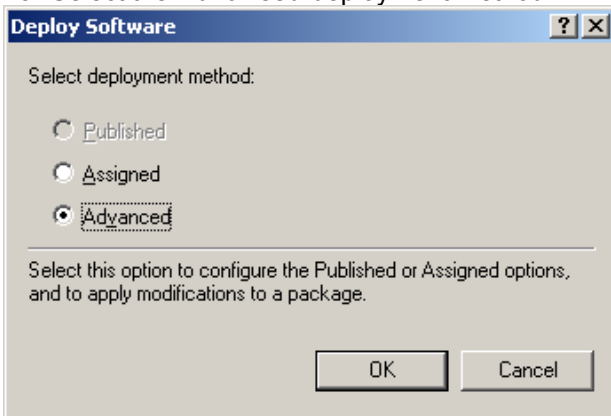
10. In the **Group Policy Object Editor** window, click **Computer Configuration> Software Settings>Software Installation**.

11. On the shortcut menu, select **New/Package...**

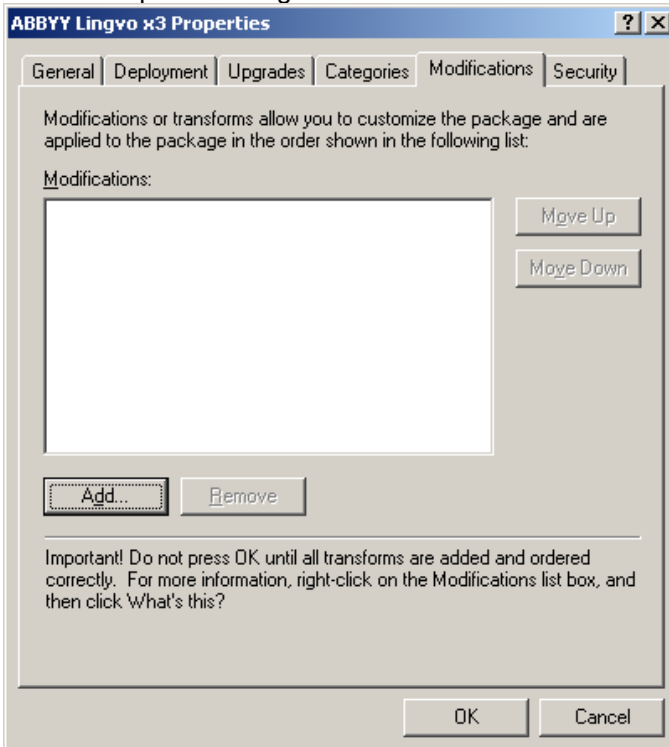


12. Provide the network path to **ABBYY Lingvo x3.msi** file that is located in the administrative installation folder on the server (see [Creating Administrative Installation](#)).

13. Select the **Advanced** deployment method.



14. In the opened dialog box click the **Modifications** tab and then **Add...** button.



15. Select the Interface Language file that will be used by ABBYY Lingvo x3 when installed on the workstations. The interface language files are located in the administrative installation folder on the server.

Files names and the corresponding languages:

1033.mst	English
1031.mst	German
1049.mst	Russian
1058.mst	Ukrainian
1036.mst	French

For example, to install ABBYY Lingvo x3 with the Russian interface language, select **1049.mst**.

Using Microsoft Systems Management Server (SMS)

