



LINGVO FINE READER

FINE READER LINGVO

ABBYY Lingvo 12

System Administrator's Guide

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Network Installation

General

ABBYY Lingvo 12 provides convenient tools for network installation and operation. The installation of ABBYY Lingvo 12 consists of two stages:

1. Installing ABBYY Lingvo 12 on the server;
2. Installing ABBYY Lingvo 12 on LAN workstations using one of the five methods below:
 - Active Directory.
 - Microsoft Systems Management Server (SMS).
 - Task Scheduler.
 - Command line.
 - Manual interactive mode.

Automated installation methods give you speed and flexibility when deploying ABBYY Lingvo 12 in a corporate network because you do not need to install the program manually on each workstation.

Creating an Administrative Installation Point

When you create an administrative installation point, the program files from the installation CD-ROM are copied into a network folder which is to become an administrative installation point. At the same time, ABBYY Lingvo 12 Licence Manager is installed and a licence database is created on the computer from which the administrative installation point is being created.

Important! An administrative installation point can be created from any computer. Note, however, that once the administrative installation point has been created, the computer from which it has been created becomes a licence server.

To create an administrative installation point, run the **setup.exe** file from the ABBYY Lingvo 12 installation CD-ROM.

The setup program will ask you to specify a network folder in which to create the administrative installation point. This must be a shared network folder that can be accessed from any workstation on which you are planning to install the program (e.g. **\\MyServer\Programs\Lingvo 12AdminSetup**). Once you have created an administrative installation point on the server, this folder will contain the files required for installing the program on workstations. The setup program will also ask you for the path to the folder where the Licence Manager is to be installed and where the licensing service and licence files will reside.

Once the administrative installation point has been created, you must do the following:

1. Run the **Licence Manager** (Start>ABBYY Lingvo 12 Utilities).
2. Enter the serial number of the licence and activate it.
3. Repeat step 2 for other licences (if any).

Now ABBYY Lingvo 12 can be deployed onto the workstations.

Important!

1. Do not change the network name of the licence server computer after the program has been deployed onto workstations or after the licences have been activated, because the path to the licence server is stored locally on the workstations and in the licence files.
2. Do not install several ABBYY Lingvo 12 editions on one workstation.

Administrative Installation Point Requirements

1. 0.7 to 1.3 GB (depends on your edition of ABBYY Lingvo) of free hard-disk space to store the files of the administrative installation point.
2. Read access to the shared folder with the administrative installation point for ABBYY Lingvo users from whose accounts ABBYY Lingvo is to be installed on the workstations.

Tip: When using Active Directory®, this account is **Domain Computers**.

3. The number of connections supported by the server on which the administrative installation point will be located must not be less than the total number of simultaneous installations onto the workstations.

Licence Server Requirements

1. Microsoft® Windows® 2000/Server 2000/XP/Server 2003/Server 2003 x64

Important! A computer running under Windows 9x cannot be used as the licence server.

2. 20 MB of free hard-disk space

3. All the users installing or running ABBYY Lingvo on their workstations must be authorized to access the licence server.
4. The number of connections supported by the server on which the administrative installation point will be located must not be less than the total number of ABBYY Lingvo users (only for **Concurrent** licences). Microsoft Windows 2000 Professional, for example, supports only eleven connections at a time, which means that Lingvo cannot be deployed on more than eleven workstations.

Workstation Requirements

1. PC with 400 MHz or higher processor;
2. Microsoft® Windows® 2000/XP;
 - Cyrillic support required for the Russian interface
 - To work with the Chinese language, a font supporting the Chinese characters must be installed on the workstation
3. At least 64 MB of RAM;
4. Hard-disk space: at least 100 MB to install the program. Depending on the components selected, additional hard-disk space may be required;

Note: If there is not enough space on your hard disk, the setup program will display a message asking you to free up disk space and telling you how much space should be freed. You can also obtain this information by clicking the Space button in the Custom Setup dialog box. In the case of Custom Setup, the program will create temporary files on your computer. Typically, the program will need 150 MB to store temporary files (including 35 MB in the Temp folder).
5. Sound card, headphones or loudspeakers to listen to pronunciations;
6. Microsoft Internet Explorer 6.0;

Note: If you are using a more recent version of Microsoft Internet Explorer, ABBYY Lingvo may not work properly.

Installing Lingvo on Workstations in Interactive Mode

To install Lingvo on workstations in interactive mode, run **setup.exe** from the administrative installation point and follow the instructions of the Installation Wizard.

Installing ABBYY Lingvo on Workstations via the Command Line

To install Lingvo on the workstations, run **setup.exe** from the administrative folder with the command-line options described below:

Advertise installation

To run this mode, use the command:

Setup.exe /jm

The program icon will appear in the **Start** menu of the workstation. Clicking this icon will start the automated installation of the program.

Automated installation

In this mode, no Installation Wizard dialog boxes will be displayed. The program will be installed from the server in the default configuration (i.e. full installation into %programfiles%\ABBYY Lingvo 12):

Setup.exe /qn

If you change the **/qn** option to **/qb**, a progress bar will be displayed during the installation. No other dialog boxes will be displayed.

Additional command-line options (automated installation only)

/L<language code> – starts installing Lingvo with the specified interface language (the same language will be selected at the first start of ABBYY Lingvo)

Possible values of **language code**:

1033: English

1049: Russian

1958: Ukrainian

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

"USERCONFIGURATION=0" – uses the same configuration of dictionaries for all the users of this computer (by default, individual configurations are used for each user).

- **INSTALLDIR**="<destination path>" – path to the folder where ABBYY Lingvo will be installed
- **SETUPTYPE**="MAX_NET"/"CUSTOM" – installation type (network or local).
- **LINGVOAPPINTEGRATION_CMD**="No" – disables integration of ABBYY Lingvo with other applications (Microsoft Word, Microsoft Internet Explorer).
- **LINGVOTUTOR_CMD**="No" – ABBYY Lingvo Tutor will not be installed
- **LINGVOPDA_CMD**="No" – ABBYY Lingvo will not be installed on handheld devices and smartphones
- **LINGVOSOUND_CMD**="No" – the sound files will not be installed.

By default, the program is installed locally in standard mode: all dictionaries, the sound files and ABBYY Lingvo Tutor™ are installed on the local computer.

For example:

Setup.exe /qn /L1049 /v"LINGVOSOUND_CMD=No INSTALLDIR="D:\Lingvo 12\""

As a result, **ABBYY Lingvo 12** will be installed into the **D:\LINGVO12** folder with the Russian interface and without the sound files.

Removing Lingvo 12 in Silent mode

- msisexec /x {A1200000-0001-0000-0000-074957833700} /qn for **ABBYY Lingvo 12 English Edition**
- msisexec /x {A1200000-0002-0000-0000-074957833700} /qn for **ABBYY Lingvo 12 European Edition**
- msisexec /x {A1200000-0003-0000-0000-074957833700} /qn for **ABBYY Lingvo 12 Three Languages**
- msisexec /x {A1200000-0004-0000-0000-074957833700} /qn for **ABBYY Lingvo 12 Multilingual Edition**

Installing ABBYY Lingvo on Workstations By Using Active Directory

Both the MS Windows 2000 Server and MS 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 software applications simultaneously on several workstations.

Note: The **Software Installation snap-in** can be used to install software applications only on workstations working under Microsoft Windows 2000 or Microsoft Windows XP.

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

- **"Publish to User";**
- **"Assign to User";**
- **"Assign to Computer".**

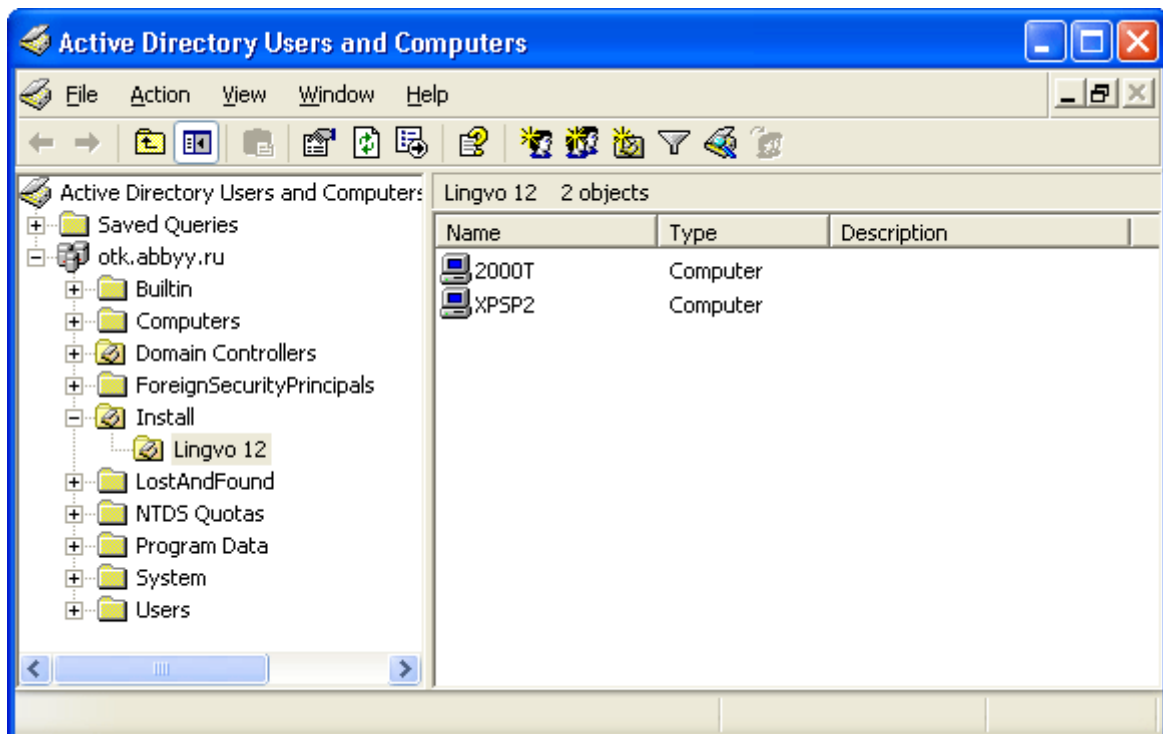
ABBYY Lingvo 12 can be installed using the **"Assign to Computer"** script. Lingvo will be installed on the workstation once the workstation has been restarted. Installation by means of the **"Publish to User"** and **"Assign to User"** scripts is not supported.

