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Olympus Dictation Management System R7

Workgroup Installation Guide

Contents

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1 Introduction

Olympus Dictation Management System R7 (ODMS R7) Workgroup Launcher is a software product to enable administrators to easily deploy ODMS R7 Workgroup, and provides functions to perform tasks such as installing server applications, viewing MSI package folders for distributing client applications, and starting tools required for configuration and maintenance.

Olympus Dictation Management System R7 (ODMS R7) is a Dictation/Transcription system that supports assignments of various sizes, from individual users to multiple users. It can be used to capture audio data highly compressed with an Olympus IC recorder (hereinafter referred to as “the recorder”), and allows for real-time playback, editing, and insertion of index information.

ODMS R7 and the recorder support the playback of DSS, an international standard for audio recording, Microsoft-promoted WMA, and MP3.
With peripheral devices connected, such as a RecMic or a foot switch, it provides a variety of additional functions, including audio streaming recording and remote control playback.

The Workgroup system supports Citrix XenApp, VMware View, and some other virtual environments.
It also supports Terminal Services provided by Windows Server products, allowing this product to be used via the Terminal Services Client Virtual Driver.

In addition to ODMS R6 features, ODMS R7 offers the following functions:

- Enhanced compatibility with Nuance Dragon
- Enhanced direct recording functions using Olympus RecMic devices
- Citrix XenDesktop and VMware View support
- Addition of new applications specialized for downloading dictation files
- System management functions that enable sharing with ODMS R6

For ODMS R7 installation procedures, please consult this Installation Guide.
For information about ODMS R7 functions, please consult Help of the individual applications after installation.

1.1 System Requirements

The following table lists the operating conditions.

Item	Condition
OS	■Workgroup System Microsoft® Windows® 7 • Ultimate / Enterprise / Professional / Home Premium SP1 (x86/x64) Microsoft® Windows® 8.1 • Enterprise / Pro / 8.1 Update (x86/x64) Microsoft® Windows® 10 • Enterprise / Pro / Home (x86/x64) Microsoft® Windows Server® 2008 SP2 (x86/x64) Microsoft® Windows Server® 2008 R2 SP1 (x86/x64) Microsoft® Windows Server® 2012 (x64) Microsoft® Windows Server® 2012 R2 (x64) Microsoft® Windows Server® 2016 (x64)
CPU	Microsoft® Windows® 7: 1 GB or higher (x86)/2 GB or more (x64) Microsoft® Windows® 7: 1 GHz or higher Microsoft® Windows® 8.1: 2 GHz or higher Microsoft® Windows® 10: 1 GHz or higher Microsoft® Windows Server® 2008: 2 GHz or higher Microsoft® Windows Server® 2012: 2 GHz or higher Microsoft® Windows Server® 2016: 3.1 GHz or higher
Memory	Microsoft® Windows® 7: 1 GB or more (x86)/2 GB or more (x64) Microsoft® Windows® 8.1: 1 GB or more (x86)/2 GB or more (x64) Microsoft® Windows® 10: 1 GB or more (x86)/2 GB or more (x64) Microsoft® Windows Server® 2008: 2 GB or more Microsoft® Windows Server® 2012: 2 GB or more Microsoft® Windows Server® 2016: 2 GB or more
HDD Space	At least 2 GB of free space (Separate free space for .NET Framework is required)
.NET Framework	.NET Framework 4.6 or later
Display	1024 x 768-pixel resolution or higher 65,536 colors or more (16.77 million colors or more recommended)
Browser	Microsoft® Internet Explorer 6.0 or later (with the latest Service Pack applied)
USB	With the Dictation Module and Transcription Module: One or more USB ports available
Audio Device	With the Dictation Module and Transcription Module: A Microsoft WDM- or MME-compliant and Windows-compatible sound device
MS Office	■Microsoft Office Office 2010/2013 (32-bit/64-bit) Office 2016 (32-bit/64-bit)
Lotus Notes	Lotus Notes 8.5 / 9
Web Mail	- Outlook.com - Outlook Web App for Office 365 - Google Mail - Yahoo! Mail
Voice recognition Software	■Dragon® - Dragon® Professional Individual/Group, v14 - Dragon® Legal Individual/Group, v14 - Dragon® Professional Individual/Group, v15 - Dragon® Legal Individual/Group, v15 NOTE: - ODMS R7 does not formally support any other versions/editions than listed

	above. - ODMS R7 supports all languages supported by Dragon speech recognition software. To match Dragon's language and Windows language setting is required. - Speech recognition functions are not supported when ODMS R7 is being used in a virtual environment.
Virtual Environment Platform (Workgroup System only)*1	■ Remote Desktop Service (Windows Terminal Service) Microsoft® Windows Server® 2008 – 2016 *Requires separate RDS (TS) CAL License. ■ RemoteApp Microsoft® Windows Server® 2008 – 2016 *Requires separate RDS CAL license. NOTE: - In Windows Server 2008 - 2016, RDS CAL license is required to use ODMS on Remote Desktop Service or RemoteApp.
	■ Citrix XenApp ➢ XenApp 5/6/7 – 7.15 ■ Citrix Desktop ➢ XenDesktop 7 – 7.15 ■ Citrix Client ➢ Citrix Client applications listed below are supported for each product: - Citrix Receiver 4.0 or later NOTE: - Using Citrix virtual environments requires a separate Citrix user license.
	■ VMware View ➢ VMware Horizon View 5/6 ➢ Vmware Horizon 7 – 7.2 ■ View Client ➢ VMware View Client 5.0.1 or later NOTE: - Using VMware View requires a separate VMware View user license.
Supported Languages	English, French, German, Spanish, Russian, Swedish, Czech

*1: Remote connections via Microsoft Store apps are not supported.

	Installing ODMS R7 requires Administrator privileges.
	For the operating conditions of Wireless Communication Service, refer to the separate Wireless Communication Service Installation Guide.
	Various types of information, including product specifications, PC connections, support for OSes, and FAQs, are available on our Web site. For the latest information, access the Olympus website in your respective region.

1.2 Contents of the ODMS R7 Workgroup Launcher

Extract the ZIP file of ODMS R7 Workgroup Launcher and then execute Launcher.exe in the root folder to start the launcher. Clicking a link in this launcher executes the installer or opens the folder. The actual programs are stored in the folders in the **Setups** folder. Each of the folders is explained below.

ODMS R7 Workgroup Launcher

Folder Name	Description
InstallManual	Folder that contains Install Guides provided in various languages.
SCP	Folder that contains System Configuration Program (SCP) installer. SCP is a web application so it needs to be installed on a dedicated PC that runs 24 hours a day. This installer will install not only the web application but also the web server and database at the same time.
WCS	Folder that contains the Wireless Communication Service (WCS) installer. WCS is a Windows service required to transfer data from DS-9500 via Wi-Fi, and needs to be installed on a PC that runs 24 hours a day.
ODMS_R7	Folder that contains the ODMS R7 MSI package. This package is placed in a shared folder and used to distribute silently to client PCs. In addition, you can specify an MST file as an installation option by using MST File Generator.
SCP_Client	Folder that contains the SCP Client MSI package. This is used instead of Dictation Module when only a file download function is required. This package is placed in a shared folder and used to distribute silently to client PCs.
Citrix_Driver	Folder for storing the Client Virtual Driver used by Citrix XenApp. When using the Dictation Module/Transcription Module as an open application under a Citrix XenApp, this driver must be deployed on the client PCs.
TerminalService	Folder that contains the Client Virtual Driver for the use of a terminal service. When using the Dictation Module/Transcription Module in a Windows server terminal services environment, this driver must be deployed on the client PCs.
MST_Generator	Folder that contains the MST Generator. MST Generator is a tool to generate an MST file of ODMS R7 Workgroup.
SCP_Migration	Folder that contains SCP Migration Tool. This tool is for the profiles − group, user, and ODMS R6 DM/TM profiles − in the repository of ODMS R6 SCP to migrate to ODMS R7 SCP.
SCP_Backup	Folder that contains the SCP Backup/Restore Tool installer. This tool allows you to back up and restore not just the SCP database but the entire system. It must always be installed on the same PC as SCP is installed.

ODMS Components

- **System Configuration Program (SCP)**

  SCP is the web application for administrators to centrally manage dictation workflows, Olympus device profiles, and licenses of ODMS R7 Workgroup Mode.

- **Wireless Communication Service (WCS)**

  WCS is the Windows Service to manage wireless transfers to/from the DS-9500.

  You need to install this program on a server PC that can run 24 hours a day to communicate with all the DS-9500's on the network.

- **Dictation Module**

  This is an application for an author. It is mainly used to download a dictation file recorded with a DVR (Digital Voice Recorder), or to record a dictation file directly onto a PC. This application can automatically send a downloaded or directly recorded Dictation file via email or FTP. It also has the ability to automatically receive a transcribed document file and manage it with a link to the corresponding dictation file.

- **Transcription Module**

  This is an application for a transcriptionist. It can notify the transcriptionist of the arrival of a new dictation file and switch to a smaller window at the onset for easy transcription. It automatically receives and captures dictation files, via email or FTP for transcribing. It has document management capability that can automatically start your word processor software before transcribing, and can manage a document with a link to the corresponding dictation file. In addition, if the original dictation file was received via email or FTP, the application can automatically send a document file to a specified destination immediately after the transcription has been completed.

- **SCP Client**

  SCP Client is the resident program that can download dictation files from a recorder to a client PC without using ODMS R7

- **Client Virtual Driver**

  Client Virtual Driver is installed on a client PC when running the Dictation Module and/or Transcription Module under a Citrix XenApp and Windows Server Terminal Services. It supports communication between the client PC and server, which makes it possible to use all of the Dictation Module and Transcription Module functions under a virtual environment.
  A Citrix XenApp driver and Windows Terminal Services driver are provided for each virtual environment platform.

- **Migration tool**

  This is the migration tool that transfers your workflow environment of ODMS R6 Workgroup Mode when you upgrade the SCP.

- **MST file generator**

  This is the program that creates MST files for installations of ODMS R7. By using MST files, ODMS can be installed on all client PCs with the same settings.

- **Backup tool**

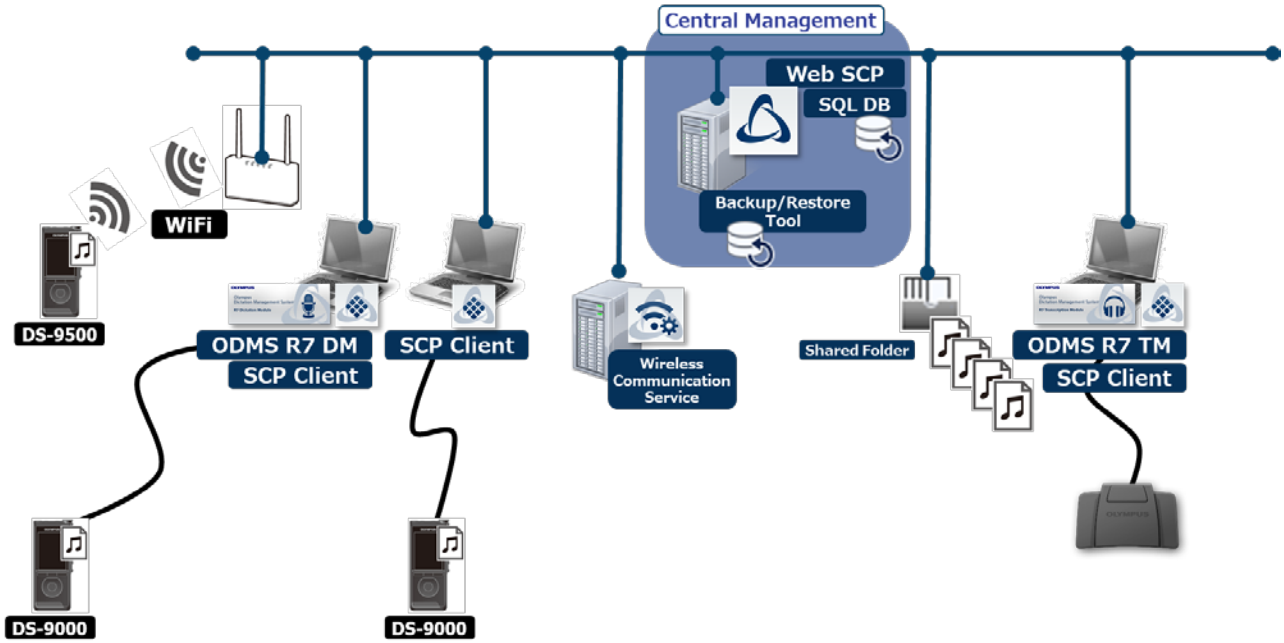
This is the tool that backs up and restores setting information managed by SCP. Backups can be automatically made periodically by using the Windows task scheduler function.
Click the above link to start Backup/Restore tool.