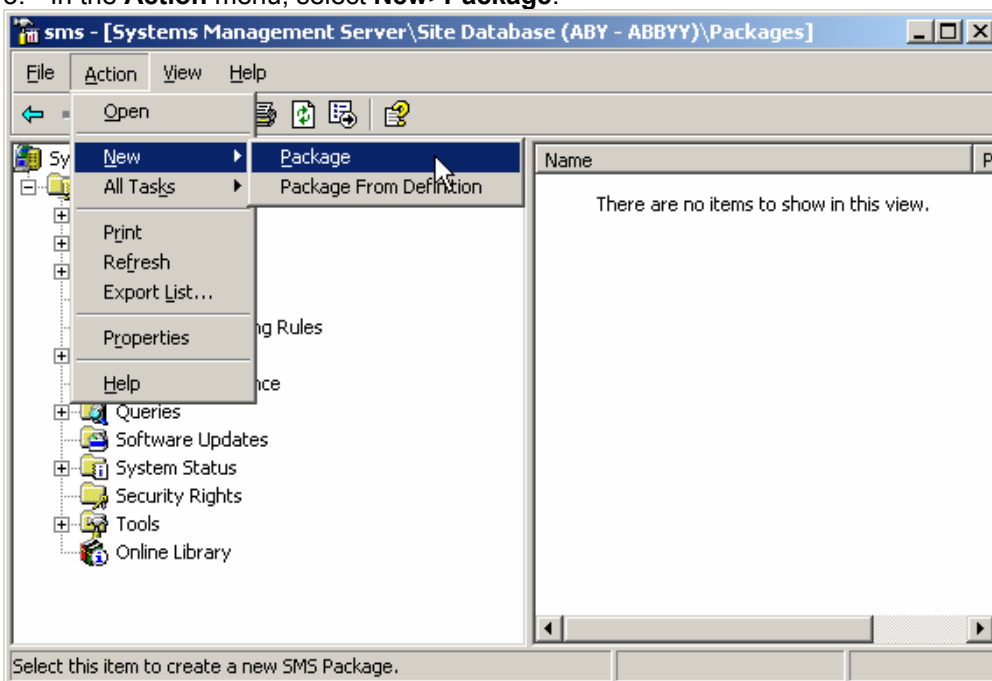
Microsoft Systems Management Server automates software deployment in a local area network and eliminates the need to go directly to the locations where the software is to be installed (computers, groups, or servers).

Software deployment using SMS comprises three stages:

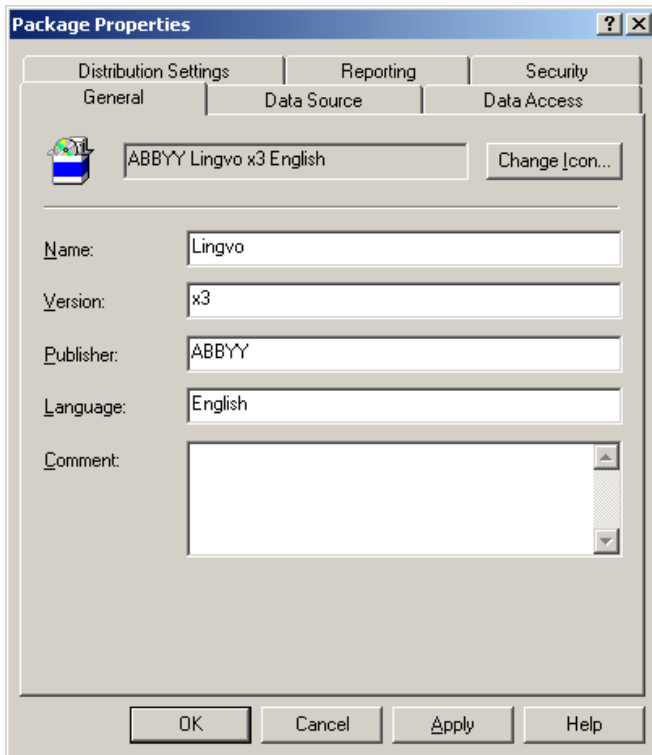
1. Preparing ABBYY Lingvo x3 deployment package.
2. Creating a deployment script, i.e. selection installation parameters:
 - Computer names
 - Time of installation
 - Installation conditions etc.
3. Installing the software on the specified computers by SMS in accordance with the installation parameters specified in the script.

