ABBYY

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ABBYY LINGVO 11

SYSTEM ADMINISTRATOR'S GUIDE

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NETWORK INSTALLATION

GENERAL

ABBYY Lingvo 11 provides convenient tools for network installation and operation.

The installation of ABBYY Lingvo 11 consists of two stages:

1. Installing ABBYY Lingvo 11 on the server;
2. Installing ABBYY Lingvo 11 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 installing Lingvo 11 in a corporate network because you do not need to install the program manually on each workstation.

Note: Even though you can install ABBYY Lingvo on a workstation from the installation CD-ROM, we do not recommend using this method because in this case most of the licence management capabilities become unavailable.

INSTALLING LINGVO ON THE SERVER

To create an administrative installation point, run the setup.exe file with the **/a** command-line option from the ABBYY Lingvo 11 installation CD-ROM:

setup.exe /a

The setup program will ask you to specify a 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 11AdminSetup**). Once you have installed Lingvo 11 on the server, this folder will contain:

- Files required for installing Lingvo on local workstations **(…\Lingvo 11)**;

- Information about the available licences and the Licence Manager utility **(…\Licence Manager)**;

- This System Administrator's Guide (the present document) **(…\Administrator's Guide)**;

- Setup.exe.

To create an administrative installation point, the Lingvo installation wizard copies the files mentioned above from the installation CD-ROM into a shared network folder. Administrative installation can be performed from any computer.

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

1. Run the **Licence Manager**.
2. Add additional licences if required.
3. Activate all of the available licences.

Now you can deploy Lingvo on the workstations.

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Important! Do not move the administrative installation folder after you have deployed Lingvo on the workstations or after you have activated the licences, because the path to this folder will be stored on the workstations and in the licence files.

ADMINISTRATIVE INSTALLATION FOLDER REQUIREMENTS

1. 650 MB of free hard-disk space.

2. Read permissions for the administrative installation folder for all Lingvo users.

3. Write permissions for the **Licence Manager** subfolder for all Lingvo users.
   We recommend limiting the users' rights as follows:

   Unite all the users working with Lingvo into one group and give this group the read permissions for the administrative installation folder, the right to create their own files in the Licence Manager folder, and the right to delete files in the **Licence Manager** folder which were created by users of the same group. This will prevent potential problems with administratively installed ABBYY Lingvo 11.

4. The number of connections supported by the server on which the administrative installation folder will be located must not be less than the total number of Lingvo users (only for **Concurrent** licences). Microsoft Windows 2000 Professional, for example, supports only ten connections at a time, which means that Lingvo cannot be deployed on more than ten workstations.

5. The administrative installation folder must be accessible form all the workstations.

WORKSTATION REQUIREMENTS

1. PC with Intel® Pentium®/Celeron®/Xeon™, AMD K6/Athlon™/Duron™ or other compatible processor with clock rate of 200 MHz or higher.

2. Microsoft® Windows® 2000/XP, Windows® 98/Me (Cyrillic support required for the Russian interface).

3. Microsoft Internet Explorer 5.5 or higher. (MS IE 6.0 is included on the installation CD-ROM labelled "Disk 2/2" and requires an additional 27 MB.)

4. RAM requirements depend on the operating system you use: 64 MB of RAM for Windows XP/2000/NT 4.0; 32 MB of RAM for Windows 98/Me.

5. Hard-disk space:

   a. **English-Russian Dictionary:** 340 MB for typical installation, 40 MB for program operation;

   b. **Multilingual Dictionary:** 680 MB for typical installation, 90 MB for program operation.

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 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:

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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 dialogs will be displayed. The program will be installed from the server in the default configuration.

Setup.exe /qn

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

> The following interface languages are available:
> 1033: English;
> 1049: Russian.

/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"SETUPTYPE=MAX_NET INSTALLDIR=C:\LINGVO11"

As a result, ABBYY Lingvo 11 Multilingual Dictionary will be installed into the C:\LINGVO11 folder with the Russian interface language in network mode.