2 Workgroup System Configuration

This section shows the types of ODMS R7 Workgroup system configurations in system diagrams to explain each of them. Furthermore, it also explains the points regarding network configuration that must be observed when building this system.

2.1 System Architecture

The figure shown below is a system diagram for configuration with ODMS R7 Workgroup.



ODMS R7 SCP Server PC

The web application and the database are installed on this PC, which makes SCP available for the client PC's as web application. The web server and database must be installed on the same PC, so it is strongly recommended to provide a dedicated PC that runs 24 hours a day. The following web server and database are installed.

Web Server: Apache

Database: Maria DB

Wireless Communication Service PC

The windows service is installed on this PC, which processes the requests sent via an access point by all DS-9500's. For this server, it is recommended to use a separate PC from the ODMS R7 SCP Server PC that runs 24 hours a day. If the Wi-Fi functions of DS-9500 are not used, this PC is not required.

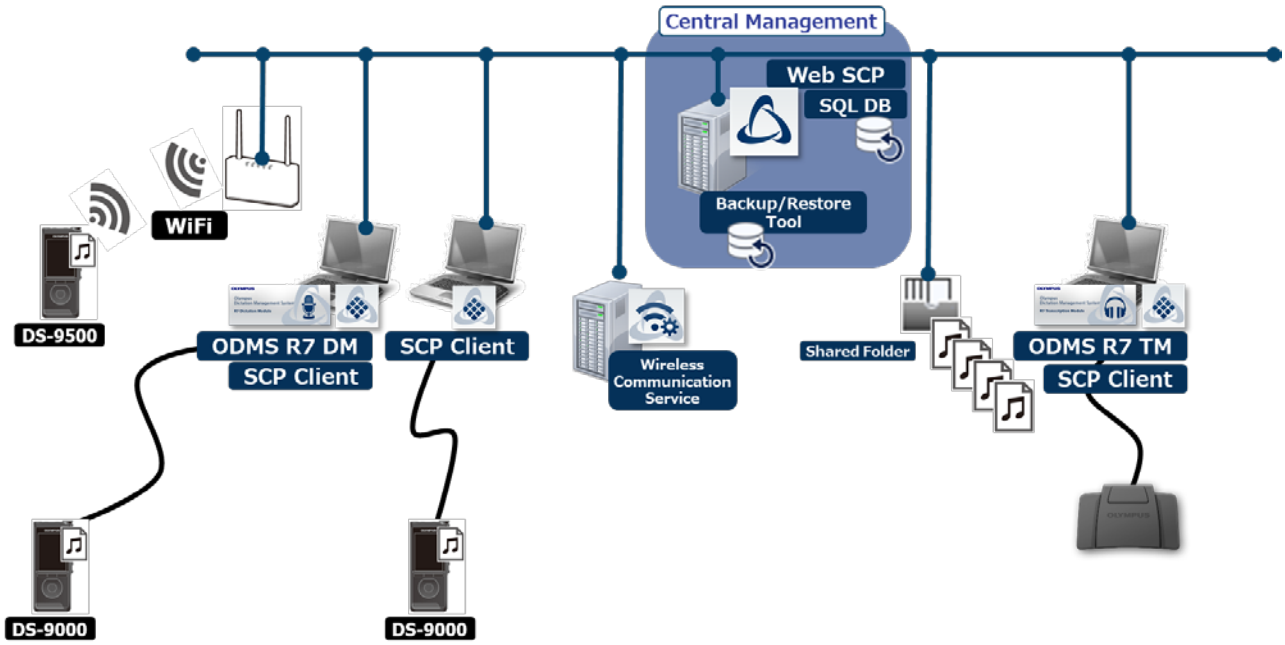
ODMS R7 Dictation/Transcription Module Client PC

Dictation/Transcription Modules for authors/transcriptionists are installed on these PC's. Furthermore, SCP Client is also installed together and is resident in the task tray. When Dictation/Transcription Module sends requests for licenses and profiles to SCP, it does so via SCP Client. In addition, SCP Client performs device

configuration and firmware updates by detecting an Olympus device connected to the PC and communicating with SCP.

2.1.1 ODMS R7 Environment

The following figure is an example of ODMS R7 Workgroup built in a physical environment, and shows the required licenses and modules.



Required Licenses

ODMS R7 SCP license (Per-seat)

ODMS R7 Dictation Module volume license (Concurrent)

ODMS R7 Transcription Module volume license (Concurrent)

Modules to Be Installed

ODMS R7 SCP

ODMS R7 Dictation Module

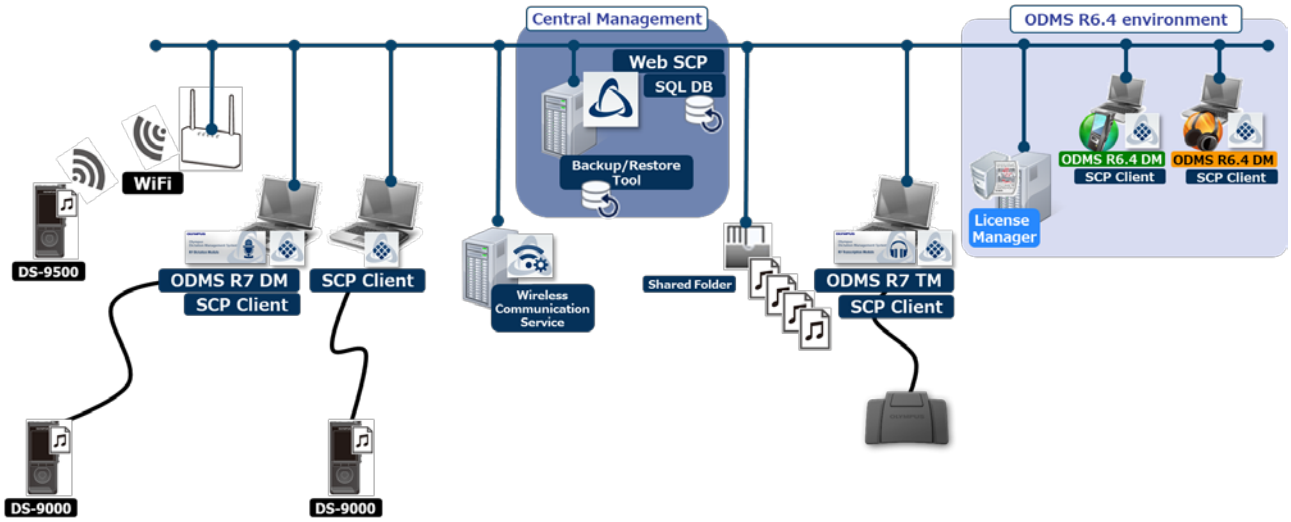
ODMS R7 Transcription Module

SCP Client

Wireless Communication Service (optional)

2.1.2 ODMS R7 and R6.4 mixed environment

The following figure is an example of ODMS R7 and R6 Workgroup built in a physical environment, and shows the required licenses and modules.



Required Licenses

ODMS R7 SCP license (Pre-seat)

ODMS R7 Dictation Module volume license (Concurrent)

ODMS R7 Transcription Module volume license (Concurrent)

ODMS R6 Dictation Module multi-license ID

ODMS R6 Transcription Module multi-license ID

ODMS R6 License Manager license ID (supplied with the ODMS R6 Administrators CD)

Modules to Be Installed

ODMS R7 SCP

ODMS R7 Dictation Module

ODMS R7 Transcription Module

SCP Client

ODMS R6.4 Dictation Module

ODMS R6.4 Transcription Module

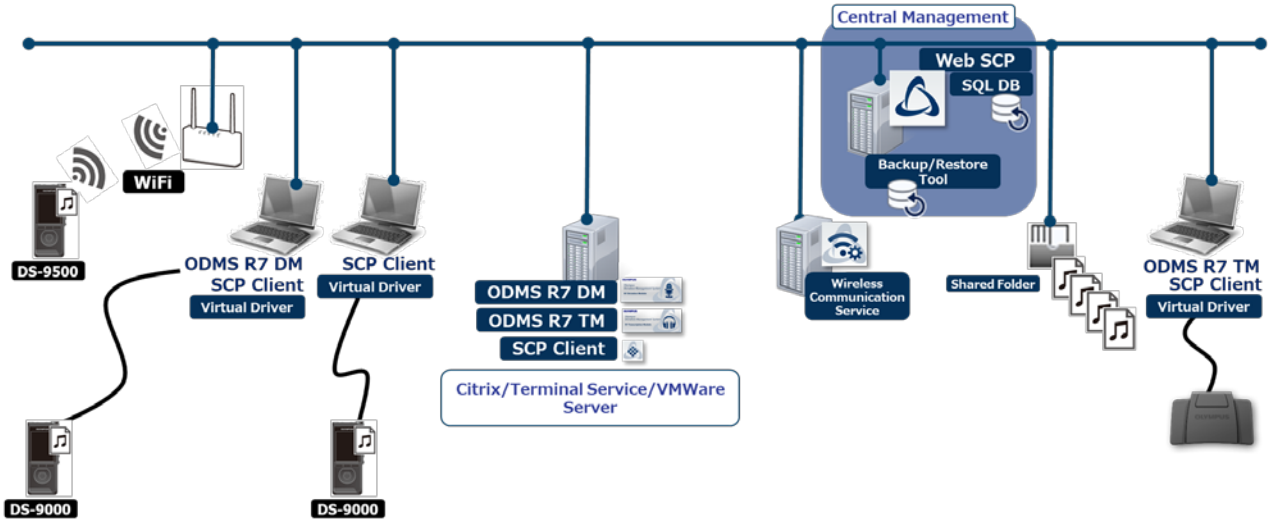
ODMS R6 License Manager

Wireless Communication Service (optional)

⚠	The licenses of ODMS R6 are managed by ODMS R6 License Manager, and cannot be managed by ODMS R7 SCP.

2.1.3 Using a virtual environment

The following figure is an example of ODMS R7 Workgroup built in a virtual environment, and shows the required licenses and modules.



Required Licenses

ODMS R7 SCP license (Pre-seat)

ODMS R7 Dictation Module volume license (Concurrent)

ODMS R7 Transcription Module volume license (Concurrent)

Modules to Be Installed

ODMS R7 SCP (server side)

ODMS R7 Dictation Module (server side)

ODMS R7 Transcription Module (server side)

SCP Client (server side)

ODMS R7 Client Virtual Driver (client side)

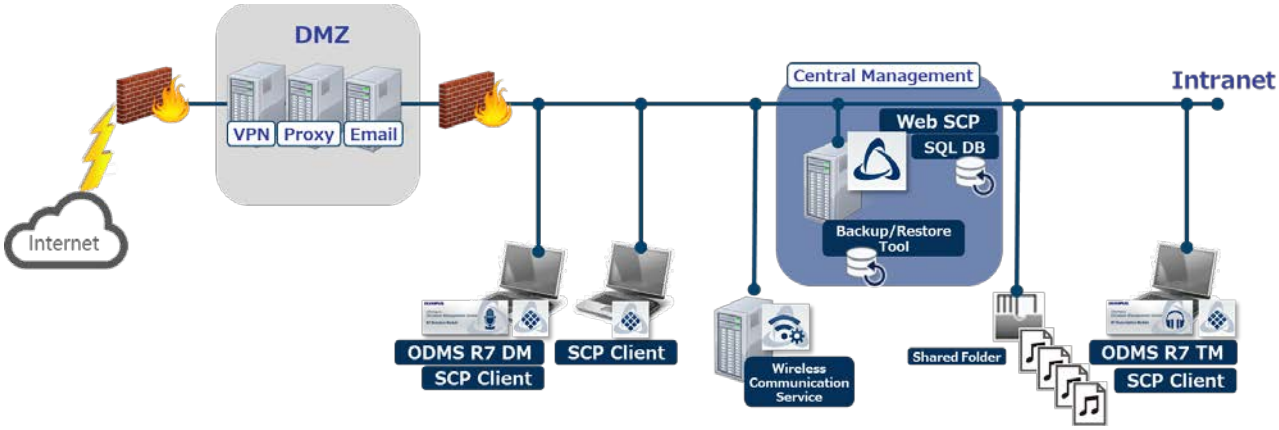
	• In the case of a mixed virtual environment of ODMS R6 and ODMS R7, the client virtual drivers of ODMS R7 and ODMS R6 need to be installed on the client PCs that use ODMS R6.4 Dictation Module/Transcription Module.