Example: Using SMS to deploy ABBYY Lingvo x3

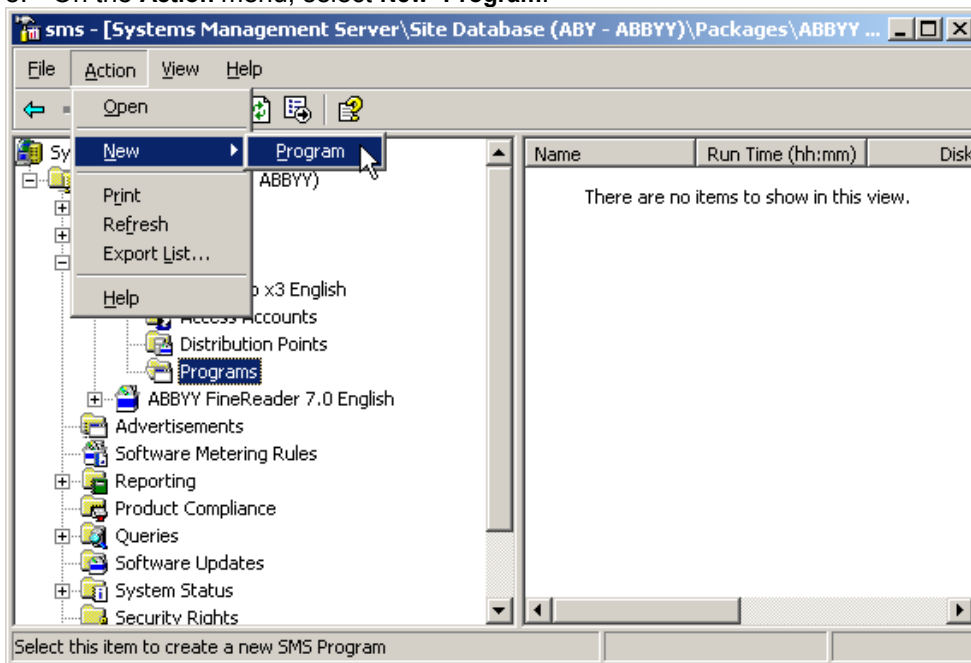
1. Create ABBYY Lingvo x3 Administrative Installation (see [Creating Administrative Installation](#)).
2. In the SMS Administrator Console, select the **Packages** item.
3. In the **Action** menu, select **New>Package**.



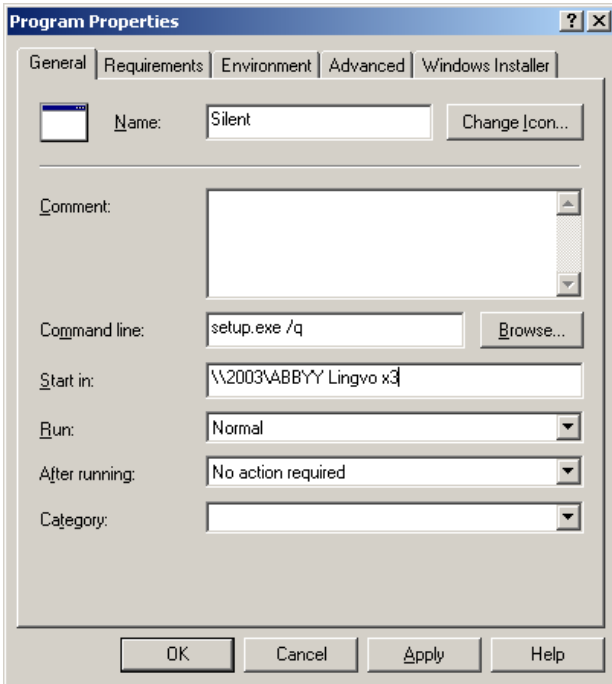
4. In the opened **Package Properties** dialog box enter the required package properties.