UNINSTALLING LINGVO 11 IN SILENT MODE

msiexec /x {AA10000A-C75E-487C-88FC-37AA1AACFB60} /qn – for the multilingual dictionary

msiexec /x {AA10000A-C75E-487C-88FC-37AA1AACFB61} /qn – for the English-Russian dictionary

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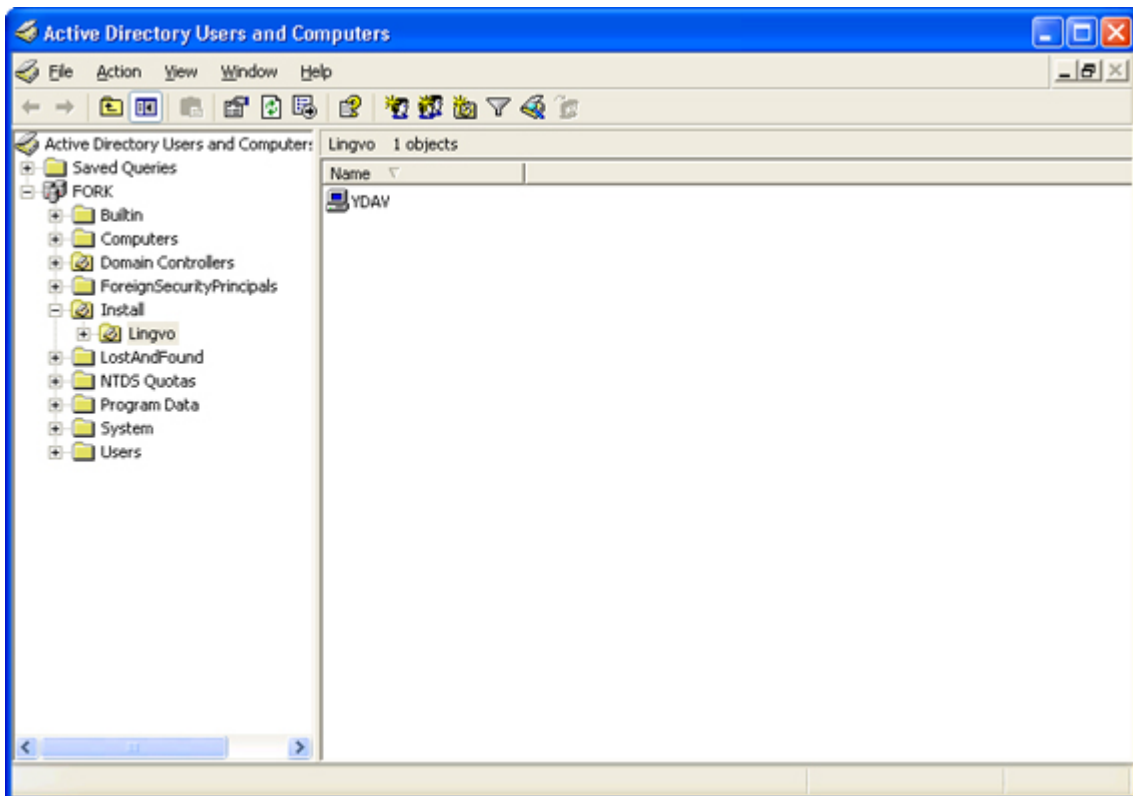
Note: The Software Installation snap-in can be used to install software applications only on workstations working under Microsoft Windows 2000 or Microsoft Windows XP.

Three major installation scripts are implemented in **Active Directory**: "Publish to User", 'Assign to User", and 'Assign to Computer". ABBYY Lingvo 11 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 using Active Directory

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

1. Create an administrative installation point as described above.

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 will be installed.

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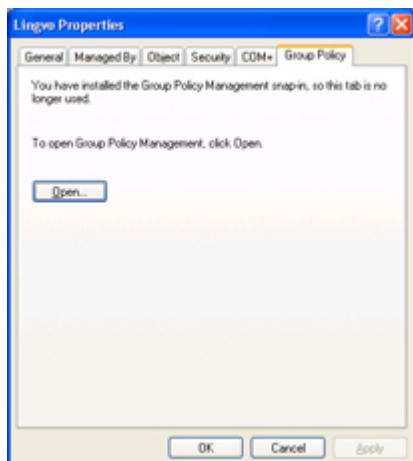
5. Right-click the organized unit of the group onto which ABBYY Lingvo will be installed.