2.2 Network structure

ODMS R7 SCP is a web application, and the following figure shows a diagram of the network required when deploying ODMS R7 SCP.

ODMS R7 SCP must be placed on the Intranet as it is a tool for internal use only. Never place it in a demilitarized zone (DMZ). To enable access from outside the company, built a VPN server and configure it to be used by access to the internal LAN via a VPN.

	Please note that Olympus will accept no responsibility whatsoever in the event that some problem occurs as a result of placing ODMS R7 SCP in a DMZ.



3 Preparation before Installation

This section explains the ODMS R7 Workgroup System licenses that must be purchased before installation.

3.1 Licenses

ODMS R7 Volume License is required to use ODMS R7 SCP.

3.1.1 ODMS R7 Volume License

ODMS R7 Volume License consists of the following three modules, and an SCP license is required to use SCP. The ODMS R7 DM and TM licenses are optional, and you need to purchase a number of licenses equivalent to the number of PCs to be run at the same time for each of DM and TM.

Module Name	Type	Mandatory
SCP	Per-seat	Yes
ODMS R7 DM	Concurrent	No
ODMS R7 TM	Concurrent	No

About purchasing of a license file
Individual license file can be purchased from Olympus. Please contact your dealer or distributor for details.

For add-on licenses to existing license file, please contact your dealer or distributor for details.

3.1.2 File Downloader

A license is not required to use File Downloader.

4 Workgroup System Installation

This section explains the procedure for implementing the ODMSR7 Workgroup System.

The ODMS R7 Workgroup Launcher can be used to install the following Server programs.

- ODMS R7 System Configuration Program
- Wireless Communication Service

When you click an application in the Client package of the launcher, the MSI package of each application opens. To deploy the client application, using Active Directory and Group Policy or a startup script, copy the MSI package to a shared folder.

4.1 Workgroup System Installation Procedure

Server and client installation methods depend on whether or not you are using a virtual environment platform, which requires a Client Virtual Driver.

4.1.1 Installation to a Physical Environment

Use the following procedure for installation when structuring the environment so a Client Virtual Driver is not required.

■ Procedure

1. Install System Configuration Program.

   Install System Configuration Program in accordance with the information under Installing System Configuration Program.

2. Install Wireless Communication Service

   Install this when the Wi-Fi functions of DS-9500 are used. For information about the Wireless Communication Service installation procedure, see Wireless Communication Service Installation Guide.

3. Deploy Dictation Module and Transcription Module.

   Deploy Dictation Module and Transcription Module in accordance with the information under Client application deployment.

4.1.2 Installation to a Virtual Environment

Use the following procedure for installation when the environment is structured so a Client Virtual Driver is required.

■ Procedure

1. Install System Configuration Program.

Install System Configuration Program in accordance with the information under “5.1 Installing System Configuration Program”.

2. Install Wireless Communication Service

Install this when the Wi-Fi functions of DS-9500 are used. For information about the Wireless Communication Service installation procedure, see Wireless Communication Service Installation Guide.

3. Install the Dictation Module and/or Transcription Module on the server.

Install the Dictation Module and/or Transcription Module on the virtual environment server PC.
For information about Dictation Module and Transcription Module installation procedures, see the Install Manual that comes with the ODMS R6 Clients CD.

4. Deploy Citrix / Terminal Service Virtual Driver.

If you use the Dictation Module and/or Transcription Module in a virtual environment, you need to deploy the Virtual Driver on the client PC.

5 Server application introduction

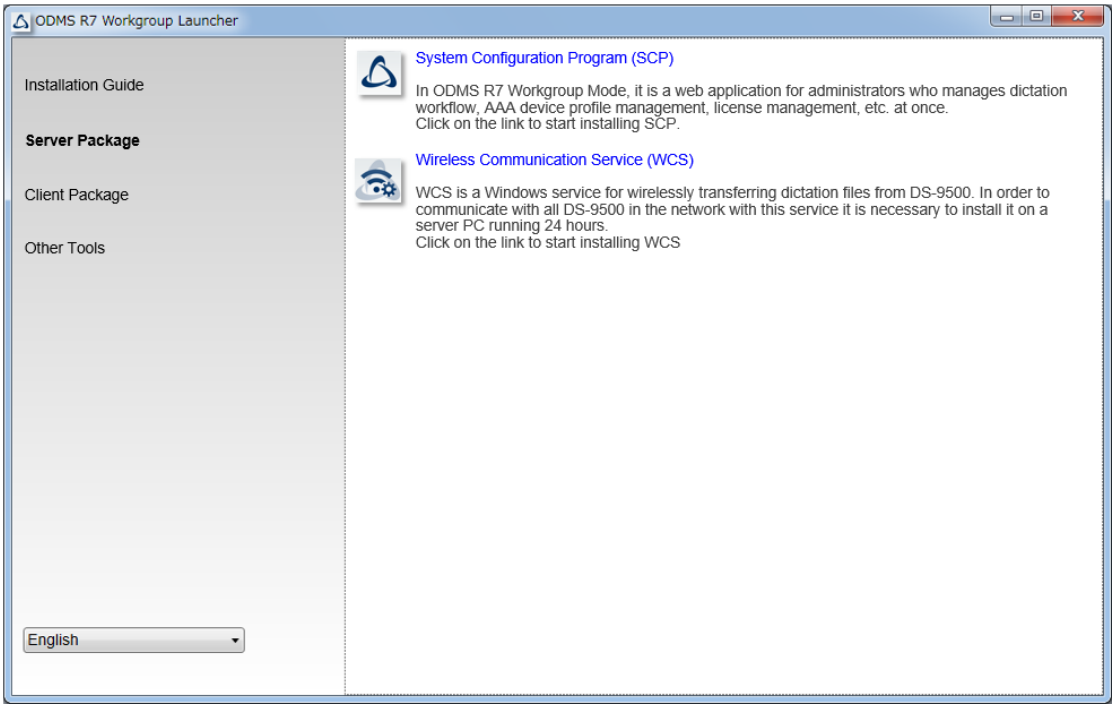
This section explains how to install SCP, which is a server application, and the firewall settings after installation.

5.1 Installing System Configuration Program

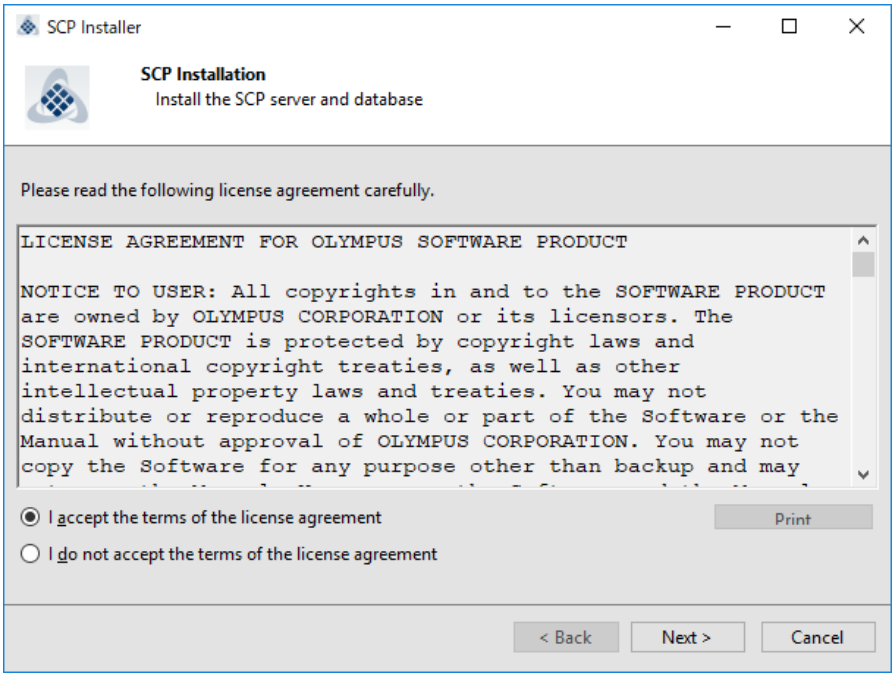
Use the following procedure to install System Configuration Program.

■ Procedure

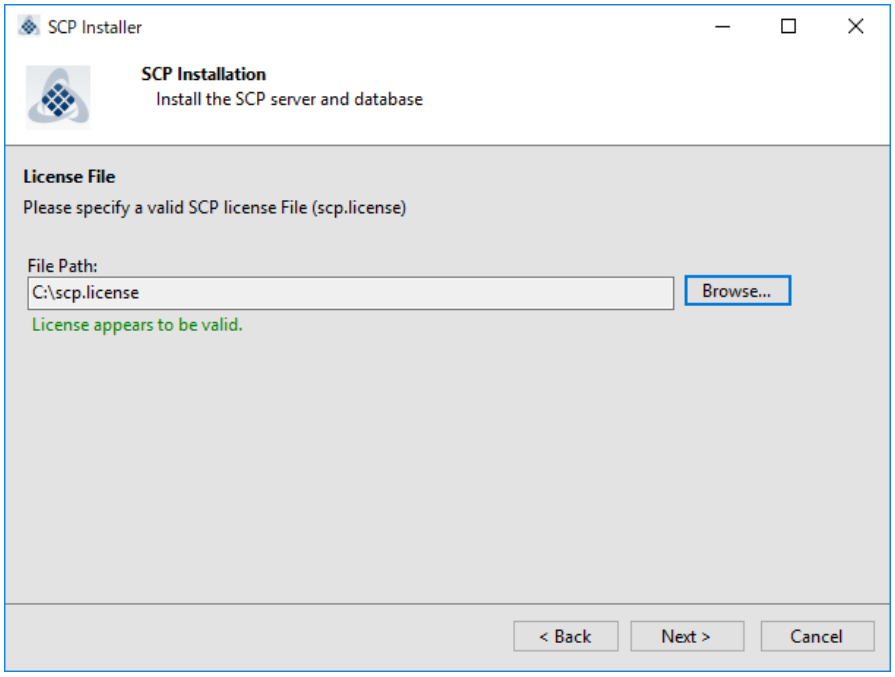
1. Double-click the Launcher.exe – the execution program of ODMS R7 Workgroup Launcher. When the launcher starts, select Server Package in the left menu and then click System Configuration Program (SCP) in the right pane.