Deploying ABBYY Lingvo in a network by using Active Directory

Microsoft Windows Server 2003 with Microsoft Group Management Console was used to create the instructions below.

To install Lingvo on a domain computer or group of computers:

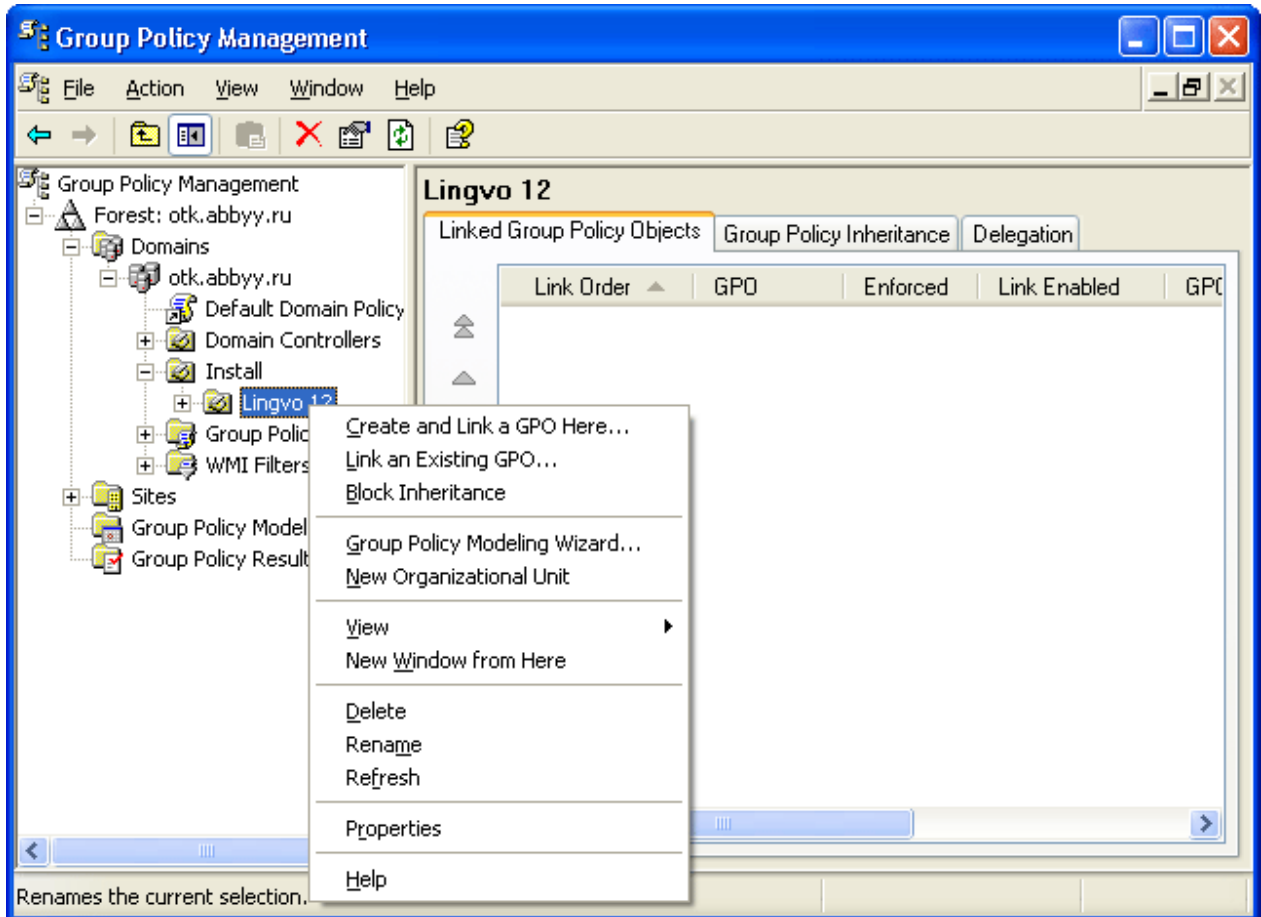
1. Create an administrative installation point as described above (see *"Creating an Administrative Installation Point"*).
2. Go to **Start>Control Panel>Administrative** and select the **Active Directory Users and Computers** item.
3. Right-click the site, domain, or organized unit onto which ABBYY Lingvo 12 will be installed.



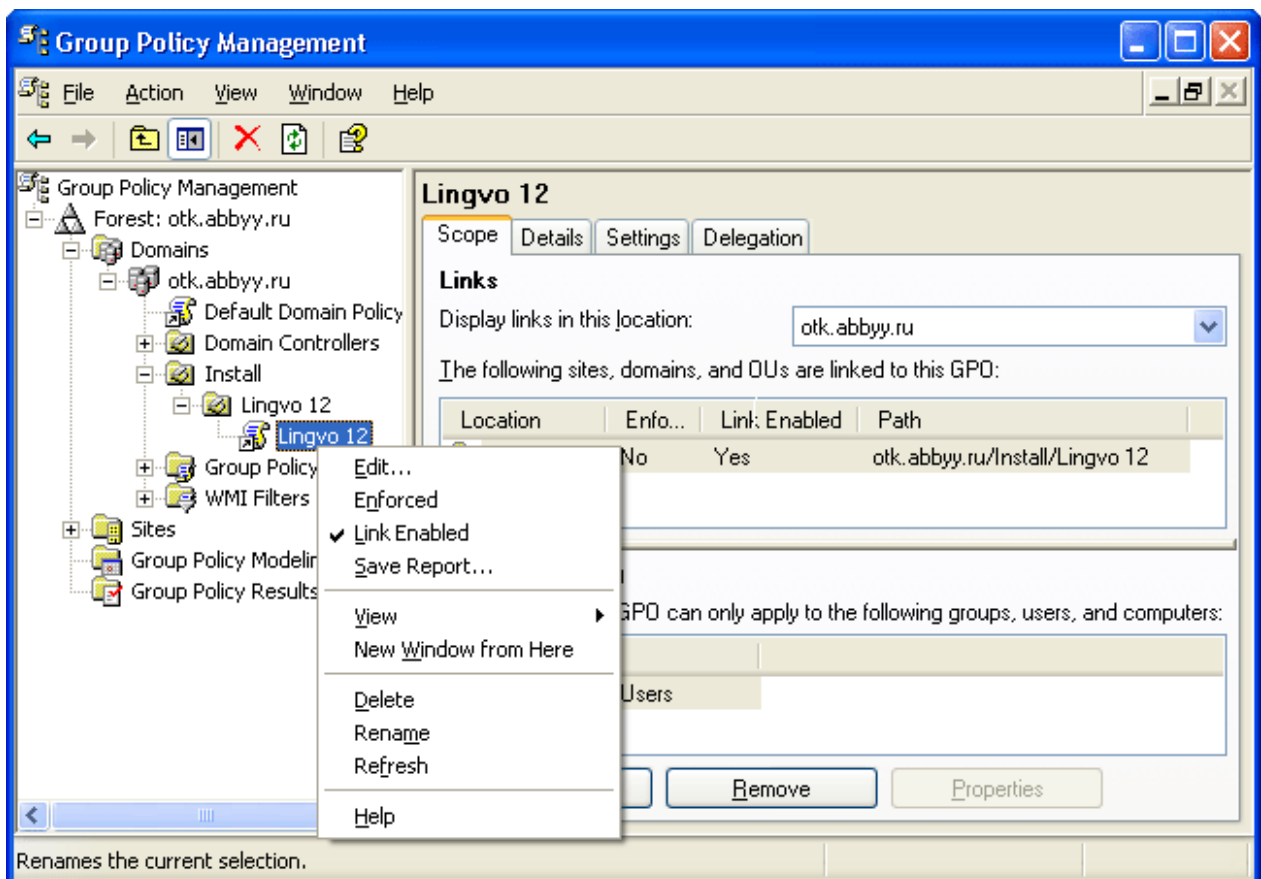
On the shortcut menu, select **Properties**.

4. In the **Properties** dialog box, go to the **Group Policy** tab and click **Open...**
5. Right-click the organized unit of the group onto which ABBYY Lingvo will be installed.