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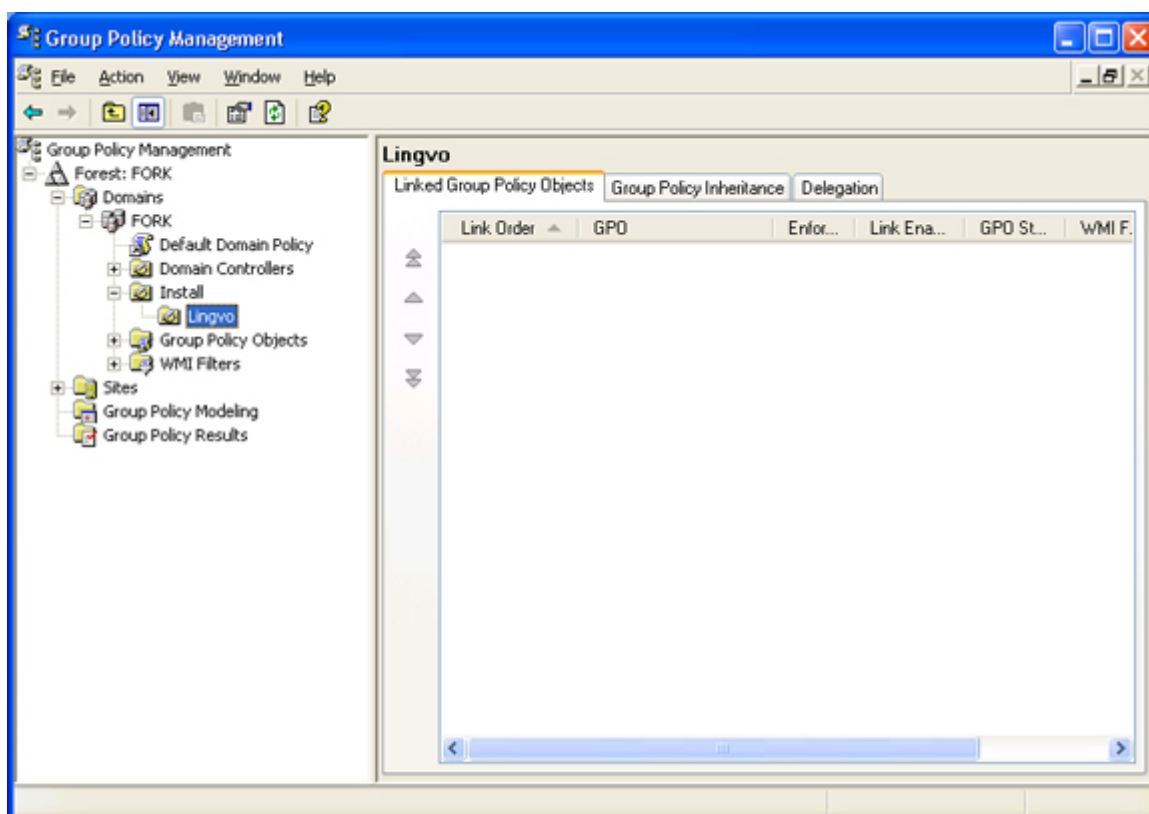
6. In the local menu that opens, select **Create and Link GPO Here…**
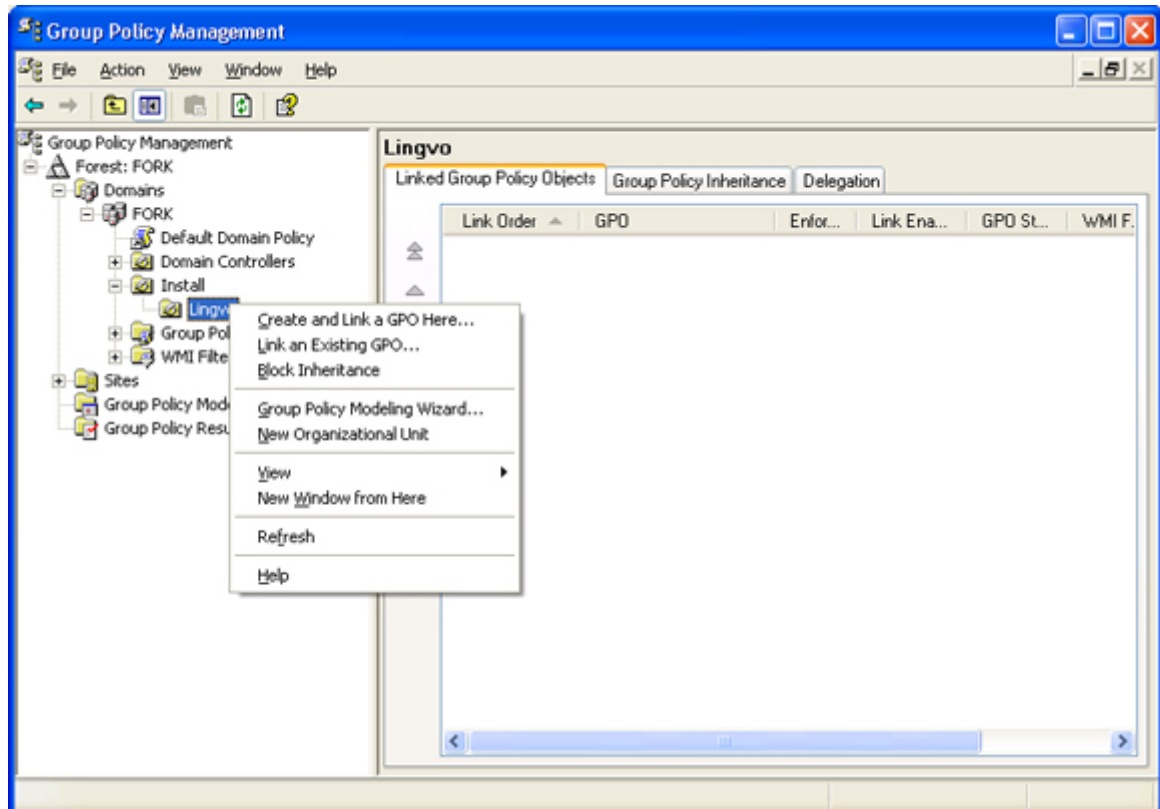
7. Enter a descriptive name and click **OK**.