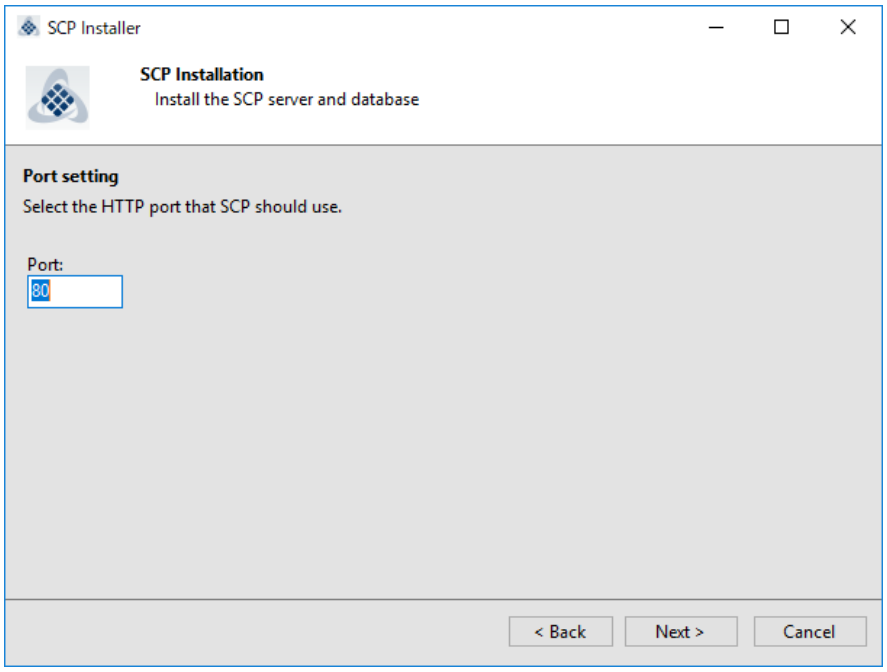
2. The installer of SCP starts. Agree to the license agreement by selecting **I accept the terms of the license agreement** and then click the [Next] button.



3. Click the [Browse...] button to specify the SCP license file (scp.license) you purchased in advance or the trial license file (scp.license), and click the [Next] button.



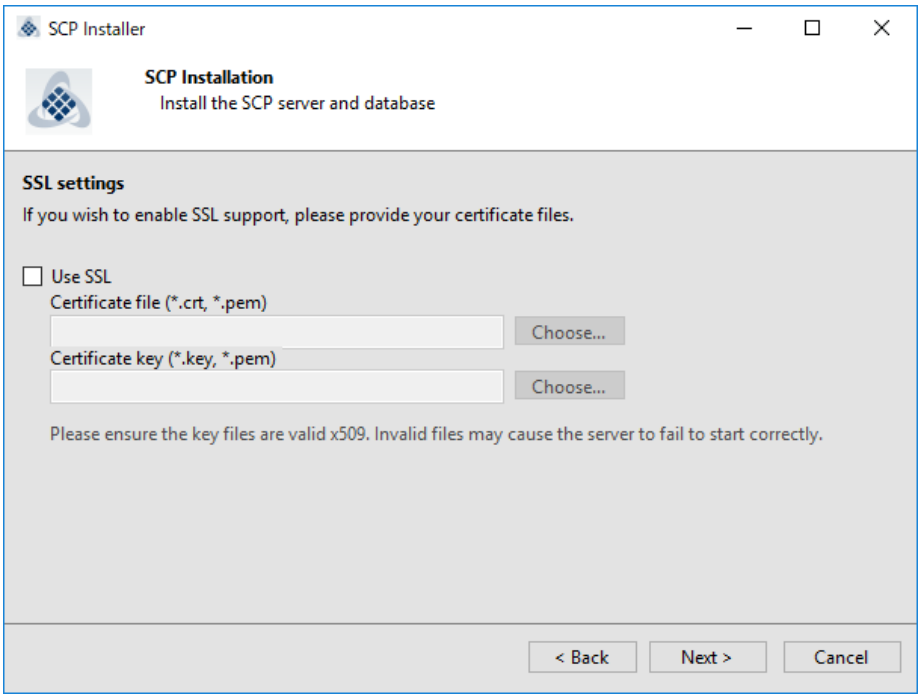
4. Specify the port number of the SCP website to be published. The default is 80. If a warning message appears because the port number is already in use, change it to another number such as 8080 and click the [Next] button.



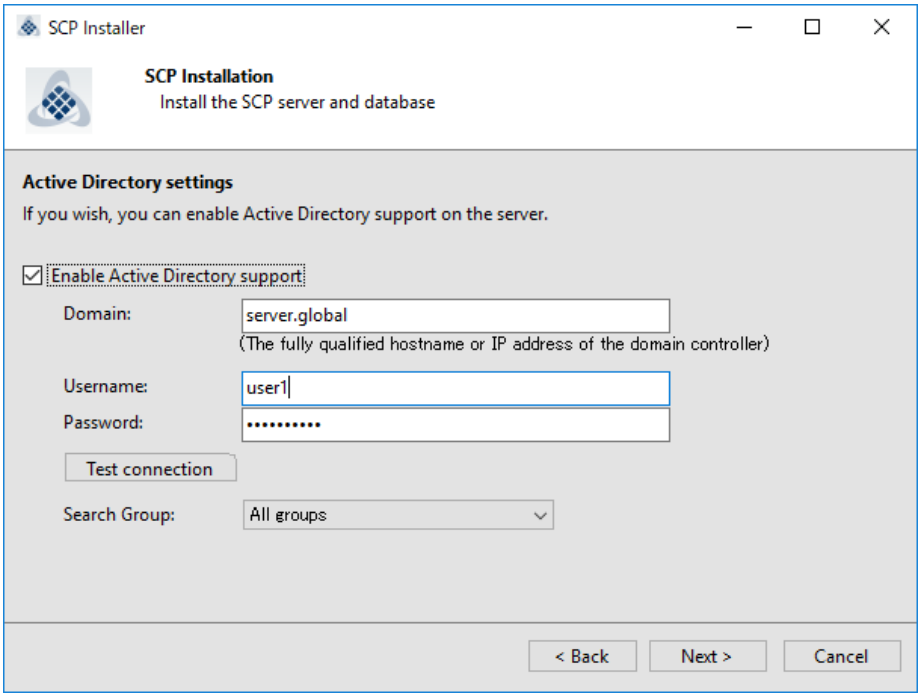
	WAMP is installed during the installation of SCP, and an error may occur if port 3306 is already used by MySQL or MariaDB installed for other applications, In that event, install SCP on another PC or change the port of MySQL or MariaDB installed for other applications.

5. If you wish SCP to be encrypted with SSL, select **Use SSL**, specify each of a certificate file (public key) and certificate key file (private key), and click the [Next] button.

	For the SSL certificate, either purchase one for an internal network from a public institution or build a certification authority (CA) and create a self-signed certificate.
	Setting SSL enables communication between SCP and SCP Client to also be encrypted. This is possible by specifying https://*servername* for the SCP address when installing SCP Client.

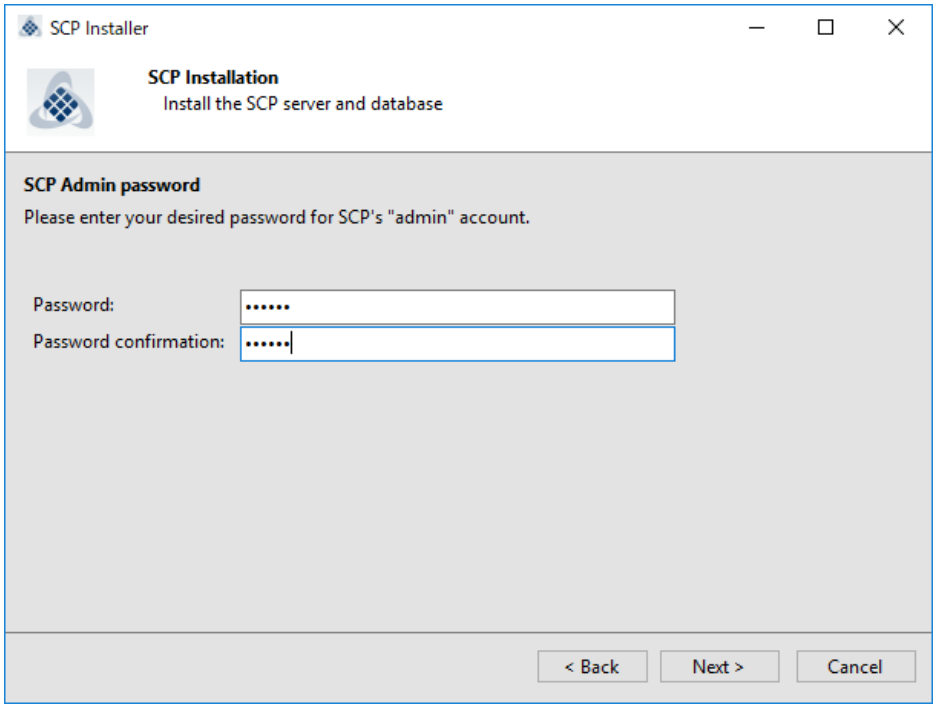


6. To register users and groups from Active Directory after installation, select **Enable Active Directory support**, enter the domain name and user account information, and click the [Test connection] button. If the connection is successful, the [Next] button becomes available so click it.

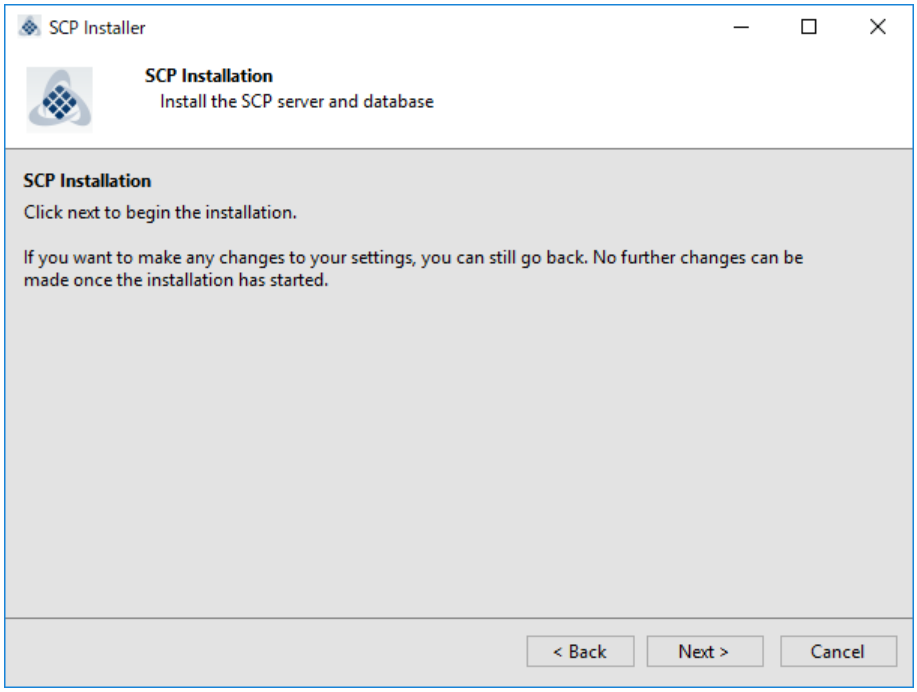


7. Enter the password of the "**admin**" system administrator account of SCP in Password and Password confirmation and then click the [Next] button. This password is used to log in to SCP immediately after installation.

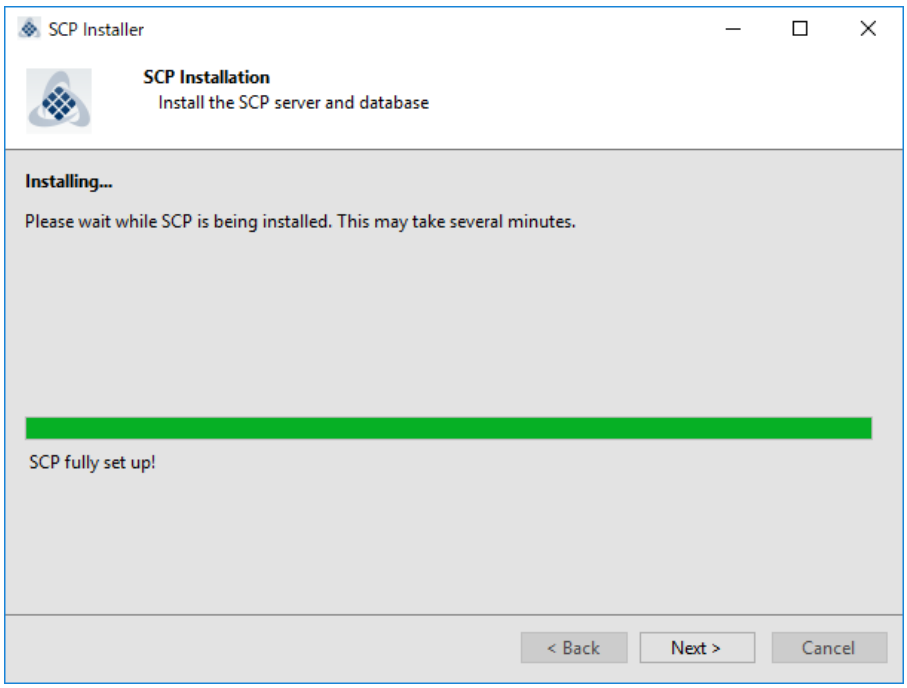
	Additional system administrator accounts can be created after completing the installation. If you forget the passwords of all accounts, you will have to reinstall SCP.