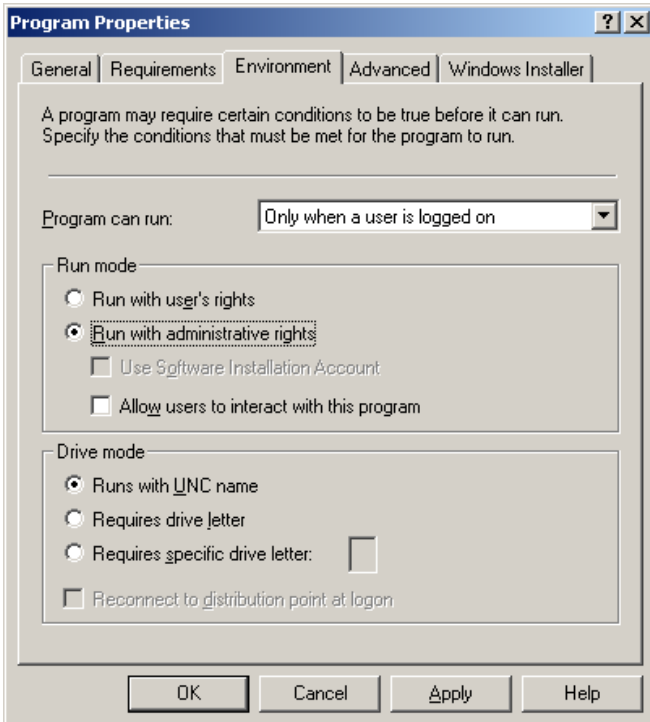
5. Click the **Data Source** tab.
6. Make sure that the **This package contains source files** box is not selected and click **OK**.
7. In the package you have just created, select **Programs**.
8. On the **Action** menu, select **New>Program**.



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. **\\2003\ABBYY Lingvo x3**).



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 **Distribute Software** and follow the instructions of the wizard.
- Important!** You cannot create Distribution Points.

Using Task Scheduler

To install ABBYY Lingvo x3 on workstations using **Task Scheduler**:

1. Create ABBYY Lingvo x3 Administrative Installation (see [Creating 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 Lingvo x3 License Server.
3. Create a new task on the workstation:
 - Specify the following parameters on the **Task** tab:
 - Run field: “\\MyFileServer\Programs Distributions\ABBYY Lingvo x3\setup.exe” /qn /L1033.
For a detailed description 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 Lingvo x3 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 Lingvo x3 on a terminal server?

The operation of ABBYY Lingvo x3 in terminal mode has been tested for the following configurations:

- Windows 2003 Terminal Server, Citrix Metaframe 4.0.

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

1. Create administrative installation.
The License Server and the License Manager can be installed on any computer in the local area network. For details, see [Creating Administrative installation](#).

2. Launch the ABBYY Lingvo x3 License Manager.

3. Add all your licenses.

4. Install **ABBYY Lingvo x3** from the administrative installation folder on the terminal server.

As a result, ABBYY Lingvo x3 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\Lingvo\14.0\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
For details, see Setting up the connection protocol.

- Connection port
For details, see Setting up the connection port.

Example:

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

Note: Make sure that your firewall does not prevent %programfiles%\Common Files\ABBYY\Lingvo\14.0\Licensing\NetworkLicenseServer.exe from accessing the specified port.

3. Copy the **Licensing.ini** file

- 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 Lingvo x3 License Server**.

- In the administrative installation folder where Lingvo.exe is located.
E.g. **\\MyFileServer\Programs Distributions\ABBYY Lingvo x3**.

Important! For the changes to take effect, you must restart **ABBYY Lingvo x3 CE Licensing Service**.

4. Install ABBYY Lingvo on the workstations.
For details, see [Installing ABBYY Lingvo x3 on 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 Lingvo x3 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 Lingvo x3 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 Lingvo x3 on the workstations?

Repairing ABBYY Lingvo x3 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 Lingvo x3** and click **Change**.
3. In the opened **Program Maintenance** dialog box, select **Repair** and click **Next**.
4. Follow the instructions of the **Wizard**.