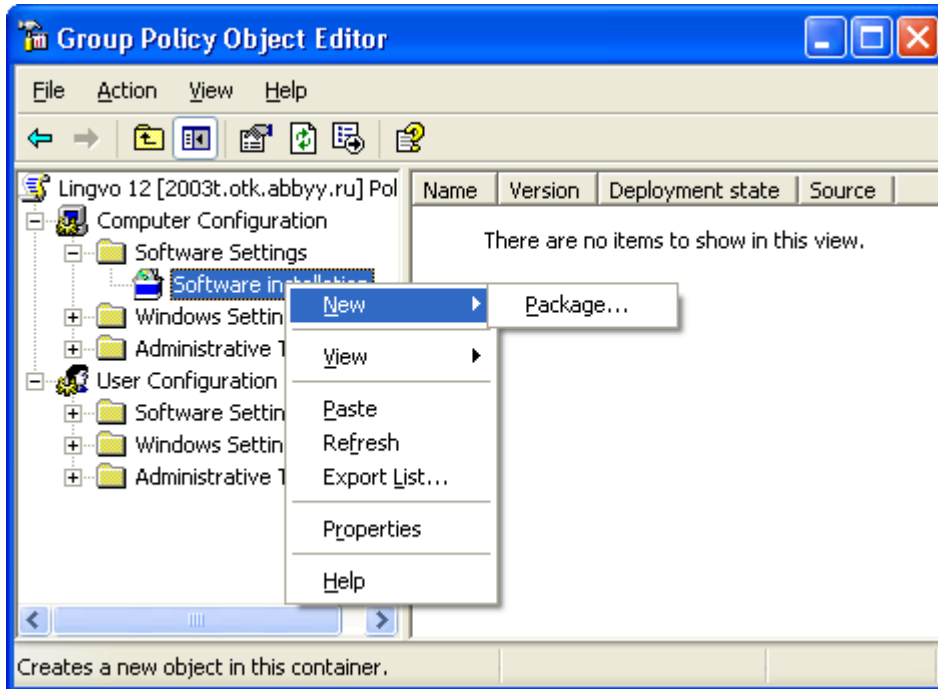
6. In the local menu that opens, select **Create and Link GPO Here...**



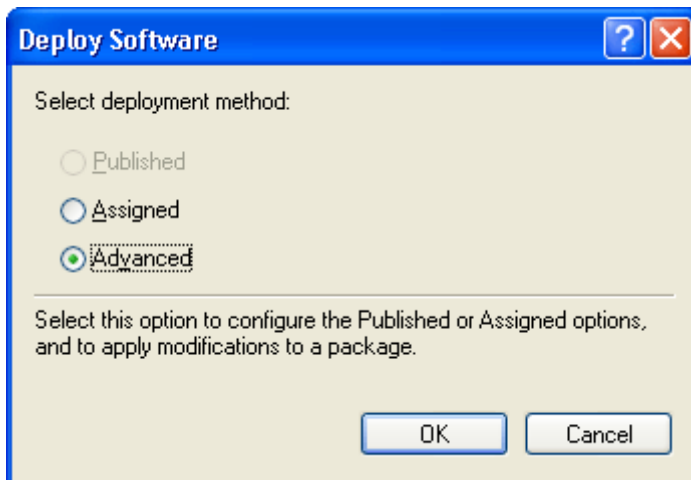
7. Enter a descriptive name and click **OK**.
8. Right-click the GPO you have added and select **Edit...**



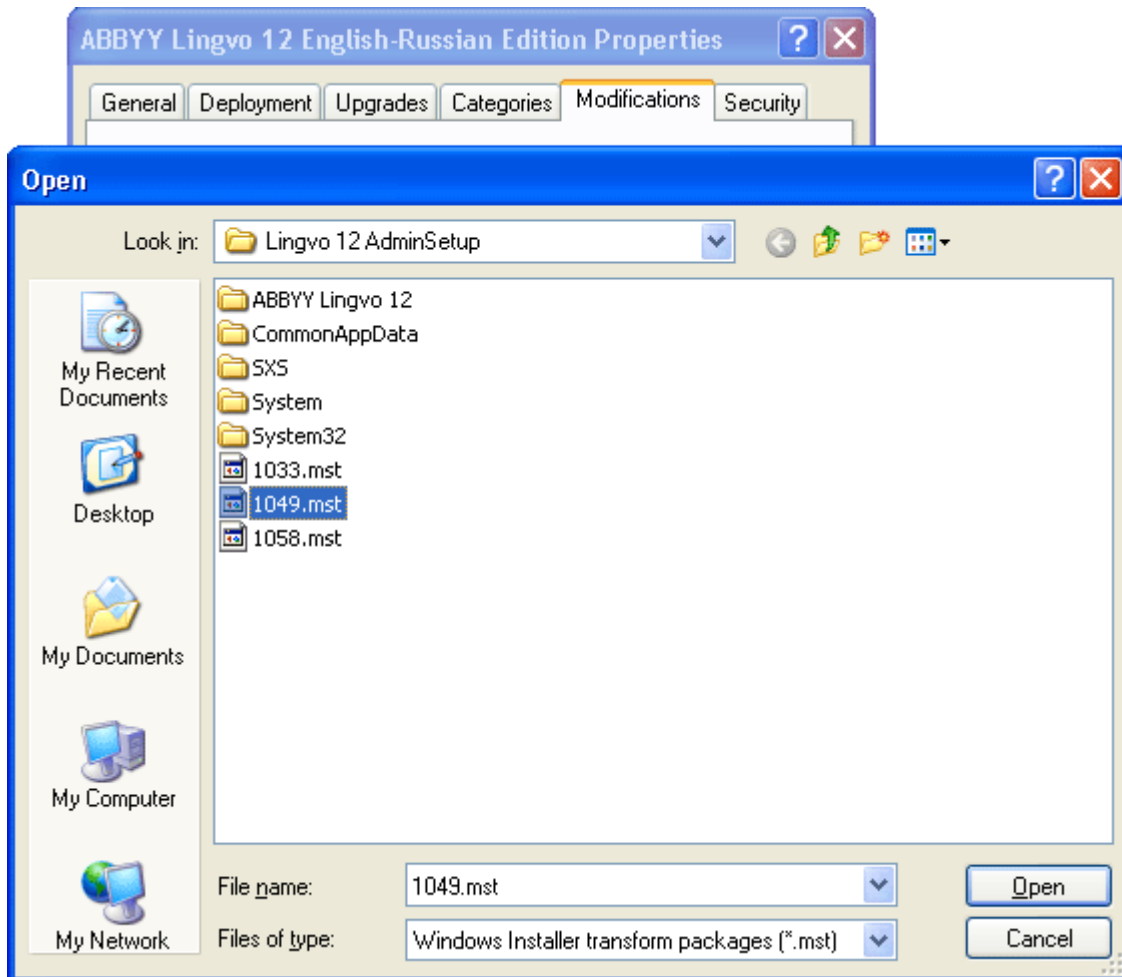
9. In the **Group Policy** window, right-click **Computer Configuration/Software Settings/ Software Installation**.
10. In the local menu that opens, select **New\Package**.



11. Enter the path to the ABBYY Lingvo 12 MSI package located in the installation point folder (see “Creating an Administrative Installation Point”).
12. Select the **Advanced** deployment method.



13. In the dialog box that opens, click the **Modifications** tab and then click **Add**.
14. Select the file of the interface language that will be used by ABBYY Lingvo when installed on the workstations. The interface language files are located in the administrative installation point on the server.



Interface language files and their corresponding languages:

- 1033.mst English
- 1049.mst Russian
- 1058.mst Ukrainian

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

Installing ABBYY Lingvo on Workstations by Using Microsoft Systems Management Server (SMS)

Microsoft Systems Management Server automates software deployment in a 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 consists of three stages:

1. Preparing the software application 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, etc.).
3. Installing the software on the specified computers by SMS in accordance with the installation parameters specified in the script.

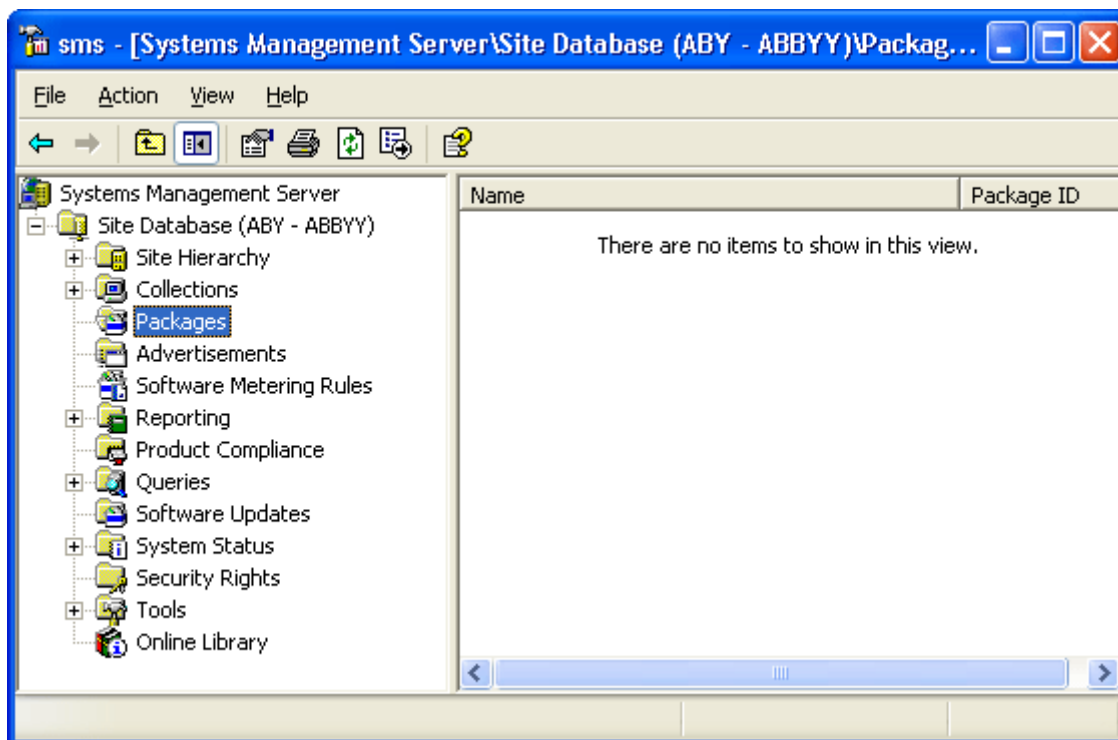
Please note that the End-User Licence Agreement and the current protection scheme used in ABBYY Lingvo impose certain restrictions on the installation methods and make some of the SMS features unavailable. Distribution Points can only be used within one local area network to distribute the administrative installation point. When installing and running ABBYY Lingvo with a Concurrent licence, the licence server must be accessible to the corresponding workstation via the UNC path.