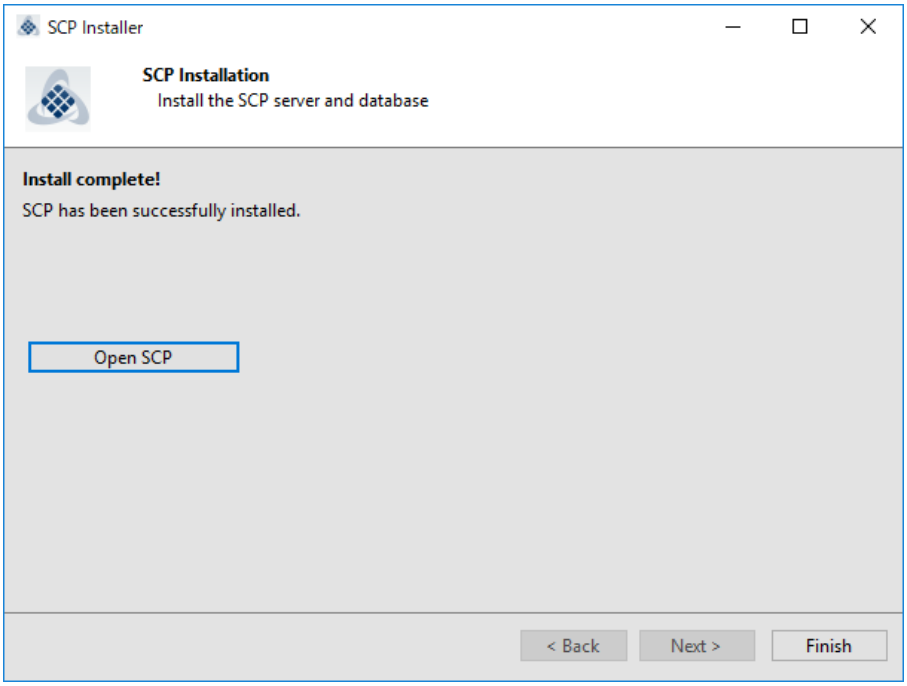
8. Click the [Next] button to start the installation.



9. When the entire installation is complete, the following screen appears. Click the [Next] button.



10. If you click the [Finished] button, the installation finishes, but if you click the [Open SCP] button, the browser starts and the SCP login screen appears.



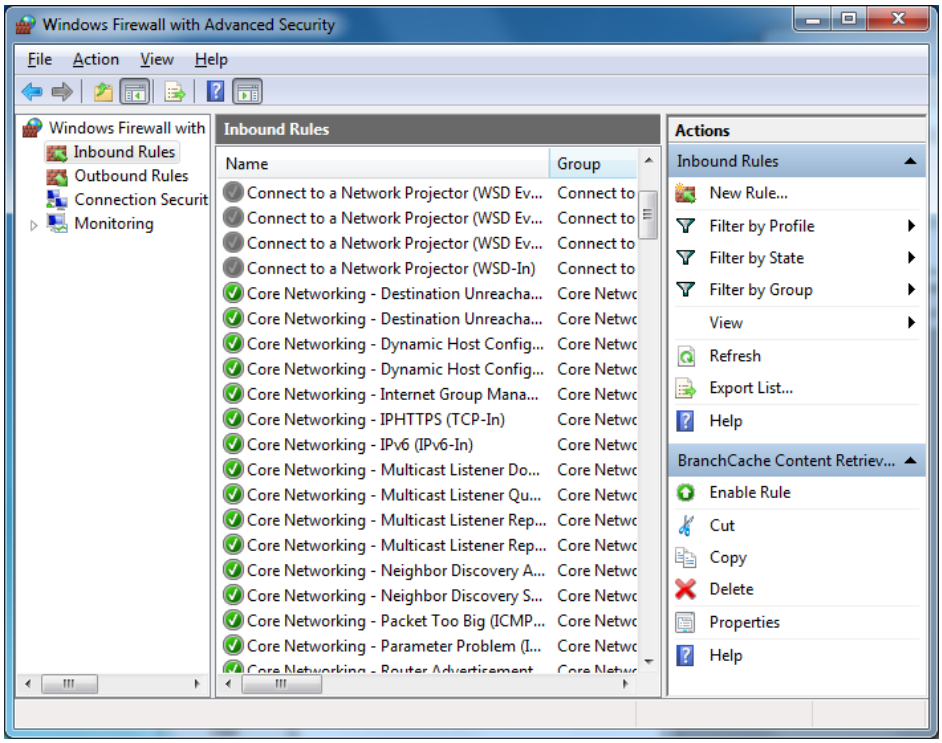
5.2 Configuring System Configuration Program

When installation of System Configuration is completed, you need to configure the firewall settings manually. Perform the following procedure to configure the settings.

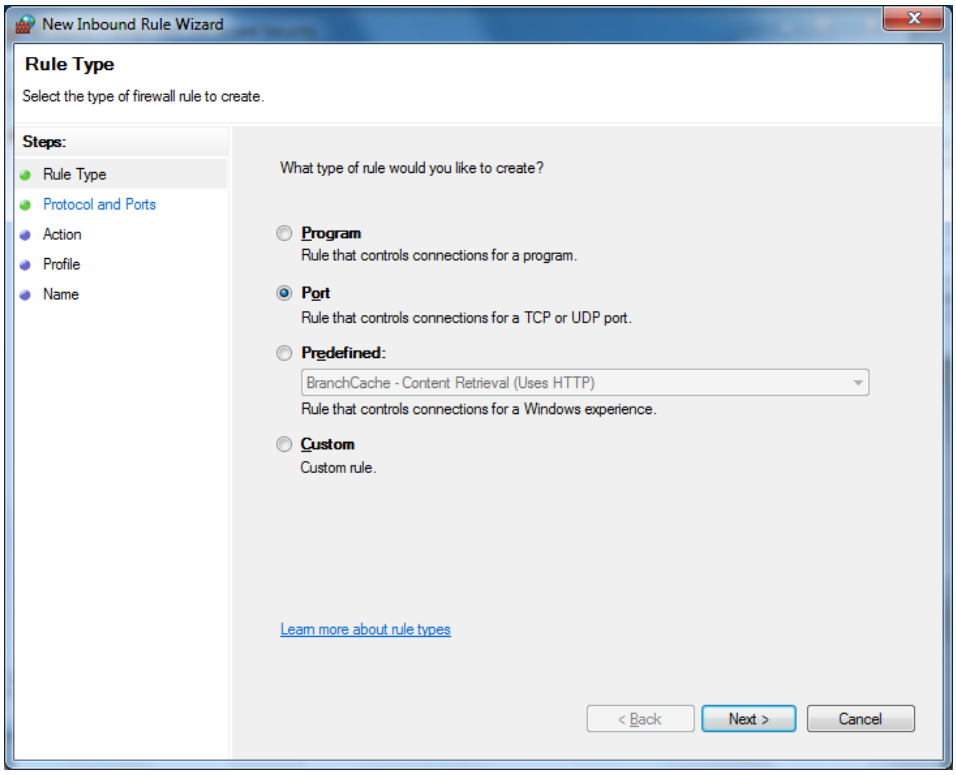
⚠	If you do not configure these settings, communication with client PCs will not be possible so make sure you configure them.

■ Procedure

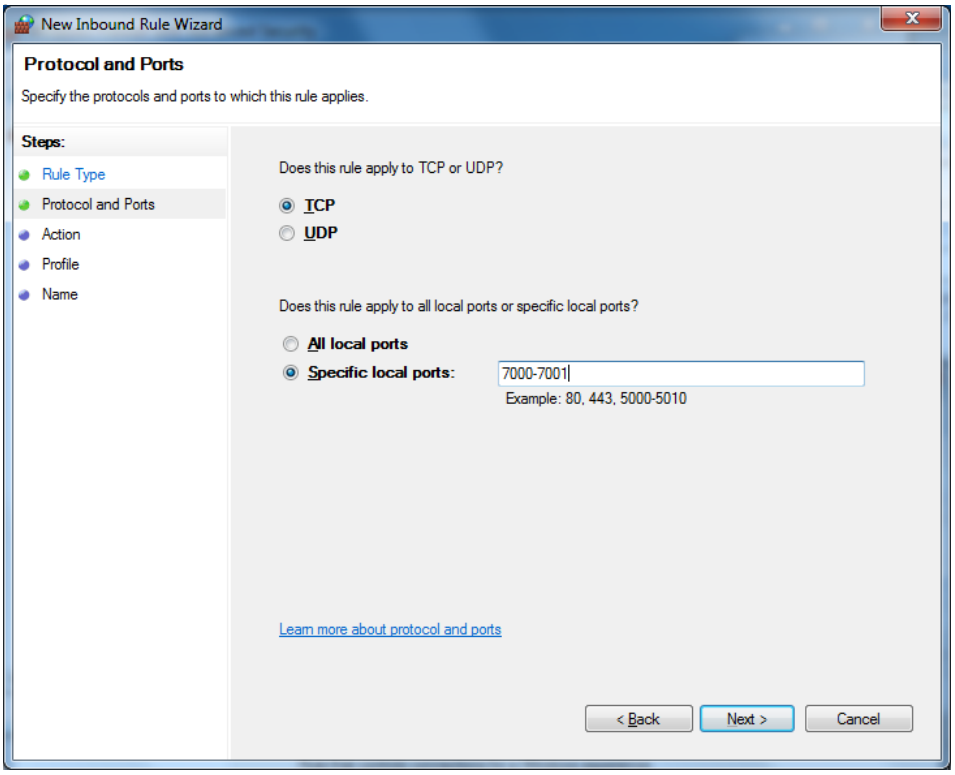
1. To manually allow a program through the firewall, click **Run** in the **Start** menu, type **WF.msc**, and then click **OK**. The following screen appears. Select **Inbound Rules** in the left column and then click **New Rule** in the pane on the very right side of the window.