Repairing ABBYY Lingvo x3 via the command line

On the workstation, execute the following command:

```
msiexec /fv {A1400000-0000-0000-0000-074957833700}
```

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

If you deployed ABBYY Lingvo x3 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 Lingvo x3 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 **NetworkServerName=<COMPUTER NAME>** in the file
%Program Files%\ABBYY Lingvo x3 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 Lingvo x3 License Manager**.

4. Add and activate your licenses in ABBYY Lingvo x3 License Manager. For details, see [Adding and activating a license](#).
Note: It is recommended that the status of Per Seat license be recovered. For details, see [Recovering the status of a license \(only for Per Seat licenses\)](#).
5. In the Administrative Installation Point, go to the ABBYY Lingvo x3 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 [How can I create the 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 Lingvo x3 on all the workstations.
For details, see [Installing ABBYY Lingvo x3 on Workstations](#).

Managing Licenses

General

ABBYY Lingvo x3 License Manager is a utility specifically designed for managing ABBYY Lingvo x3 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 Lingvo x3 in a LAN, see [Creating Administrative installation](#).

The ABBYY Lingvo x3 License Manager allows you to:

- Add and activate licenses
- Assign licenses to particular workstations
- Use pools for more effective license control
- Obtain information about the parameters of your licenses
- Update license statuses.

License Types and Statuses

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

Concurrent

Concurrent license is installed and activated on the server by the administrator using **ABBYY Lingvo x3 License Manager** utility. During ABBYY Lingvo x3 installation on the workstation, a link to the server can be created for obtaining Concurrent licenses (for details, see [Obtaining Licenses during ABBYY Lingvo x3 installation](#)). If the link was created, when started on the workstation, ABBYY Lingvo x3 addresses the server. If there are suitable Concurrent licenses on the server at that moment, ABBYY Lingvo x3 «takes» them (for details, see [Obtaining Concurrent Licenses during ABBYY Lingvo x3 installation](#)).

During work, ABBYY Lingvo x3 maintains the connection with the server; therefore, it is not recommended to install Concurrent licenses on workstations with hindered connection to the server or on portable workstations (laptops).

When ABBYY Lingvo x3 is closed down, the license is released. If there are no free Concurrent licenses on the server, the program will issue a corresponding warning message.

Note: In the case of Concurrent licenses, the total number of ABBYY Lingvo x3 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.
- **Reserved for**
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

Important!

Activate **Per Seat** license before installing ABBYY Lingvo with the **Per Seat** license on the computer!

Per Seat licenses are installed and activated on the server using **ABBYY Lingvo x3 License Manager** utility. When ABBYY Lingvo x3 is installed on a workstation, the **Per Seat** license is bound to the workstation as a result of activation. Once the program has been activated, it will not address the server in order to obtain a license. This means that ABBYY Lingvo x3 operate autonomously on the workstation.

Note. The total number of the copies of the ABBYY Lingvo x3 program in the local area network cannot exceed the number of licenses. Several Per Seat licenses can be installed on one workstation.

Important! When you activate a license on a workstation, the **ABBYY Lingvo x3 Licensing Service** system 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 Lingvo x3 manually when launching it on 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.
- **Reserved for**
The license has been assigned to a particular workstation, but has not yet been installed on that workstation.
- **Installed on**
ABBYY Lingvo x3 has been installed on a workstation. During the installation process, the license was transferred 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 Lingvo x3 can operate autonomously on that workstation.

License Pools

Pool is a number of equal licenses (serial numbers).

There are two types of pools: **Concurrent Pools** may contain only Concurrent licenses, and **Per Seat Pools** may contain only Per Seat licenses. The pool type may be set when creating the pool.

Each license belongs to a pool.

Pools are created and managed by the administrator, and also created automatically for each added license.

Unlike separate license, pools can be assigned to more than one workstation.

How Workstations Obtain Licenses

License Priority in the Per Seat Pool

When addressing the Per Seat Pool, the workstation receives a license with the highest priority from it.