Deploying ABBYY Lingvo 12 English Edition in a network by using Microsoft SMS 2003

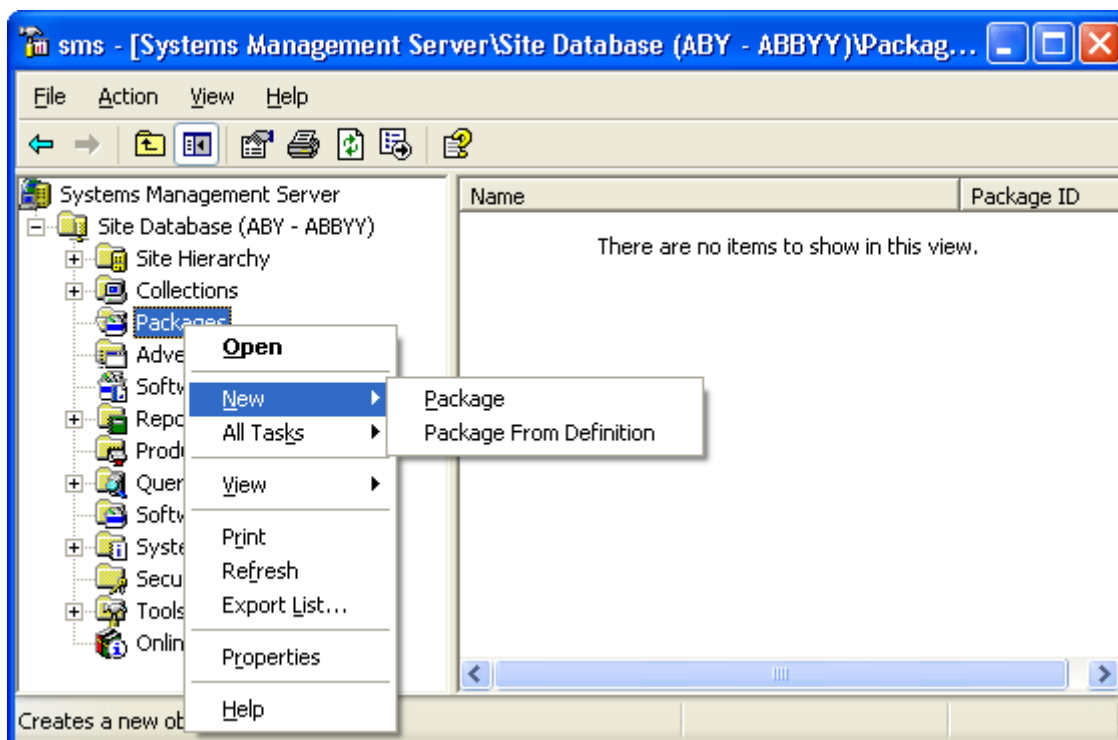
I. Preparing the software for automated installation

1. Create an administrative installation point as described above (see “Creating an Administrative Installation Point”).

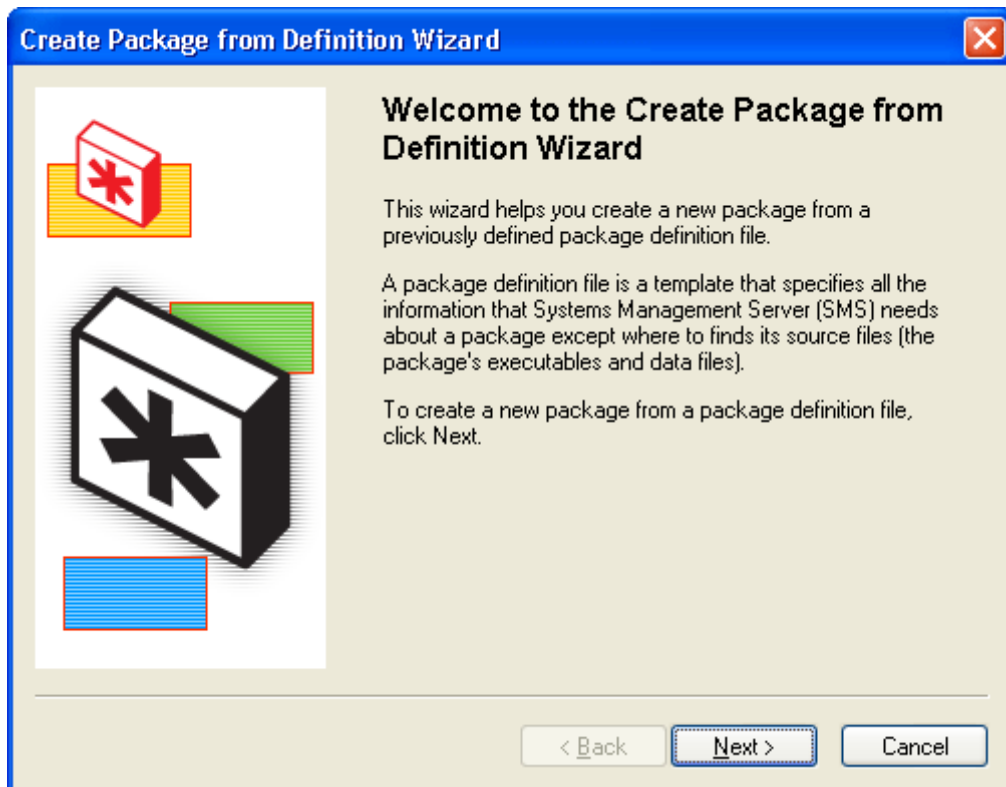
- Run the **SMS Administrator Console** and select the **Packages** item.



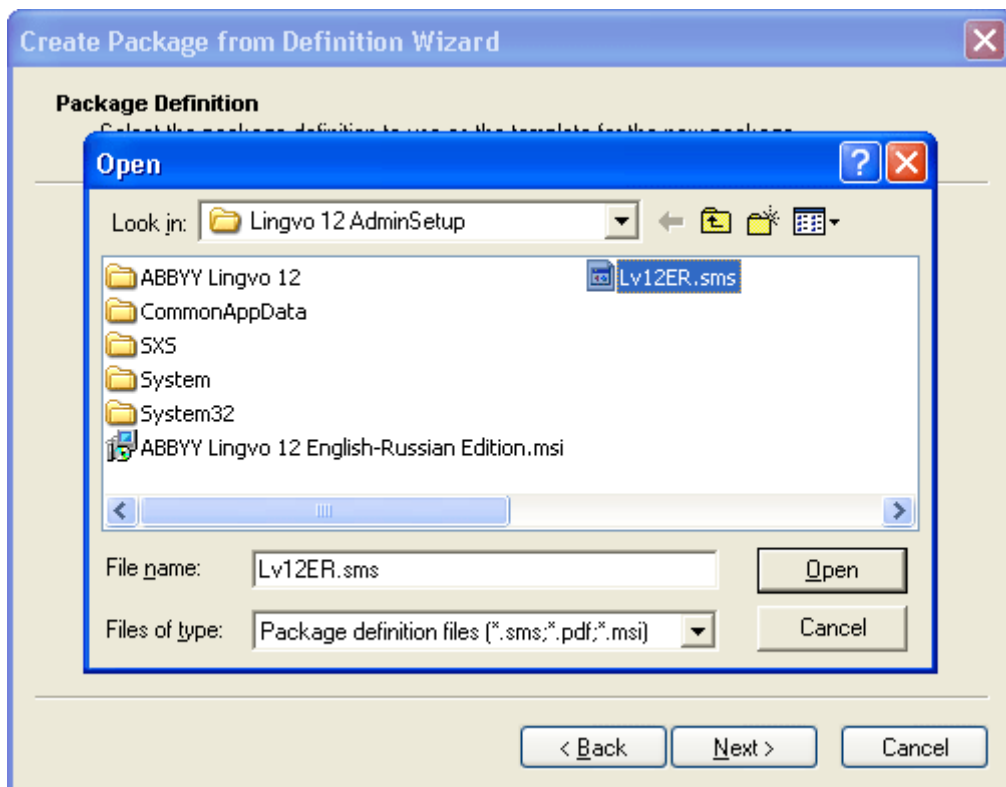
- On the **Action** menu, select **New**, and then select the **Package Form Definition** command.



The **Create Package from Definition Wizard** will appear.



4. Click **Next**. A list of package definitions will open.
5. Click **Browse**. In the **Open** dialog box, select the file Lv12.sms. The definition file Lv12ER.sms is located in the administrative installation point.



6. In the list of package definitions, select the newly added definition and click **Next**. The **Source Files** dialog box will open. Select the **Create a compressed version of the source** radio button.

Create Package from Definition Wizard

Source Files
Specify how SMS should manage source files.

Source files are data files or executables that must be made available to clients.

If this package contains source files, specify whether SMS should obtain them from a directory whenever the package is distributed, or whether SMS should compress them and store the compressed data for distribution.

☐ This package does not contain any files
☐ Always obtain files from a source directory
☒ Create a compressed version of the source

7. Click **Next**. A dialog box will open where you need to provide a path to the source files. Select the **Network path (UNC name)** radio button and provide a UNC path to the administrative installation point.

Create Package from Definition Wizard

Source Directory
Specify the directory containing the source files to be compressed and stored.

Make sure that this directory is accessible to the SMS Service Account until it finishes storing the compressed version of the source files.