2. A wizard starts. Select **Port** and then click the [Next] button.

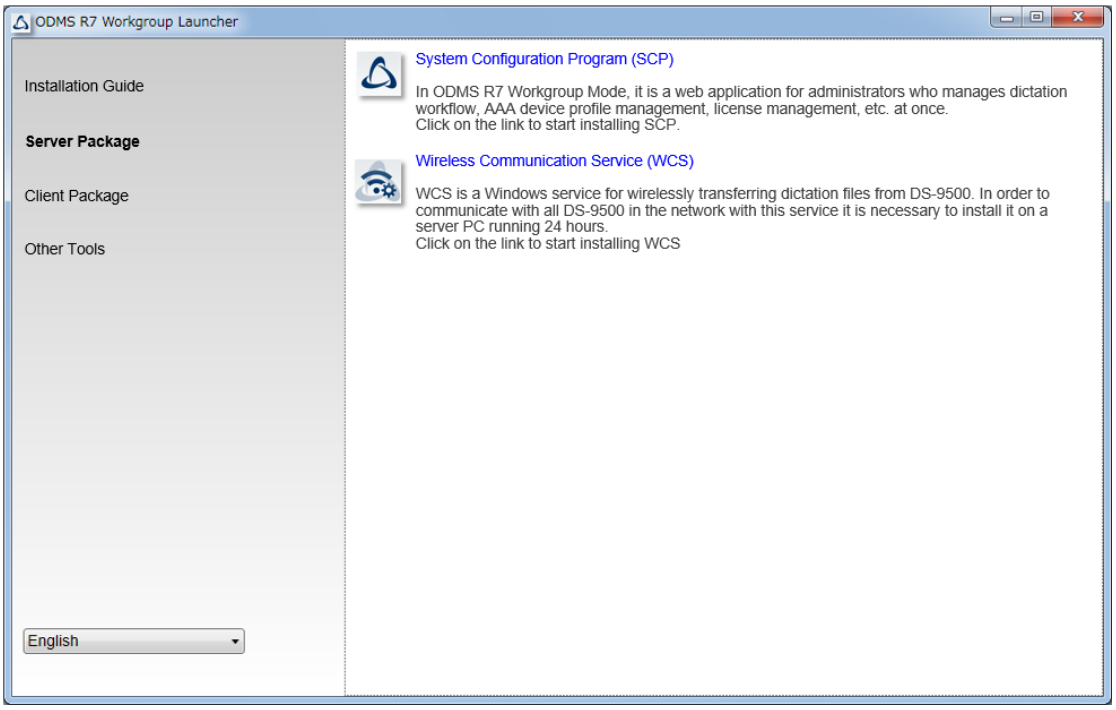


3. The screen changes to **Protocol and Ports**. Select **TCP** for the first selection option, select **Specific local ports** for the next selection option, specify the port number you specified when installing SCP in the edit box on the right, and click the [Next]



5.3 Installing Wireless Communication Service

Double-click the Launcher.exe − the execution program of ODMS R7 Workgroup Launcher. When the launcher starts, select **Server Package** in the left menu and then click **Wireless Communication Service (WCS)** in the right pane.
For details on the installation of Wireless Communication Service, refer to the "Wireless Communication Service Installation Guide."

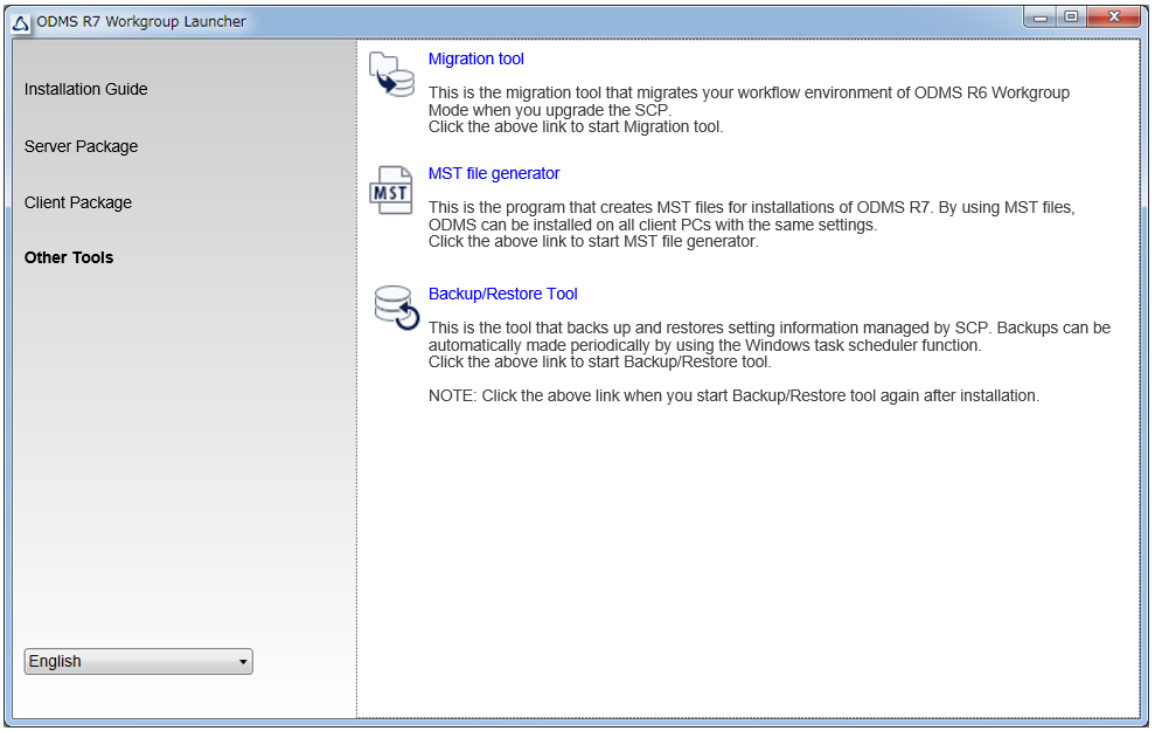


6 Migration from SCP for ODMS R6

This section explains the procedure to migrate from an existing ODMS R6 Workgroup to ODMS R7 Workgroup. Migration means the process of registering the profiles in the repository of ODMS R6 to the database of ODMS R7 SCP. Performing migration registers all group, author, and transcriptionist registrations and the ODMS R6 profiles associated with them to the database so that the existing data can be handled immediately in ODMS R7 SCP.

■ Procedure

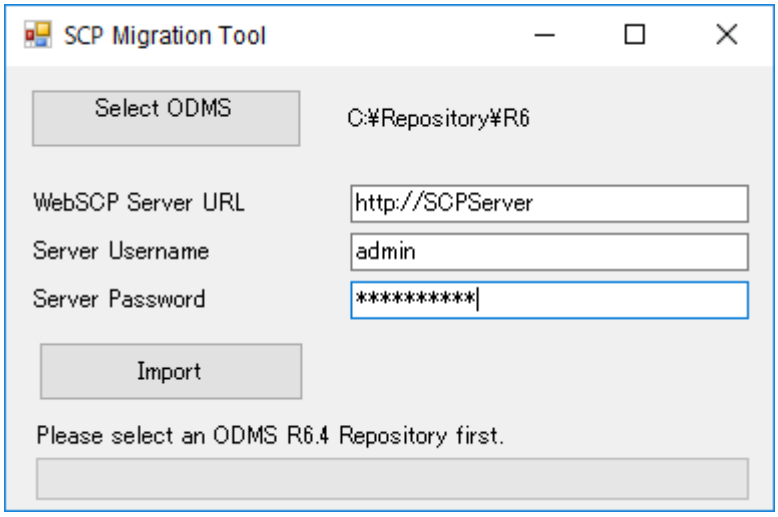
1. Double-click the Launcher.exe − the execution program of ODMS R7 Workgroup Launcher. When the launcher starts, select **Other Tools** in the left menu and then click **Migration tool** in the right pane.



2. Migration Tool starts. Click the [Select Repository] button and specify the repository folder of ODMS R6.

	The repository path can be confirmed by starting ODMS R6 SCP and then checking the path on the **Repository** tab of **Options** displayed from the **File** menu. If the path is, for example, "c:¥repositoy," specify "c:¥repository¥R6" for the folder to select.
	When the repository is being operated with Repository Service, run this tool on a PC that can view the path of the repository that is managed by Repository Service. The path to specify is the same as above.

Next, enter the URL of SCP Server in **SCP Server URL** and click the [Import] button.



3. The progress of the profile currently being imported is displayed below the [Import] button. Wait until importing finishes. When all profiles are imported, the Finished dialog box appears.

6.1 Migration for ODMS R6.4 Dictation / Transcription Module

Once migration of ODMS R6 SCP is complete, perform the migration of the client application next. The target client application is ODMS R6.4 Dictation/Transcription Module.

	If the version of ODMS R6 is not 6.4, it needs to be upgraded to 6.4.

■ Procedure

1. First, distribute SCP Client to the PC of each user.

	For the SCP Client distribution procedure, refer to the following. ・Using startup script ・Batch file execution by user

2. Next, apply the latest patch to ODMS R6.4. The patch can be distributed using the same procedure as SCP Client, so refer to the links in step 1. Place the patch in the shared folder, and create a batch file like the following.

```
"¥¥server¥¥ODMSR6patch¥R640PatchSCP.EXE" /q:a /c:"PatchInstaller /o /q /i"
```

7 Client application deployment

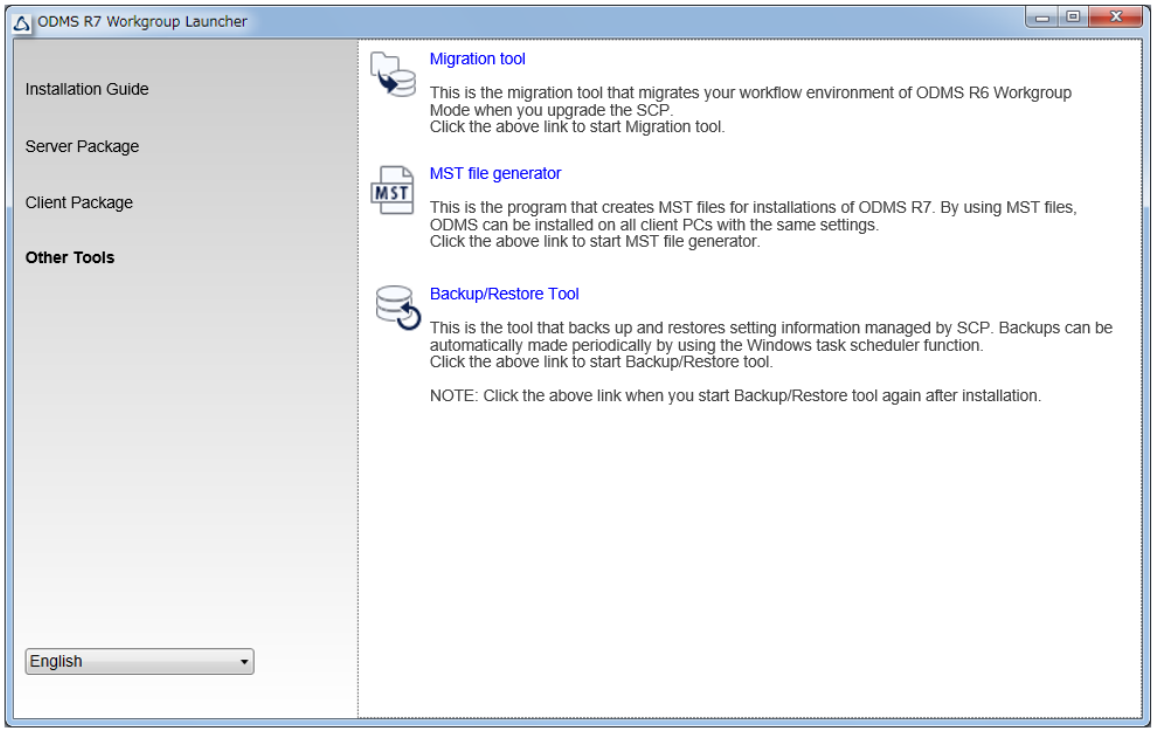
This section explains how to deploy the client applications Dictation Module/Transcription Module, SCP Client, Client Virtual Driver, and ODMS patch.