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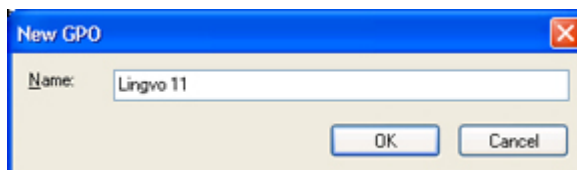
8. Right-click the GPO you have added and select **Edit…**
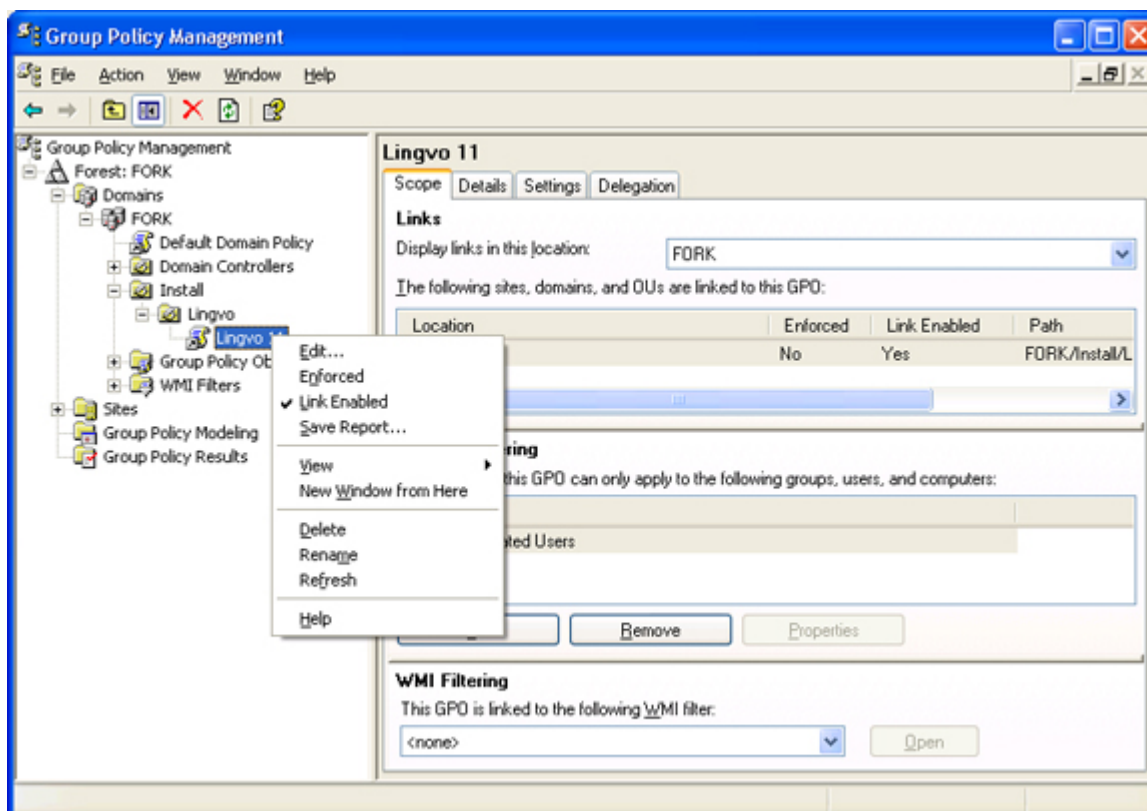
9. In the **Group Policy** window, right-click **Computer Configuration/Software Settings/ Software Installation**.