Package:

Source directory location:

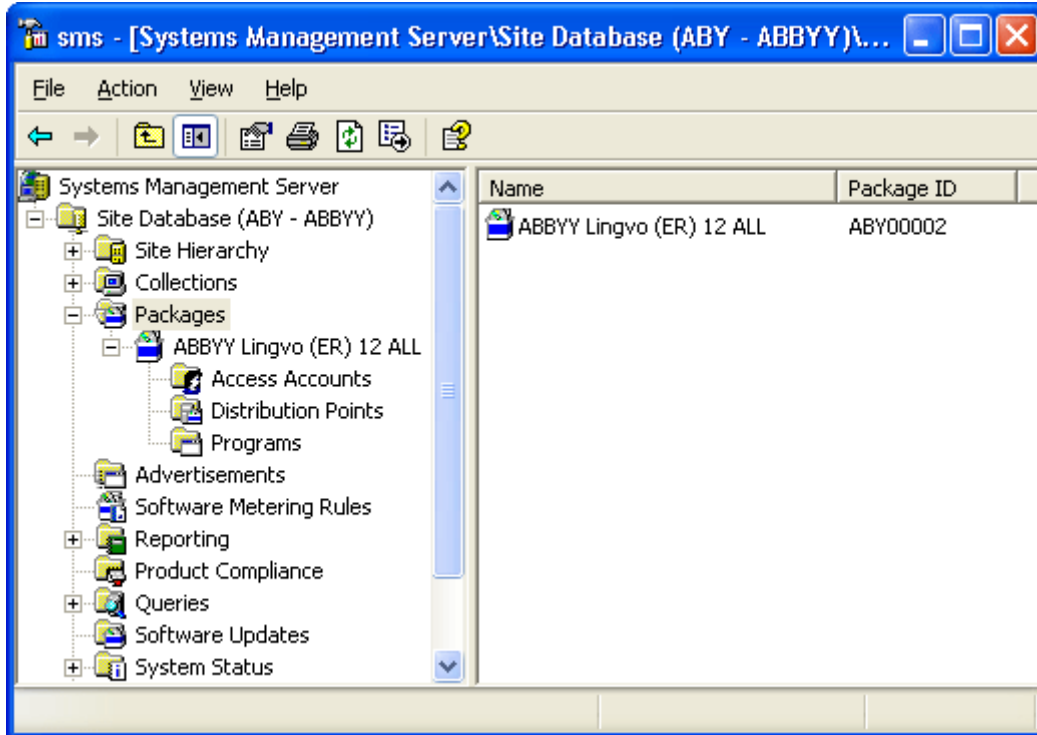
☒ Network path (UNC name)
☐ Local drive on site server

Source directory:

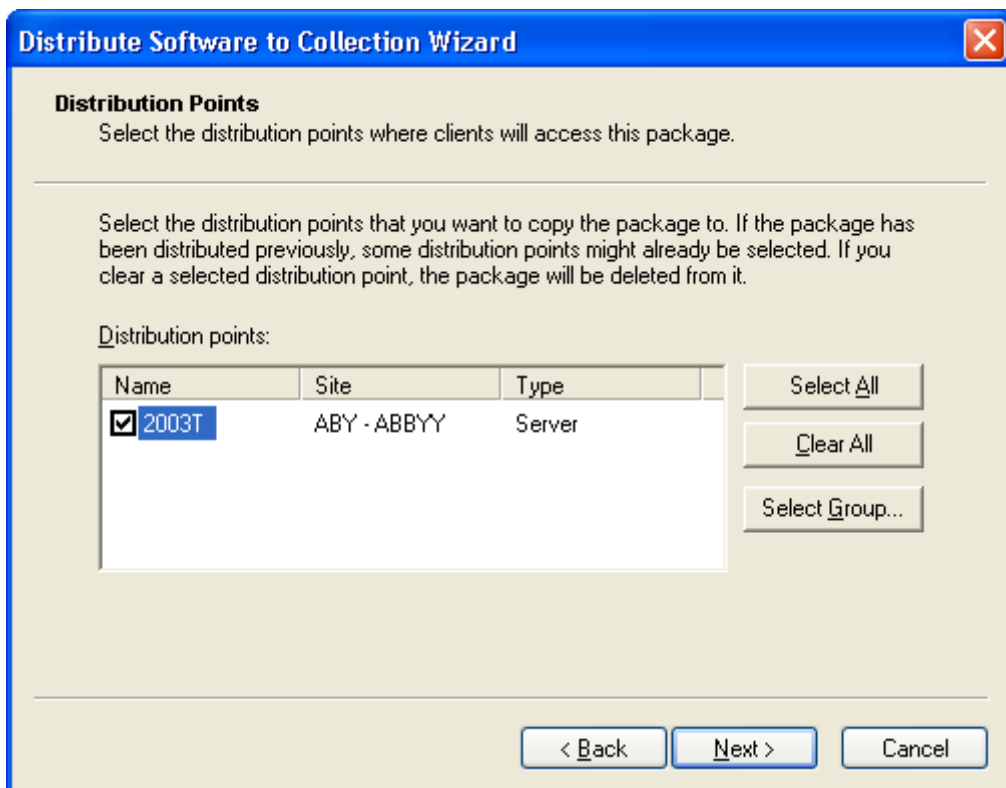
Syntax: \\servername\sharename\path

Click **Next** and in the next dialog box that appears click **Finish**. The wizard will return you to the **SMS Administrator** console.

8. Expand the **Packages** node. The ABBYY Lingvo installation package that you have added will appear in the right-hand pane. In this example it is **ABBYY Lingvo (ER) 12 ALL**.

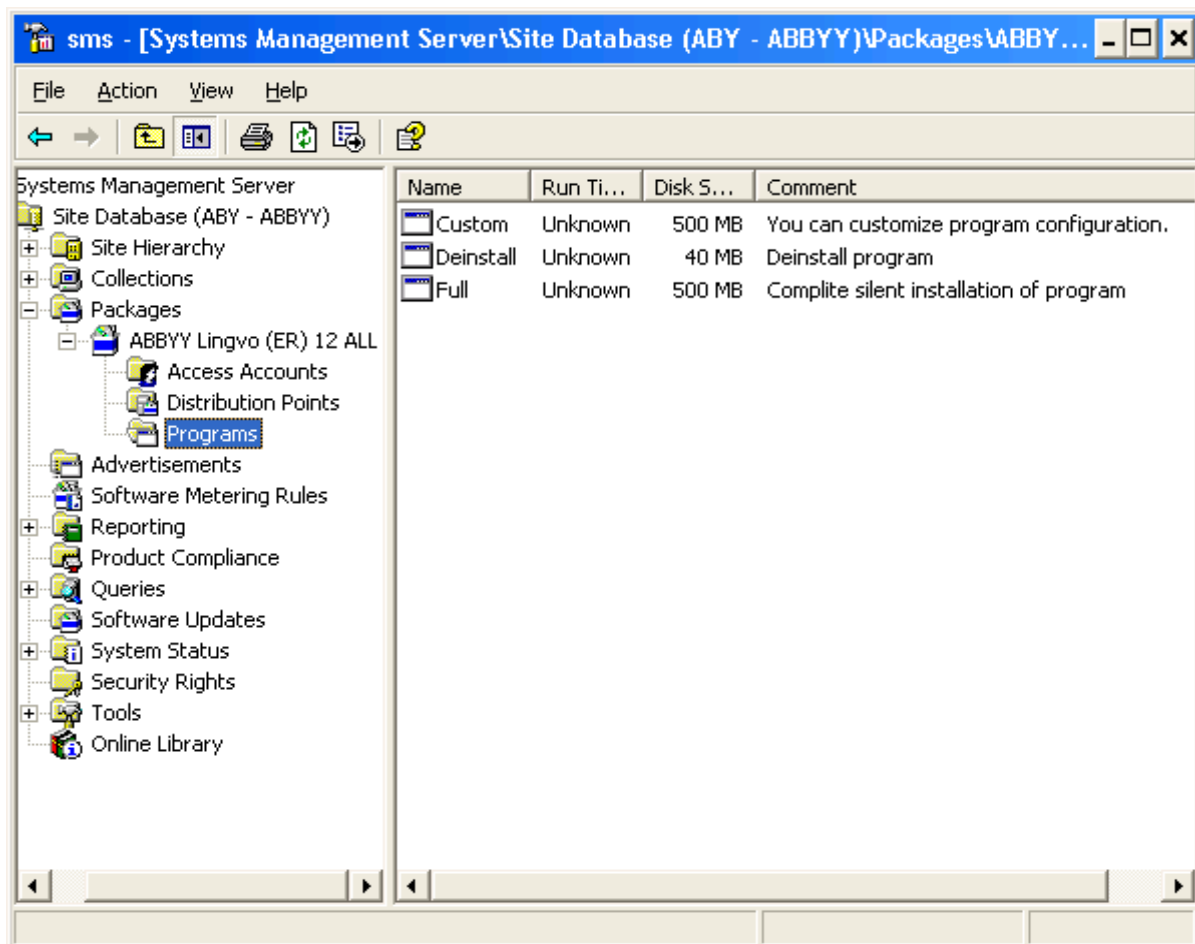


9. Specify distribution points if required. Right-click the **Packages\ABBYY Lingvo (ER) 12 ALL\Distribution Points** and select the **New\Distribution Points** command on the shortcut menu. In the **New Distribution Points Wizard** that opens, specify distribution points for the ABBYY Lingvo 12 installation package.