7.1 Preparation before deployment

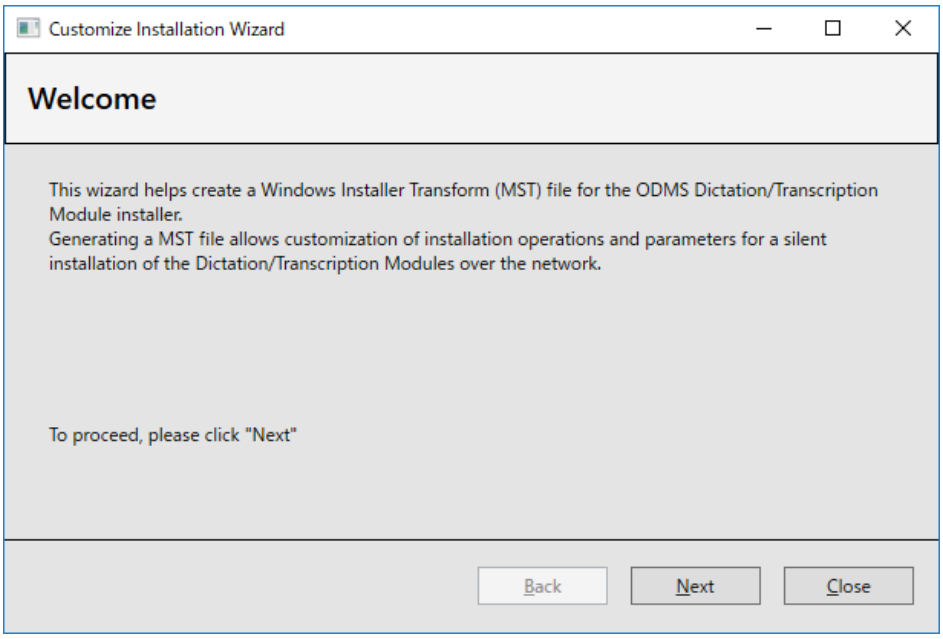
There are many parameters to configure when installing the client application Dictation/Transcription Module, but you can simplify parameter specification during installation by creating an MST file. This section explains how to generate an MST file of ODMS R7 Workgroup.

■ Procedure

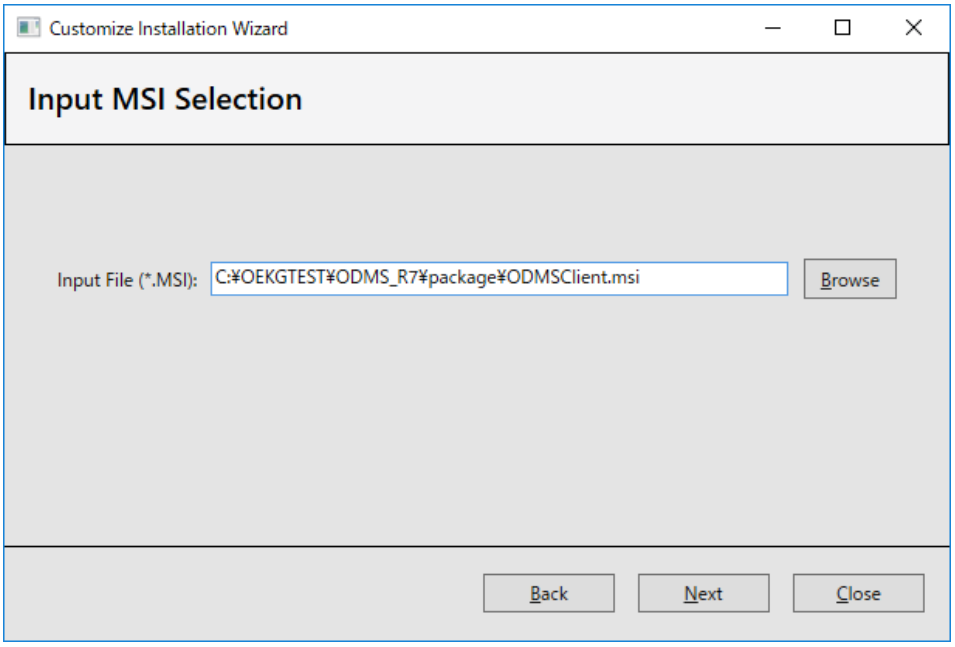
1. Double-click the Launcher.exe − execution program of ODMS R7 Workgroup Launcher. When the launcher starts, select **Other Tools** in the left menu and then click **MST file generator** in the right pane.



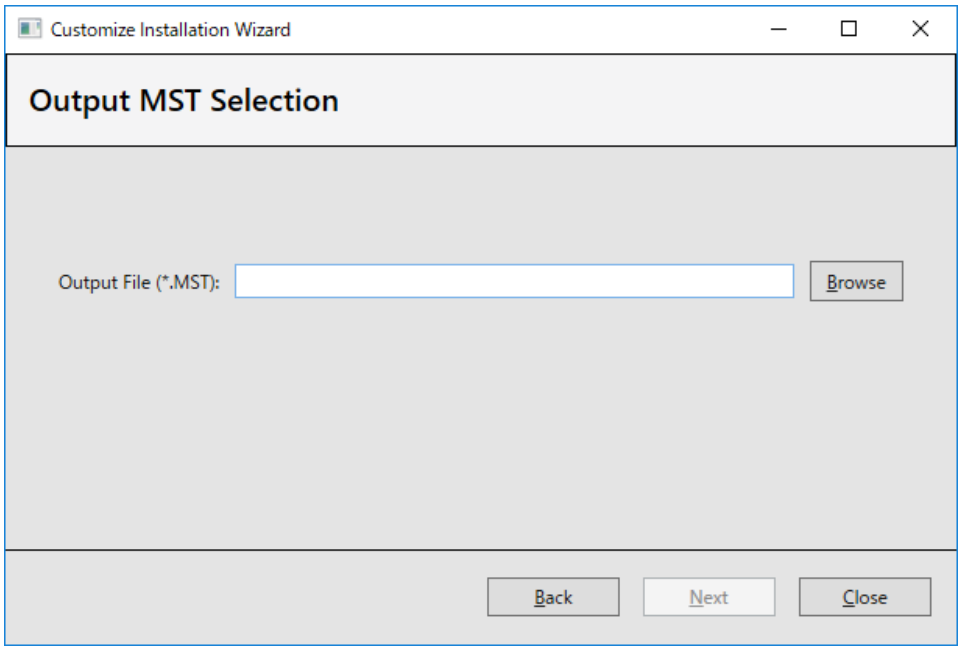
2. The Welcome wizard of the ODMS R7 workgroup installer appears first. Click the [Next] button.



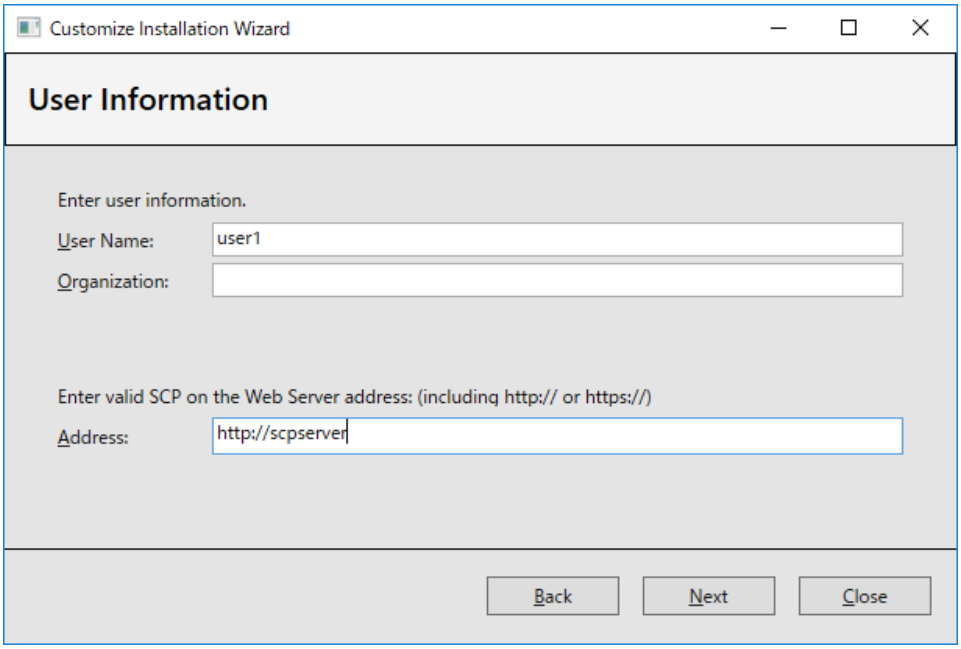
3. When asked to specify the location of the MSI package of ODMS R7, click the [Browse] button, select the Setups¥ODMS_R7¥ODMSClient.msi file from the folder in which ODMS R7 Workgroup Launcher was extracted, and click the [Next] button.



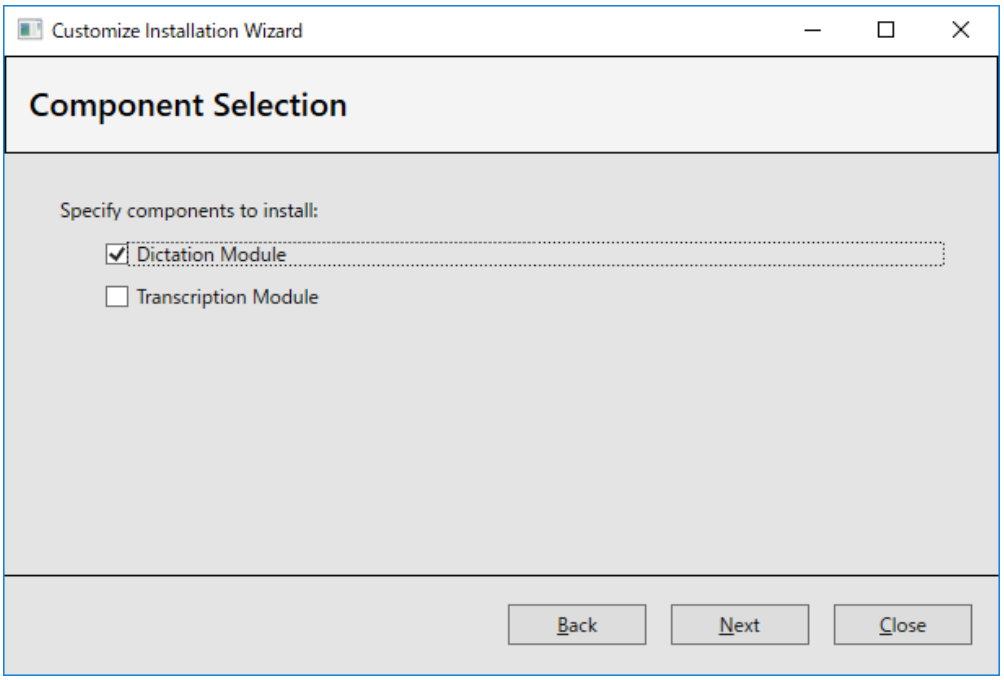
4. When asked to specify the location of the MSI package of ODMS R7, click the [Browse] button, select the Setups¥ODMS_R7¥ODMSClient.msi file from the folder in which ODMS R7 Workgroup Launcher was extracted, and click the [Next] button.



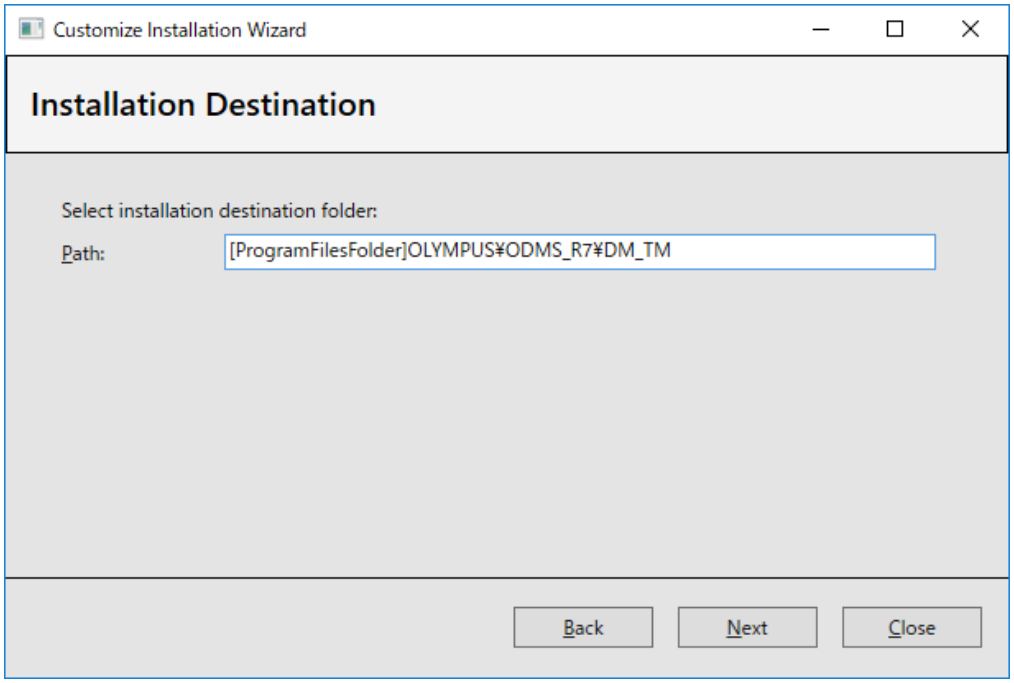
5. Enter the information in **User Name** and **Organization**, and enter the URL of SCP server in **Address**. If you specified an SSL certificate when installing SCP Server, communication between SCP and SCP Client encrypted with SSL will become possible if you enter the URL beginning with https. When input is finished, click the [Next] button.