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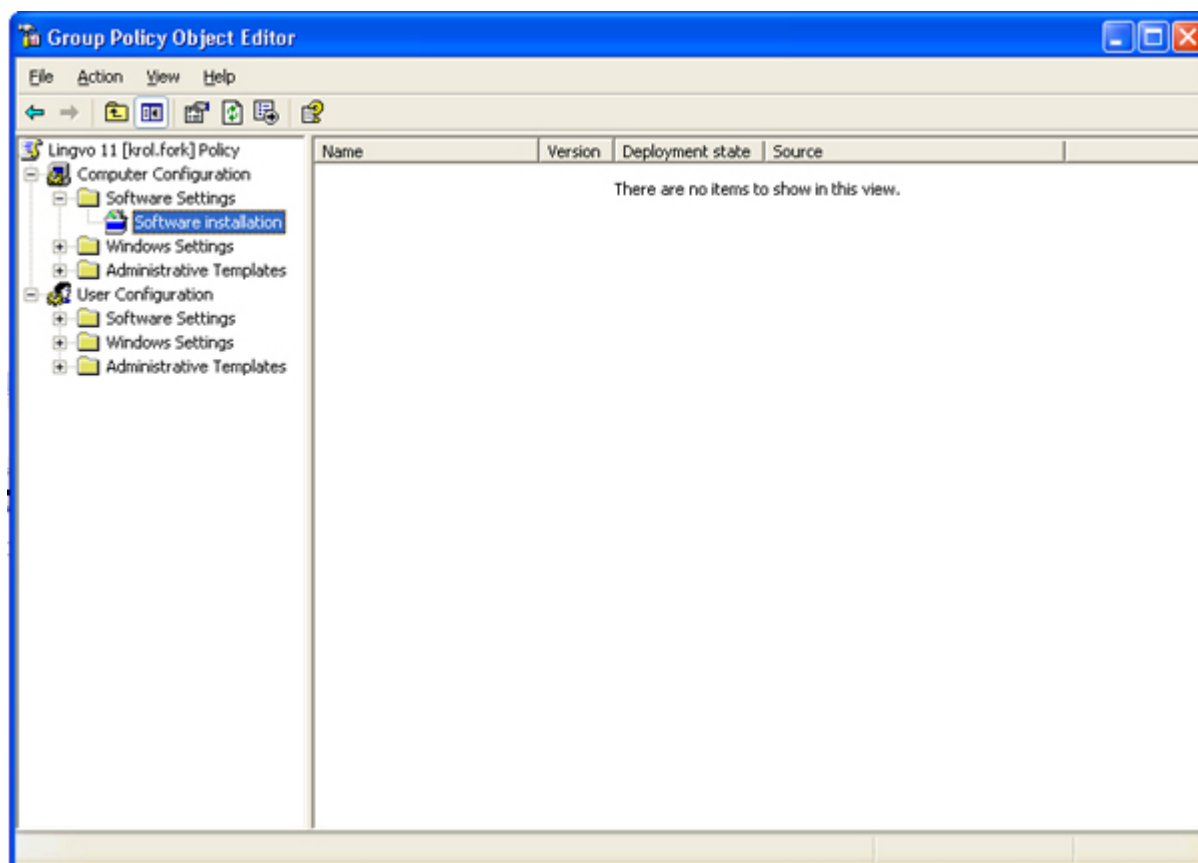
10. In the local menu that opens, select **New\Package**.