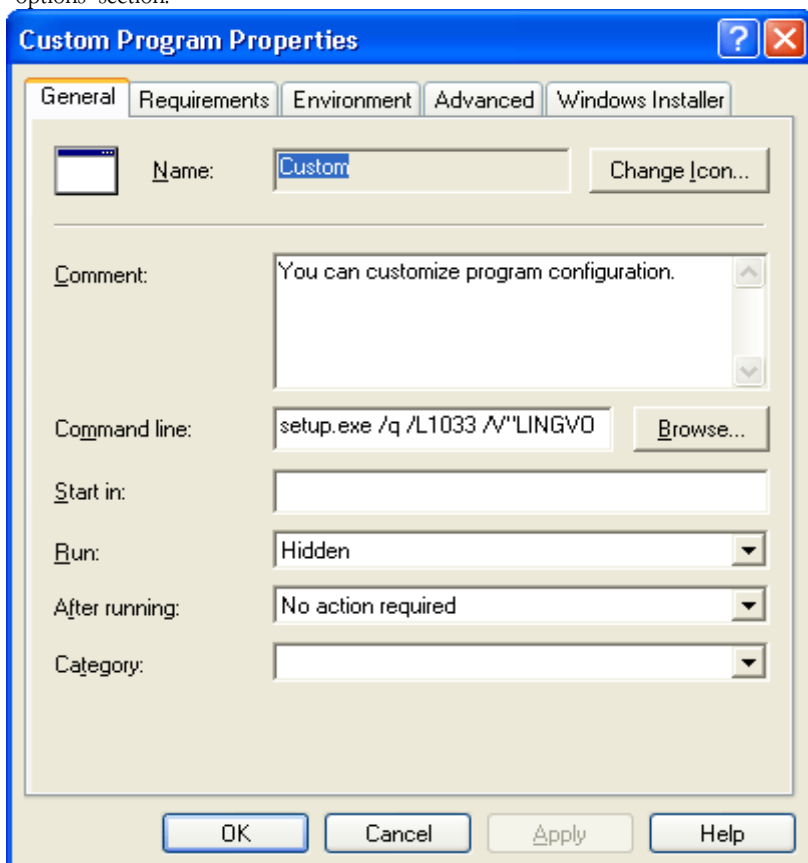


Click **Finish**. The wizard will return you to the **SMS Administrator** console.

10. If required, adjust the program launch parameters. In the node of the newly created installation package, open the **Programs** item. In the details pane you will see the list of pre-define scripts. Select the required program and then select the **Properties** command on the **Action** menu.



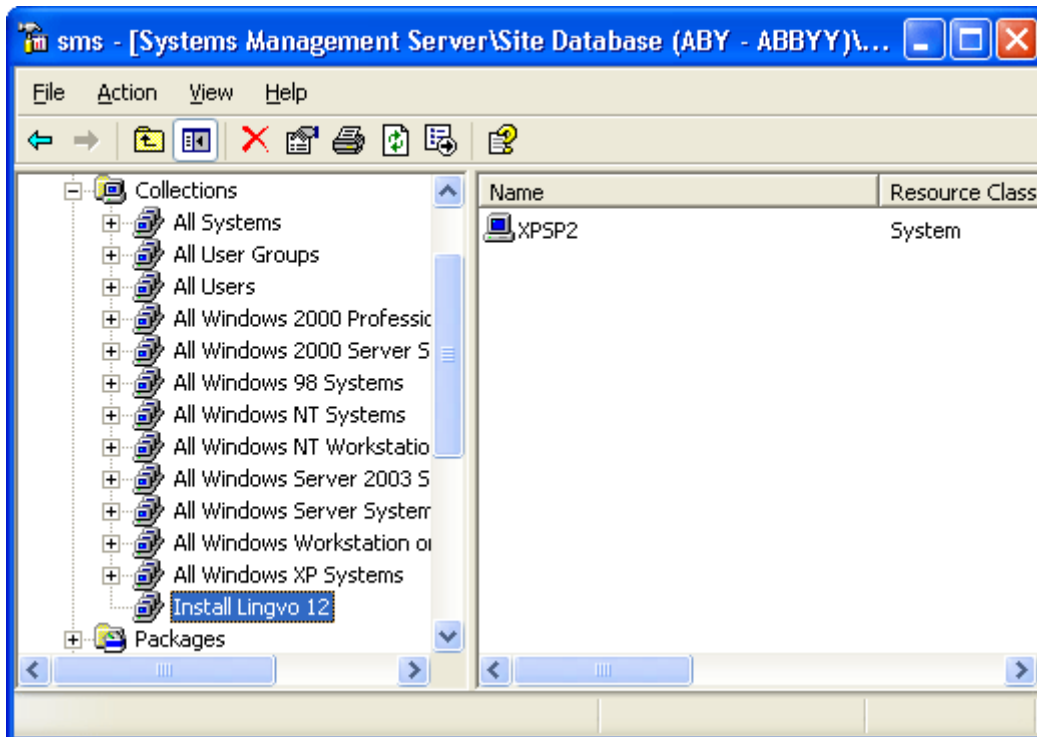
For a detailed description of the command line options available for installation, please refer to the "Additional command-line options" section.



Click **OK**. The package is ready to install.

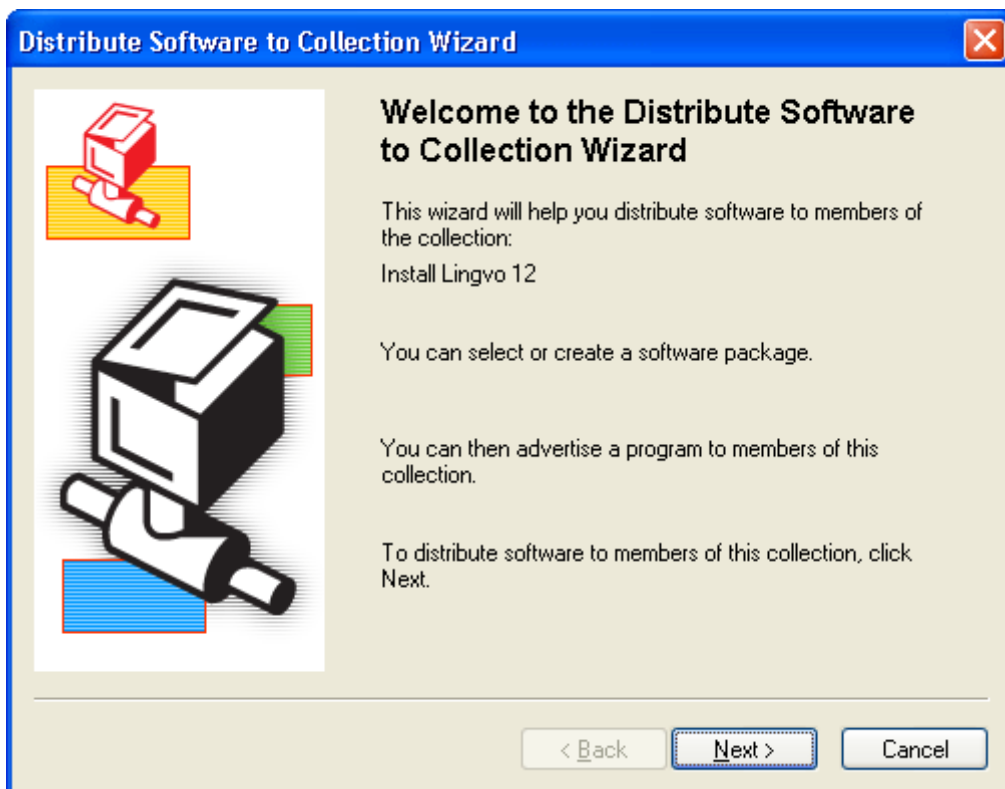
II. Preparing the deployment scenario

1. Specify the collection of computers on which ABBYY Lingvo is to be deployed.

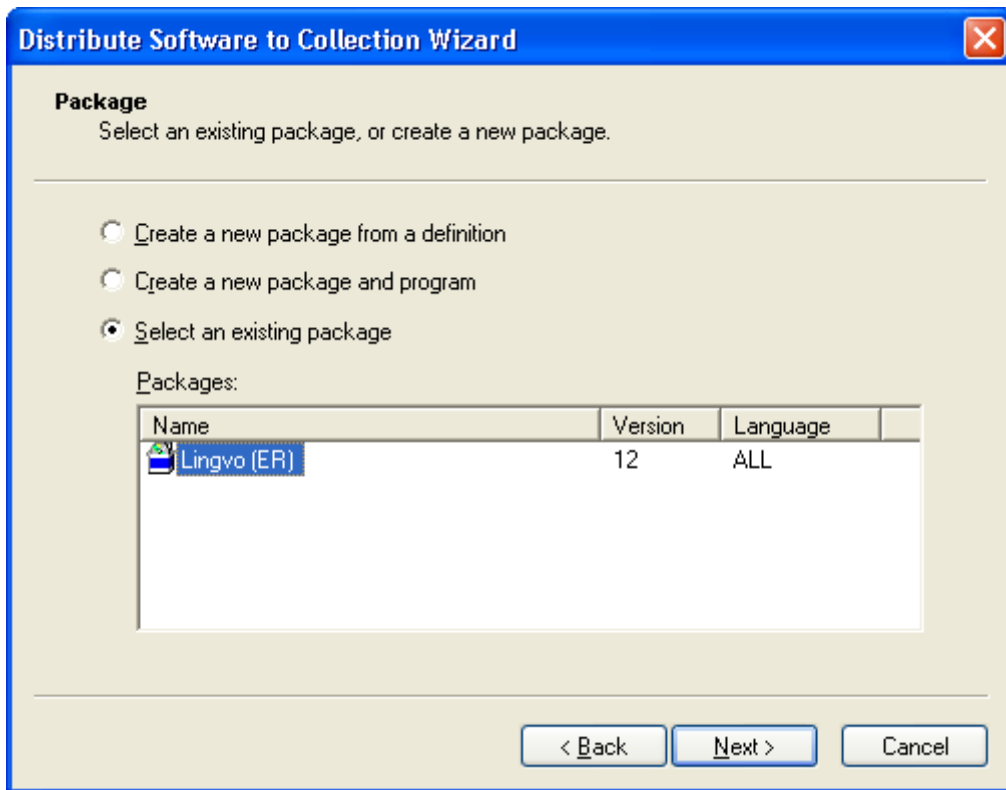


For detailed instructions about creating collections and working with them, please refer to the SMS documentation and to the Microsoft Web site <http://www.microsoft.com/technet/prodtechnol/sms/sms2003/opsguide/default.mspx>.