The list of the Per Seat licenses, by decreasing the priority, for the given workstation:

1. License activated on the given workstation.
2. License installed on the given workstation.
3. License assigned to the given workstation.
4. Available (not assigned to any workstation) license.

Obtaining Licenses during ABBYY Lingvo x3 Installation

During ABBYY Lingvo x3 installation on the workstation, a link to the server is created for obtaining Concurrent licenses (if certain conditions are met; see below), and the obtaining and activation (bounding to the workstation) of the Per Seat licenses occurs.

Note. The obtaining of Concurrent licenses occurs during the startup of ABBYY Lingvo x3 under condition that a link to the server was created during the setup.

Note. If at the moment of obtaining the license by the workstation the activation cannot be performed (for example, due to absence of the Internet connection), during the first startup of ABBYY Lingvo x3 on the workstation, a dialog box with a suggestion to activate the license will appear.

How workstation obtains a license:

1. One license is assigned from each Per Seat pool assigned to the given workstation or containing the license assigned to the given workstation (if there are such pools).
If a license cannot be obtained from the relevant pool, an error occurs and the process of obtaining the license stops.

2. If there is at least one Concurrent pool assigned to the given workstation or containing the license assigned to the given workstation, a link to the server is created (for obtaining Concurrent licenses).

If at least 1 pool was found at Step 1, or if Step 2 was completed successfully, the process of obtaining the licenses is completed (further steps are not necessary to complete).

3. It is verified if there is at least one available (not assigned to any workstation) Concurrent pool containing at least one available license.
If there is, a link to the server is created (for obtaining Concurrent licenses) and the process is completed.
4. If no suitable Concurrent pool was found at Step 3, one license is given from each available (not reserved for any workstation) Per Seat pool containing licenses not assigned to this workstation and among them there is at least one available license.
5. If no suitable Concurrent pool was found at Step 4, a link to the server is created, and during the first startup of ABBYY Lingvo x3 on the workstation the procedure for obtaining the license is repeated.

License Priority in the Concurrent Pool

When addressing the Concurrent Pool, the workstation receives a license with the highest priority from it.

The list of the Concurrent licenses, by decreasing the priority, for the given workstation:

1. License assigned to the given workstation.
2. Available (not assigned to any workstation) license.

Obtaining Concurrent Licenses during ABBYY Lingvo x3 Installation

Concurrent licenses are obtained **at the moment of ABBYY Lingvo x3 startup on the workstation and only under condition that at the moment of ABBYY Lingvo x3 installation on the workstation a link to the server was created (i.e. Step 2 or 3 was completed successfully during the obtaining of the licenses)**.

How workstation obtains a Concurrent license:

1. One license is assigned from each Per Seat Pool assigned to the given workstation or containing the license assigned to the given workstation (if there are such pools).
2. If no suitable Concurrent pool was found at Step 1, one license is given from each available (not reserved for any workstation) Concurrent pool containing only licenses not assigned to this workstation (if there are such pools).

Work with Licenses

Before using ABBYY Lingvo x3 on the workstations, it is required to add the licenses using **ABBYY Lingvo x3 License Manager**.

Launching ABBYY Lingvo x3 License Manager

In Start>Programs>ABBYY Lingvo x3 tools select ABBYY Lingvo x3 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 and use 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.

Unless you activate your license, you will not be able to use ABBYY Lingvo x3.

To add and activate a license:

1. Launch **ABBYY Lingvo x3 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.

Different activation methods

— **Via the Internet (fast, recommended)**

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

— **By E-mail (fast)**

You will be offered to send an automatically generated e-mail message to ABBYY containing the data required for the activation of the program.

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

— **By phone (slow)**

In the Activation Wizard dialog box select your country. The wizard will prompt you to contact the nearest ABBYY office or the partner over the phone. Dictate to the technical support operator the serial number and Product ID as displayed in Activation Wizard dialog box.

Important! Obtaining the activation code over the phone may require considerable time.