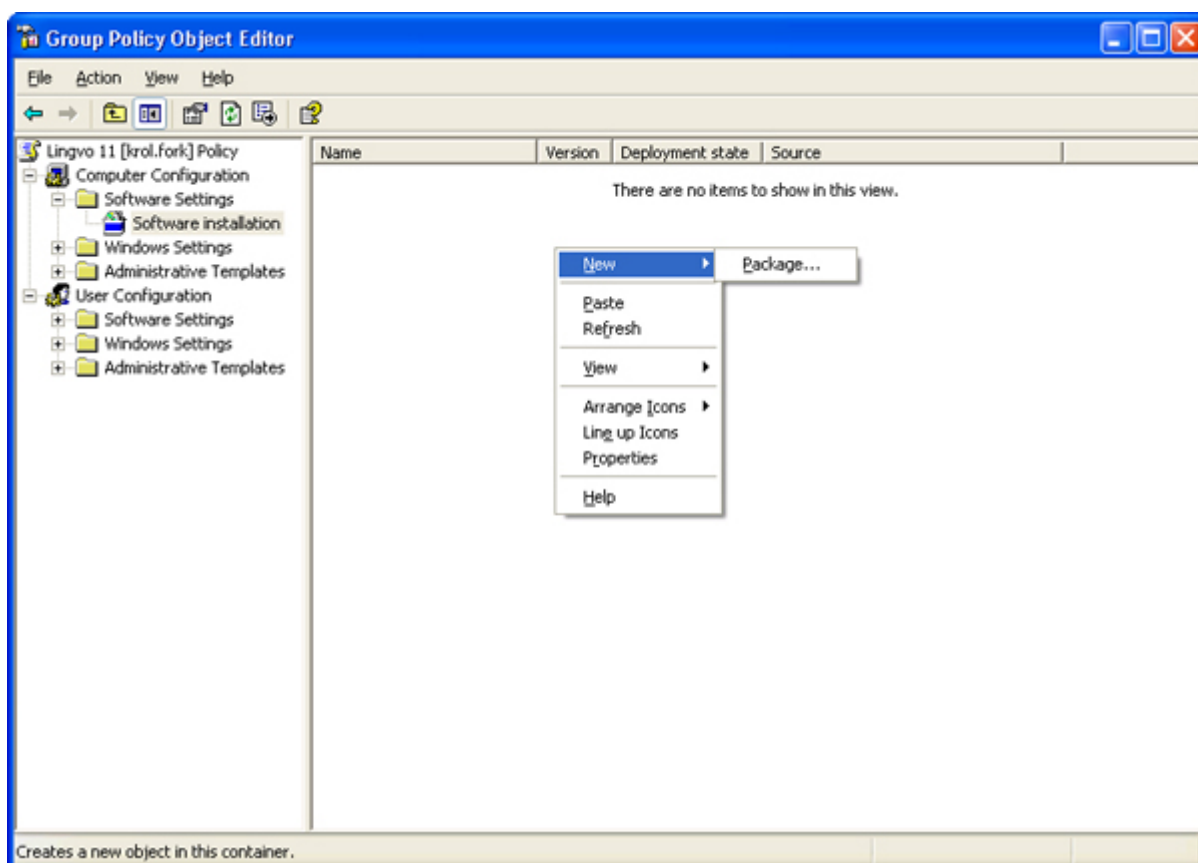
11. Enter the path to the ABBYY Lingvo 11 MSI package located on the server on which Lingvo was installed.