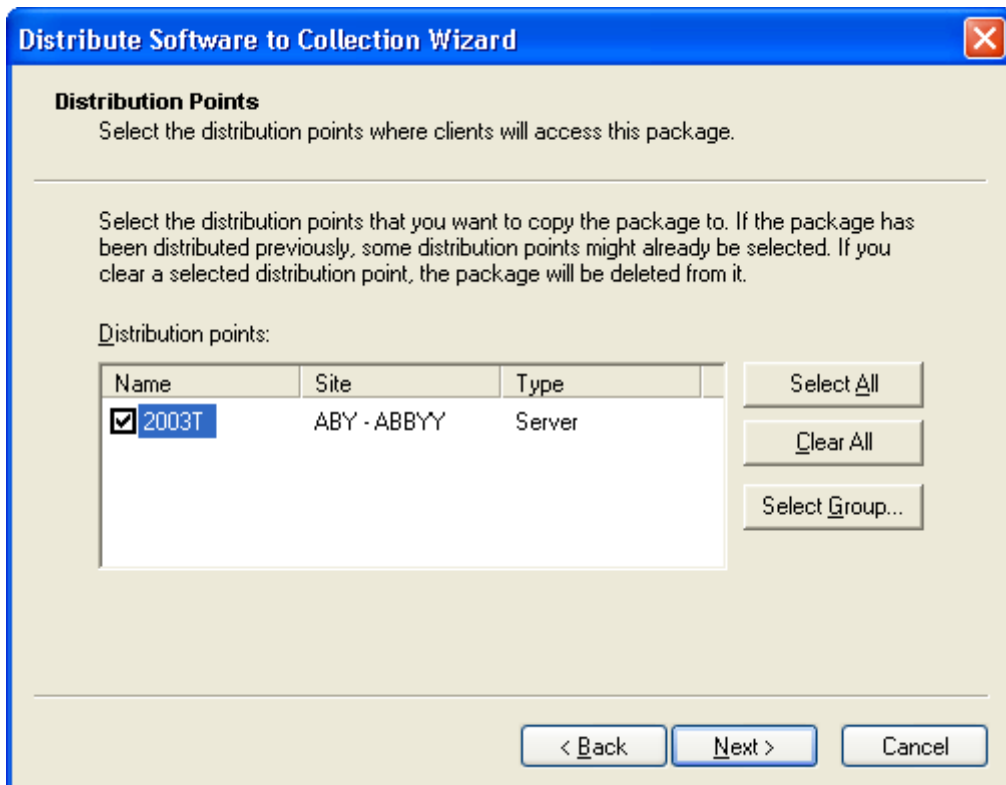
2. On the **Action** menu, select **All Tasks** and then select the **Distribute Software** command.
3. The **Distribute Software to Collection Wizard** will open.



Click **Next**. The list of available package definitions will open.

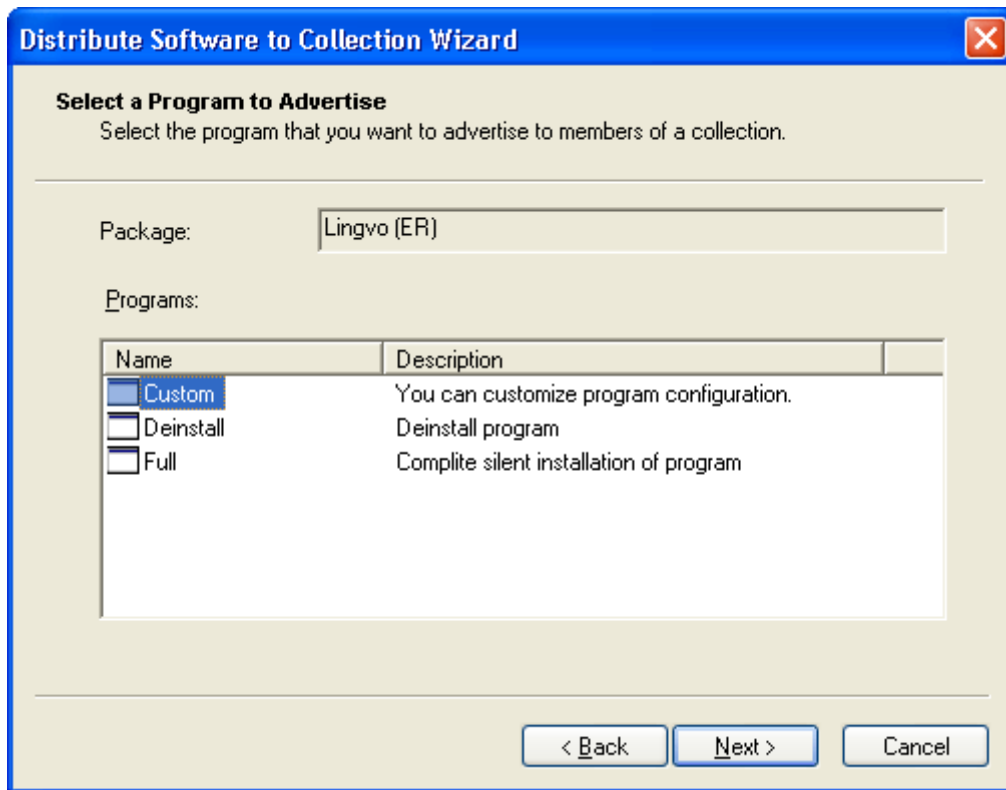


- Select the package to install and click **Next**. The list of distribution points will open.



If required, specify the distribution points for the package.

5. Click **Next**. The list of installation scenarios will open.



Select the require scenario and click **Next**.

6. In the **Advertisement Name** dialog box that opens, change the name of notification if required and click **Next**.
7. Specify if you wish the package to be installed on the computers in sub-collections and click **Next**.
8. Specify an installation time and end of notification if required. Click **Next**.
9. In the **Assign Program** dialog box that opens, specify if the installation is mandatory. Click **Next**.
10. Review the parameters you have selected. If required, click **Back** to adjust them. Click **Finish** if all the selected parameters are correct.

III. Deployment on the selected computers by means of SMS in accordance with the parameters selected in the scenario

1. If required, you can change the advertisement parameters by opening its properties in the Advertisement container.
2. You can monitor the deployment process by reading the logs in the container System Status\Advertisement Status\<name of advertisement>.

Installing ABBYY Lingvo on workstations by using Task Scheduler

To install ABBYY Lingvo 12 on workstations by using **Task Scheduler**:

1. Create an administrative installation point as described above (see “Creating an Administrative Installation Point” for details).
2. Make sure that **Task Scheduler** is running on the workstation and there is a user who has the local administrator permissions and access permissions for the administrative installation point and the licence server.
3. Make sure that the workstation meets the minimum system requirements.
4. Run a new task on the workstation:
 - On the **Task** tab, specify the following parameters:
Run: \\servername\ABBYY Lingvo 12 Server\setup.exe /qn /v”/qn TRANSFORMS=1033.mst”
 For more information about the parameters refer to the “Installing Lingvo on Workstations via the Command Line”.
Run as: DOMAIN\Login.
 - In the **Set Password** dialog box, specify the password.
 - Make sure that the **Enabled** option is selected.

Note: DOMAIN\Login refers to the administrator of the computer where the program will be installed.

5. On the **Schedule** tab, specify the time when the installation must start.

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

Licence Management

General

The **Licence Manager** is a licence managing utility that is installed on the licence server when creating an administrative installation point (see “Creating and Administrative Installation Point” for details). The Licence Manager allows the administrator to do the following:

- Add new licences
- Activate licences
- Assign licences to specific workstations
- Obtain information about current licence parameters
- Delete licences

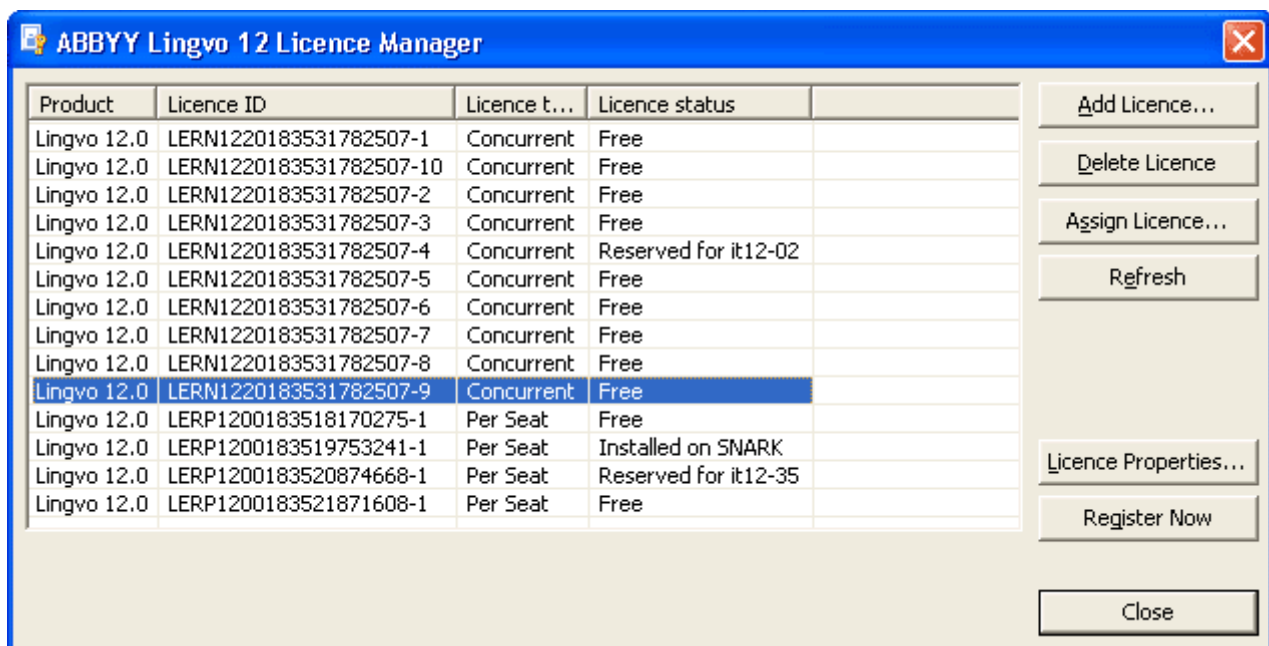
ABBYY Lingvo 12 Licence Manager

The **Licence Manager** is a licence managing utility that comes with ABBYY Lingvo 12 and is used to manage ABBYY Lingvo licences. The **Licence Manager** allows you to

- Add new licences
- Assign licences to specific workstations
- Delete licences
- Obtain information about current licence parameters (number of workstations o which ABBYY Lingvo can be run)

To launch the **Licence manager**, go to the licence server and run it via **Start>ABBYY Lingvo 12 Utilities**. If required, the system administrator can also launch the Licence Manager from a remote computer, just like any other application on a network drive.