— **On the website (fast)**

In the Activation Wizard dialog box there is the address of the Internet page, the serial number and the Product ID parameter (you can copy them).

Visit the indicated Internet page and enter the serial number and Product ID in the relevant fields on the page.

Save the obtained activation file to the disk.

— **By e-mail from another computer (slow)**

In the Activation Wizard dialog box there is the text for the e-mail message and e-mail address.

On another computer, create an e-mail, copy the text into it and send it to the provided e-mail address. As the reply, you will receive an e-mail with the activation file.

Activating Per Seat Licenses on Workstations

During ABBYY Lingvo x3 installation to the workstation, the activation of the license on the given workstation takes place.

Important! Before installing ABBYY Lingvo x3 on the workstations, add and activate licenses on the server, create pools, as well as assign the required licenses and pools to the required workstations. The number of Per Seat License deactivations is limited. For details, see [Deactivating a license \(only for Per Seat licenses\)](#).

Note. If at the moment of ABBYY Lingvo x3 installation on the workstation the ABBYY Lingvo x3 License Server did not have access to the Internet, after running ABBYY Lingvo x3 it will be necessary to activate the Per Seat License.

Note. If at the moment of ABBYY Lingvo x3 installation on the workstation the ABBYY Lingvo x3 License Server did not have access to the Internet, after running ABBYY Lingvo x3 it will be necessary to activate the Per Seat License.

How to Assign the License

You can assign a license to a particular workstation. In this case, this workstation will have priority for the use of this license.

To assign the license:

1. Start ABBYY Lingvo x3 License Manager.
2. Select the license and click **Assign**.
3. In the pop-up dialog box, enter the name of the workstation for which the license will be assigned. In the dialog box of the license manager, the status of this license will change for **Assigned**.

Assigning Licenses

It is recommended to assign a **Per Seat** license before ABBYY Lingvo x3 installation on the workstation.

How to Release a Assigned License

At the startup of ABBYY Lingvo x3 on the workstation, the program can occupy either a license assigned to this workstation or an available one.

How to Release an Assigned Concurrent License

1. Start ABBYY Lingvo x3 License Manager.
2. Select the license and click **Release**.
Note. Before releasing an assigned Per Seat license, it is necessary to deactivate and deinstall it.

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 ABBYY Lingvo x3 License Manager.
2. Select the license and click **Deactivate...**
3. Follow **Deactivation Wizard** instructions.

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 details, 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** or **Assigned**.

Important!

1. The number of allowed deactivations is limited.
2. Make sure that the workstation is inaccessible and ABBYY Lingvo x3 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 ABBYY Lingvo x3 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 Lingvo x3 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: product-activation-robot@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 Lingvo x3 on the workstations.
For details, see [Installing ABBYY Lingvo x3 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 ABBYY Lingvo x3 License Manager, click **Find**.
2. Type the name of the workstation and click **OK**.

Viewing the properties of a license

1. Launch ABBYY Lingvo x3 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.

Work with Pools

How to Create a Pool

1. In ABBYY Lingvo x3 License Manager select **Pool->Create...**
2. In the pop-up dialog box, enter the pool name and select its type: Per Seat or Concurrent. Click **OK**.

Note. It is impossible to change the type of the created pool.

Note. When adding and activating the license on the server, the pool for it is created automatically.

How to Add a License to a Pool

1. In ABBYY Lingvo x3 License Manager select the required serial number, right-click on it and select **Move to Pool...**
2. In the pop-up dialog box, select the pool and click **OK**.

Advice. To add a license to a pool, you can also simply drag-and-drop the serial number to the required pool, by holding down the left button on the mouse.

Note. Per Seat Licenses can be added only to Per Seat pools, and Concurrent licenses – only to Concurrent pools.

How to Assign a Pool

1. In ABBYY Lingvo x3 License Manager selects the required pool and click **Assign**.
2. In the pop-up dialog box, enter the names of the workstations and click **OK**. You can enter the names of the workstations manually (click **Enter...**) or through the system dialog box (click **Select...**).