12. Select the **Advanced** deployment method.
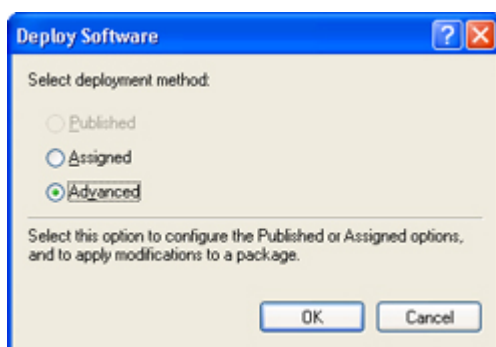
13. In the dialog box that opens, click the **Modifications** tab and then click **Add**.

14. Select the interface language that will be used by Lingvo when installed on the workstations. For example, for installing Lingvo with the English interface language, select **1033.mst** (see the full list of available interface languages above). The interface language files are located in the administrative installation folder on the server.

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INSTALLING 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.

Deploying ABBYY Lingvo in a network by using Microsoft SMS

1. Install Lingvo on the server as described above.

2. In the **SMS Administrator Console**, select the **Packages** item.
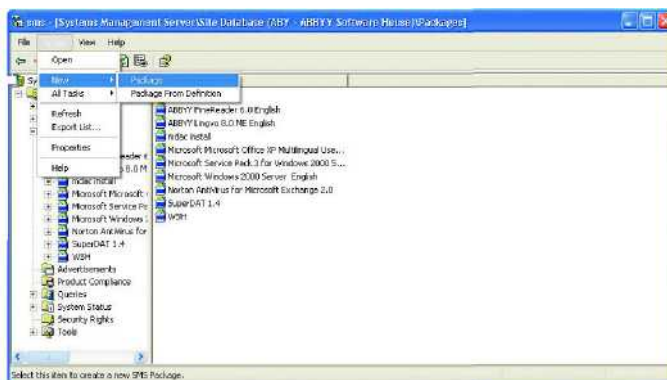
3. On the **Action** menu, select **New**, and then click the **Package** button. The **Package Properties** dialog box will appear.
4. Enter the required package description.
5. Click the **Data Source** tab.
6. Select **This package contains source files**, and then click **OK**.
7. Open the created package from the **Packages** folder and select the **Programs** subfolder.
8. On the **Action** menu, select **New/Program**.

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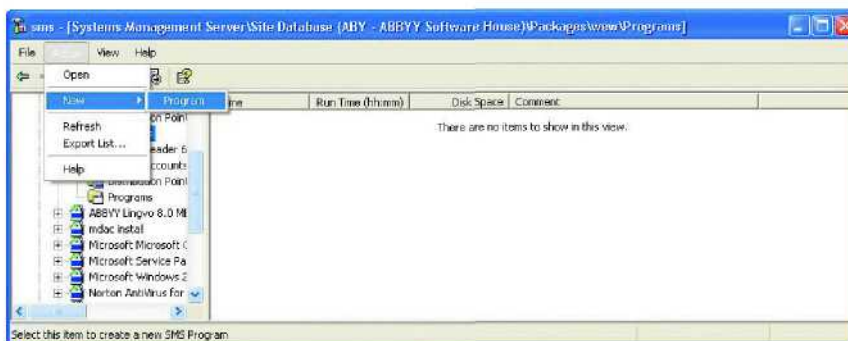
9. In the **Program Properties** dialog box that opens, click the **Browse** button to the left of **Command Line**, locate **setup.exe** in the server folder where Lingvo was installed and add the **/q** command-line option.

10. On the **Environment** tab, clear the **User input required** option, select **Run with administrative rights** and click **OK**.

11. You can also use the **Distribute Software Wizard**. To run the wizard, on the **Action** menu, select **Distributive Software** and follow the instructions of the wizard.

Important! You cannot create Distribution Points.