Licence Manager main window



Option	Description
Product	Shows the name of a licence.
Licence ID	Shows the number of a licence and the index which corresponds to the number in the selected licence pack.
Licence type	Shows the type of a licence (Concurrent, Per Seat).
Licence status	Shows the status of a licence and the computer on which it is being used.
Add Licence...	Launches the ABBYY Lingvo 12 Activation Wizard. A dialog box will open where the administrator is prompted to enter the serial number (or numbers) of the licence.

Delete Licence	Deletes a licence.
Assign Licence...	Assigns a licence to a particular workstation or unassigns a licence. For Concurrent licences: 1) Assigns a licence to a particular workstation (in this case the licence can only be used on this workstation); 2) Unassigns a Concurrent licence from its current workstation. For Per Seat licences: Assigns a licence to a particular workstation prior to program installation. To return a Per Seat licence, the program must be removed from the workstation. If during removal the workstation is in the same LAN with the server, the licence will be unassigned and returned to the server automatically.
Refresh	Updates the list of licences.
Licence Properties...	Displays the properties of a licence.
Register Now	Launches the ABBYY Lingvo 12 Registration Wizard.
Close	Closes ABBYY Lingvo 12 Licence Manager.

Licence Types

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

- **Concurrent**
The number of licences equals the number of Lingvo copies which can be run on several workstations simultaneously. Each time Lingvo is run on a workstation, it sends a request to the server. If there are activated **Concurrent** licences on the server, Lingvo will "take" the first unused licence. When Lingvo is closed on the workstation, the licence is released. If there are no unused licences available on the server, the program displays a corresponding message.
- **Per Seat**
The number of licences equals the number of Lingvo copies installed on the company's computers. Each licence is assigned to a specific workstation, and the copies of Lingvo will run on the workstations without sending requests to the server. If Lingvo is being installed on a workstation from the server with activated **Per Seat** licences, the first available unused licence will be assigned to the workstation during installation. This licence can only be returned back to the server by uninstalling Lingvo from the workstation.

If there are both activated **Concurrent** and activated **Per Seat** licences on the server, **Per Seat** licences will not be used when installing Lingvo on a workstation, but a free **Concurrent** licence will be used for running Lingvo on this workstation. However, the system administrator can assign a **Per Seat** licence to a specific workstation before Lingvo has been installed on this workstation. In this case, the assigned **Per Seat** licence will be used by the workstation once Lingvo is installed on it.

Licence Statuses

Concurrent licence statuses

- **Free** (the licence is not currently being used by any workstation)
- **Running on** (the licence is being used by a particular workstation)
- **Assigned to** (the licence has been assigned to a specific workstation, but is not currently being used by this workstation)

Per Seat licence statuses

- **Free** (the licence is not currently being used by any workstation)
- **Assigned to** (the licence has been assigned to a specific workstation, but is not currently being used by this workstation)
- **Installed on** (the licence has been installed on a specific workstation)

Licence Activation

ABBYY is concerned about software piracy and takes measures to protect its intellectual property rights. Software piracy is detrimental both to software manufacturers and to end users. 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.

For ABBYY Lingvo 12, a special protection technology is used to protect ABBYY products from illegal copying and distribution. This technology effectively excludes unauthorized use of ABBYY products by persons who have not signed a Licence Agreement with the software copyright owner.

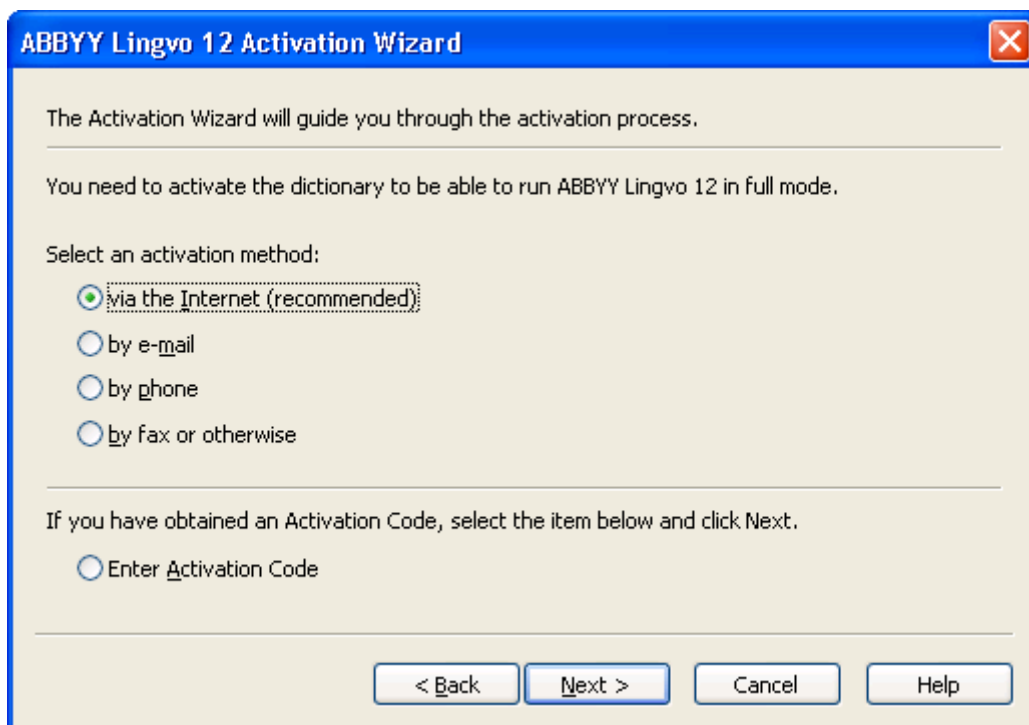
If your Licence Agreement allows you to install your copy of the software only on one PC, any additional installations of the same copy on other PCs will constitute a breach of the Licence Agreement as well as of the copyright law of the Russian Federation. The activation technology controls the number of copies and prevents installing 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. The program will not operate unless you activate it.

How is activation carried out?

Activation takes very little time and is carried out with the help of an **Activation Wizard** that is built into the program. The Activation Wizard has a friendly interface and is used for sending the necessary activation information to ABBYY. The same wizard is used for entering the Activation File you receive from ABBYY.

Activation information is sent as a code (**Installation ID**) which is generated on the basis of the information about the computer on which the program is being installed. **No personal information about the user or computer is used** for generating the code, and the code cannot be used for identifying the user.

Activation methods:



- **via the Internet**
Activation is carried out automatically and takes only seconds to complete. An Internet connection is required for this method
- **by e-mail**
The program will prompt you to send an e-mail message to ABBYY containing the information required to activate the dictionary. The e-mail message will be generated automatically. You will receive an Activation Code in reply.
Important! Be sure not to alter the subject field and the body of the generated e-mail message.
- **by phone**
Select your country in the corresponding dialog box of the Activation Wizard. The wizard will show the telephone numbers of the nearest ABBYY office or partner in your area.
Communicate the serial number and the Product ID of your copy to the technical support manager (you will see this information displayed in the Activation Wizard).
Important! Activation Code may be as long as 60 characters and take some time to dictate over the phone.
- **by fax or otherwise**
In most countries, you can also activate your dictionary by fax. The text of the fax containing the required information will be generated automatically. The wizard will ask you to print out this text and send it to the fax number indicated on the form. Be sure to write or type in your own fax number, to which your Activation Code will be sent.
You can also obtain your **Activation Code**, at any time, on the program Web site at <http://www.lingvo.ru>.
Type the serial number and the **Product ID** of your copy in the corresponding field of the on-line form (you will see this information displayed in the Activation Wizard).

In the case of activation via the Internet, the whole process is carried out automatically.

In the case of activation via e-mail, the user needs to enter the Activation File received from ABBYY in the corresponding fields of the Activation Wizard.

Once the activation has completed successfully, the program can be used on the current server without any restrictions.

ABBYY Lingvo 12 can be reinstalled on one and the same server an unlimited number of times without repeat activation.

Note:

1. You will not need to activate each workstation – they will be activated by the server automatically.
2. ABBYY Lingvo can be re-installed on one and the same computer an unlimited number of times without re-activation. However, if you make major upgrades, format your hard drive, or re-install the operating system, an additional activation may be required.

Technical Support

If you have any questions about how to install and use ABBYY Lingvo 12 to which you cannot find answers in this System Administrator's Guide, please contact the ABBYY technical support service or our partners. For contact information, please refer to the “Support” section at **[www. abbyy. com](http://www.abbey.com)**.