Examples of Distribution of Licenses among the Workstations

How to Distribute Two Separate Per Seat License Sets between Two Groups of Users

Supposing, there are two sets of Per Seat Licenses: licenses of Type **A** and licenses of Type **B** and two group of workstations: Group **1** and Group **2**. It is necessary to install on the workstation of the first group only the licenses of Type **A**, and on the workstations of the second group – only license of Type **B**.

1. Create Administrative Installation (for details, see [Creating Administrative Installation](#)).
2. Add the licenses of Groups **A** and **B** to ABBYY Lingvo x3 License Manager (for details, see [Managing Licenses](#)).
3. Create two Per Seat Pools: Pool **A** and Pool **B**. To Pool **A** add licenses of Type **A**, and to Pool **B** – licenses of Type **B**.
4. Assign Pool **A** for the first group of workstations, and Pool **B** – for the second group.
5. Install ABBYY Lingvo x3 on the workstations of the first and second groups (for details, see [Installing ABBYY Lingvo x3 on Workstations](#)).

During the installation, the workstations of the first group will each receive a license of Type A, and the workstations of the second group – one license of Type B each (for details see [Obtaining Licenses during ABBYY Lingvo x3 Installation](#)).

How to Distribute Concurrent and Per Seat Licenses among Stationary and Portable Workstations

Suppose, there are two sets of licenses: Per Seat licenses and Concurrent licenses. It is required to distribute the licenses among stationary workstations and portable workstations (laptops).

On portable workstations, a link to the server should not be installed for obtaining Concurrent licenses as to use Concurrent licenses, stable connection with the server is required.

Thus, on portable workstations, it is necessary to install Per Seat licenses. To do this, before installing ABBYY Lingvo x3 on workstations, it is required to create and assign Per Seat pools for portable workstations.

1. Create Administrative Installation (for details, see [Creating Administrative Installation](#)).
2. Add Concurrent and Per Seat licenses to ABBYY Lingvo x3 License Manager (for details, see [Managing Licenses](#)).
3. Create two pools: Per Seat pool and Concurrent pool. In the Per Seat pool, add Per Seat licenses and in the Concurrent pool – Concurrent licenses.
4. Assign the Per Seat pool to portable workstations, and the Concurrent pool – to stationary workstations.
5. Install ABBYY Lingvo x3 on the workstations (for details, see [Installing ABBYY Lingvo x3 on Workstations](#)).

Let us consider how licenses are distributed among workstations during the installation (for details, see [Obtaining Licenses during ABBYY Lingvo x3 Installation](#)).

Step 1

Per Seat licenses can be installed on portable workstations, as the Per Seat pool is assigned to portable workstations.

Per Seat licenses will not be installed on stationary workstations.

Step 2

Links to the server will not be created on the portable workstations, as the Concurrent pool is assigned to other workstations – stationary. Therefore, at the startup of ABBYY Lingvo x3 on a portable workstations, there will be no inquiry sent to the server for the Concurrent licenses.

Links to the server will be created on the stationary workstations, as the Concurrent pool is assigned to them. At each startup of ABBYY Lingvo x3, there will be an inquiry sent to the server for the Concurrent licenses and obtaining suitable licenses (for details, see [Obtaining Concurrent Licenses during ABBYY Lingvo x3 installation](#)).

This completes obtaining licenses during the installation, as for each workstation one of the two steps has been completed successfully.

Note. If you need to install Per Seat licenses on laptops, and Concurrent licenses – on stationary computers when there are only two pools (Per Seat and Concurrent), it is sufficient to assign only one of the pools. The licenses will be distributed correctly (for details, see [Obtaining Licenses during ABBYY Lingvo x3 Installation](#)). When there is a great number of pools and user groups, it is recommended to assign all the pools.

Technical Support

If you have any questions about how to install and use ABBYY Lingvo x3 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.