INSTALLING LINGVO ON WORKSTATIONS BY USING TASK SCHEDULER

To install ABBYY Lingvo 11 on workstations by using **Task Scheduler**:
1. Install ABBYY Lingvo 11 on the server.
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 ABBYY Lingvo 11 Server folder.
3. Make sure that the workstation meets the minimum system requirements.
4. Run a new task on the workstation:
    a. On the **Task** tab, specify the following parameters:
       Run: \\servername\ABBYY Lingvo 11 Server\setup.exe /s /v"/qn
       TRANSFORMS=1033.mst /Liwrmo!vepacu \"%windir%\Bitsetup.log\""
       For more information about the parameters refer to the "Installing Lingvo on Workstations via the Command Line"/"Additional command-line options" section.
    b. Run as: DOMAIN\Login
    c. In the **Set Password** dialog box, specify the password.
    d. Make sure that the **Enabled** option is selected.
  Note: DOMAIN\Login refers to the user of the local 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.

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LICENCE MANAGEMENT

GENERAL

The **Licence Manager** is a licence managing utility that is installed on the server. The Licence Manager allows the administrator to do the following:

- Add new licences;

- Activate licences;

- Assign licences to specific workstations;

- Obtain information about a current licence, such as the number of workstations on which Lingvo can be used.

LICENCE MANAGER

The **Licence Manager** includes the following components:

1. The main window with a list of current licences.
   Once a licence has been activated, the "Licence #" column displays its number and index, which corresponds to the number of the licence in the batch.

2. The status of the licence and the name of the computer which is currently using the licence.

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.

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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
- **Not activated** (you must activate such a licence to be able to work with it)
- **Awaiting activation** (an activation request has been sent to the activation server, but the licence has not yet been activated)
- **Free** (the licence is not currently being used by any workstation)
- **Used by** (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)
- **Assigned to and used by** (the licence has been assigned to a specific workstation and is currently being used by this workstation)

Per Seat licence statuses

- **Not activated** (you must activate such a licence to be able to work with it)

- **Awaiting activation** (an activation request has been sent to the activation server, but the licence has not yet been activated)

- **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 PROPERTIES

Property	Description
Licence number	The unique number of the licence.
Path to activation file	The location of the activation file.
Licence type	Either **Concurrent** or **Per Seat**.

BUTTONS

1.Activate licence...
Starts the Licence Activation Wizard for ABBYY Lingvo 11.

2. Add new licence...
Calls up the **Add Licence** dialog box The user is asked to enter the serial number of the licence manually or from a *.txt file.

3. Assign licence...
   a. For **Concurrent** licences:

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1) Assigns a **Concurrent** licence to a specific workstation (the licence can be used only by this workstation)

2) Returns a **Concurrent** licence back to the server.

b. For Per Seat licences:
Licences can be assigned to workstations before the program has been installed.

If Lingvo is uninstalled from a workstation that is currently connected to the server, the licence is returned to the server automatically.
If Lingvo is being uninstalled from a workstation that is not connected to the server, you can return the licence to the server manually. To do this, you need to load onto the server the **Uninstall_SN** (where SN is the serial number of the licence) file which the uninstall program creates in the folder **%ALLUSERSPROFILE%\All Users\Application Data\ABBYY\Lingvo** on the workstation.
To load the **Uninstall_SN** file manually:
1. In the **Licence manager**, click the **Assign Licence...** button;
2. In the **Assign Licence** dialog box that opens, select **Do not assign the licence to a network computer** and click **OK**;
3. In the dialog box that opens, click **Load file…** and browse to the **Uninstall_SN** file.

4. **Licence properties**...
Displays the properties of a licence (batch of licences).

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 11, 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 a few seconds. An Internet connection is required for this type of activation.
• **Via e-mail**

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The user must send an e-mail message generated by the program and containing information required for activation. To ensure a quick reply from the mail robot, do not alter the information in the message body or **Subject** field.

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 11 can be reinstalled on one and the same server an unlimited number of times without repeat activation. However, if you change the name of the server before reinstalling Lingvo, you will need to obtain a new Activation File.

Note:
1. You will not need to activate each workstation - they will be activated by the server automatically.
2. If some parameters of the server are changed, you will need to activate the licence on this server for a second time. If Lingvo is launched on a workstation and the program determines that its server part has not been activated, a corresponding message will be displayed and the program will not function.

TECHNICAL SUPPORT

If you have any questions about how to install and use ABBYY Lingvo 11 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.**

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