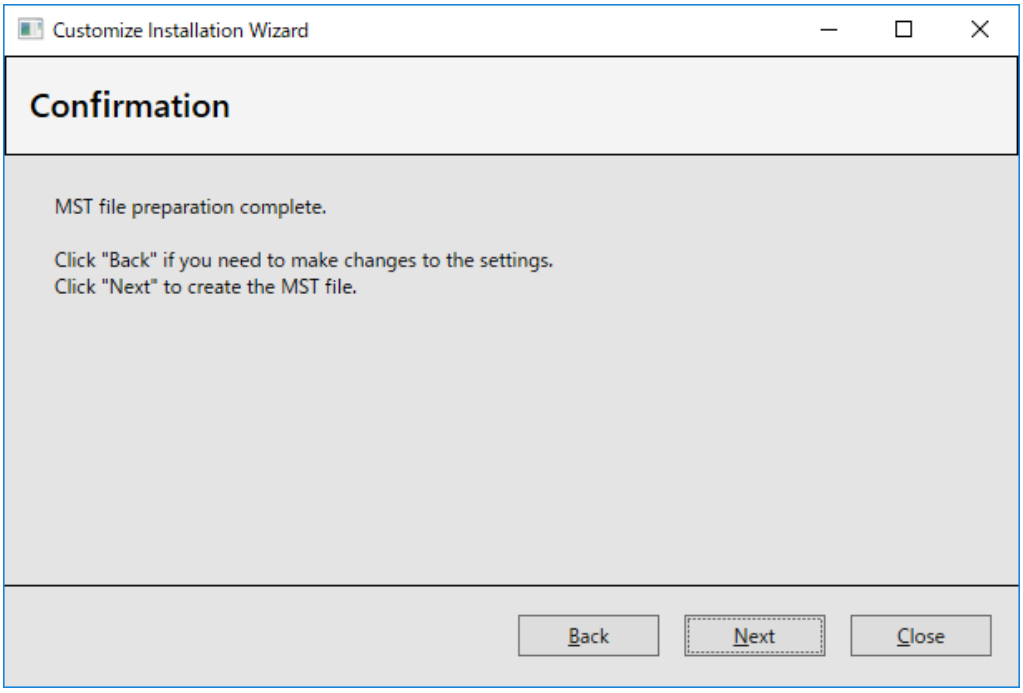
6. Specify the module to be installed. Since Dictation Module and Transcription Module are supposed to be distributed as separate organizational units, we recommend creating an MST file for Dictation Module and an MST file for Transcription Module separately. When the selection is finished, click the [Next] button.



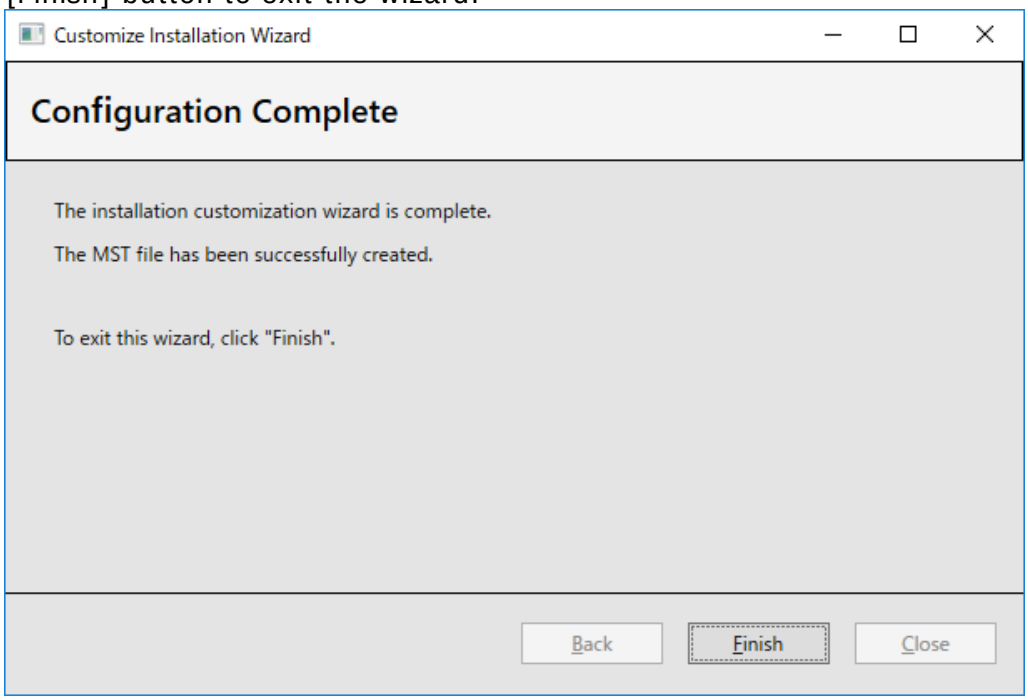
7. Specify the installation destination path for Dictation/Transcription Module. If you wish to change the default path, change the path in **Path** and click the [Next] button.



8. Click the [Next] button to start generation of the MST file.



9. When generation of the MST file finishes, the following wizard appears. Click the [Finish] button to exit the wizard.



7.2 Using Active Directory and Group Policy

Using Windows Server 2008 as a model, this section explains the procedures for registering automatically distributed applications using group policy. You can use the same procedure to configure installation settings for Dictation Module, Transcription Module, and Client Virtual Driver.

First configure .NET Framework 4.6 or higher, and then install the Dictation Module and other applications.

7.2.1 Register Organization Unit for Application Deployment

Register the organization by following the procedures below:

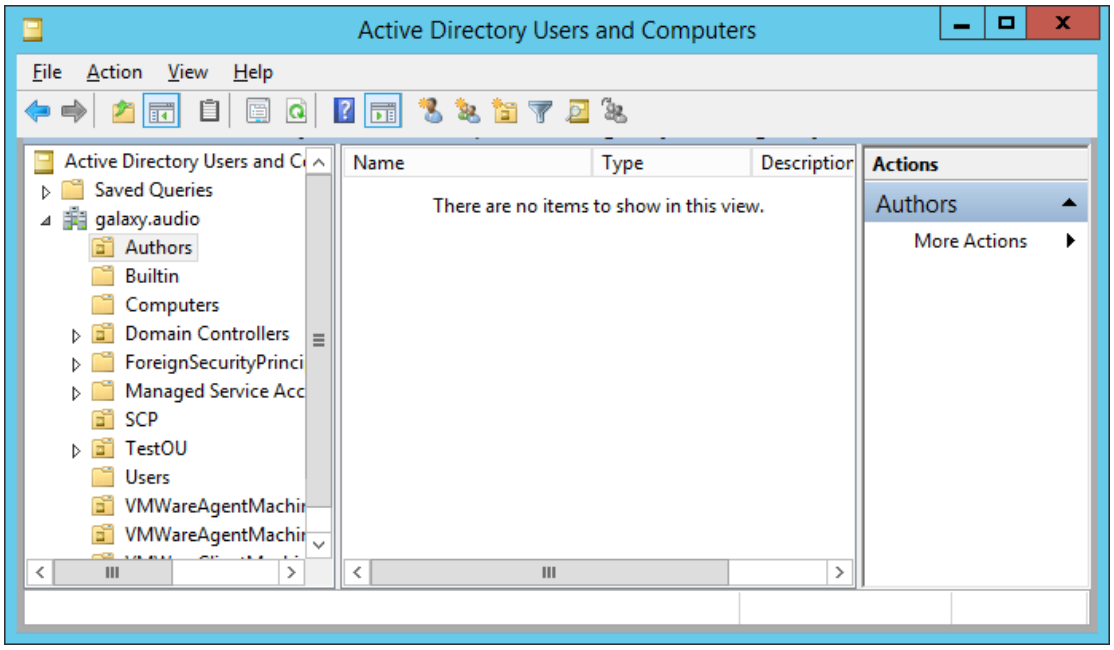
■ Procedure

1. From the Windows Start menu on the server, select [All Programs] – [Administrative Tools] – [Active Directory Users and Computers].

→ An Active Directory Users and Computers dialog box will appear.

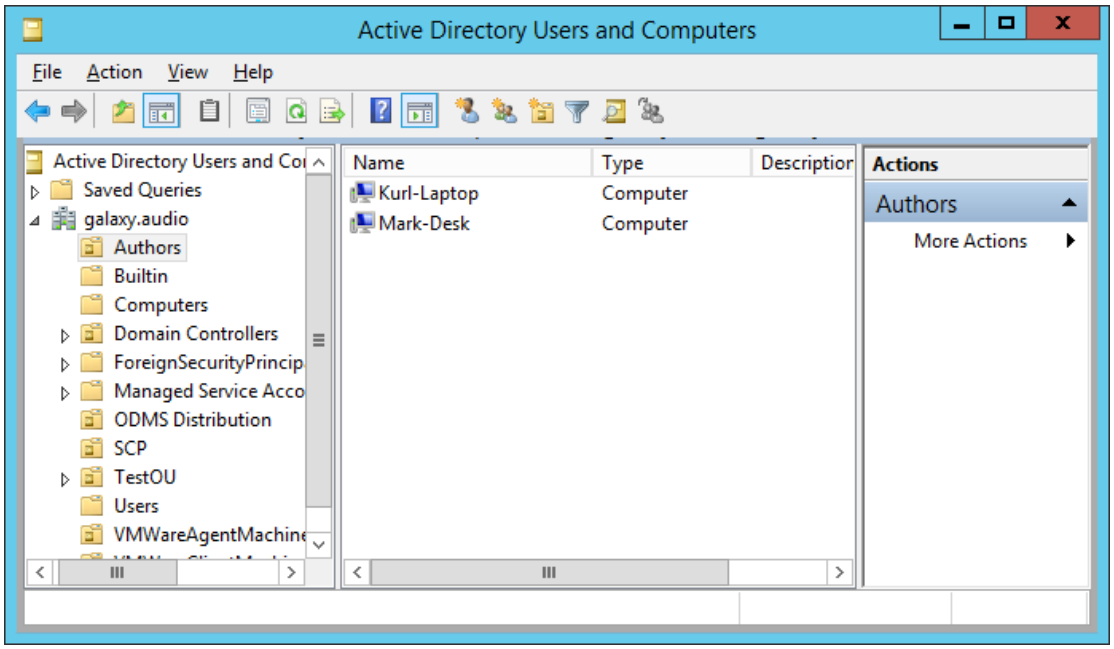
2. Create a new organization (OU).

Select a Domain name in the tree view, then right-click.
Select [New] – [Organizational Unit] from the menu, enter the organization name (ex., “Authors”) then click [OK].



3. Register the desired computer to the organization (OU).

Select the newly created organization (“Authors”), then select [New] – [Computer] on the context menu.
Follow the wizard to register computers to which the application is to be distributed.
The figure below shows registration of two PCs: Kurl-Laptop and Mark-Desk.



	If the computer is already managed by Active Directory, select “Computers” in the tree view, then select the PC from the list to which the application is to be distributed. On the context menu of the PC, select [Move], and then move the PC to the newly created organization.

7.2.2 Register Group Policy

■ Procedure

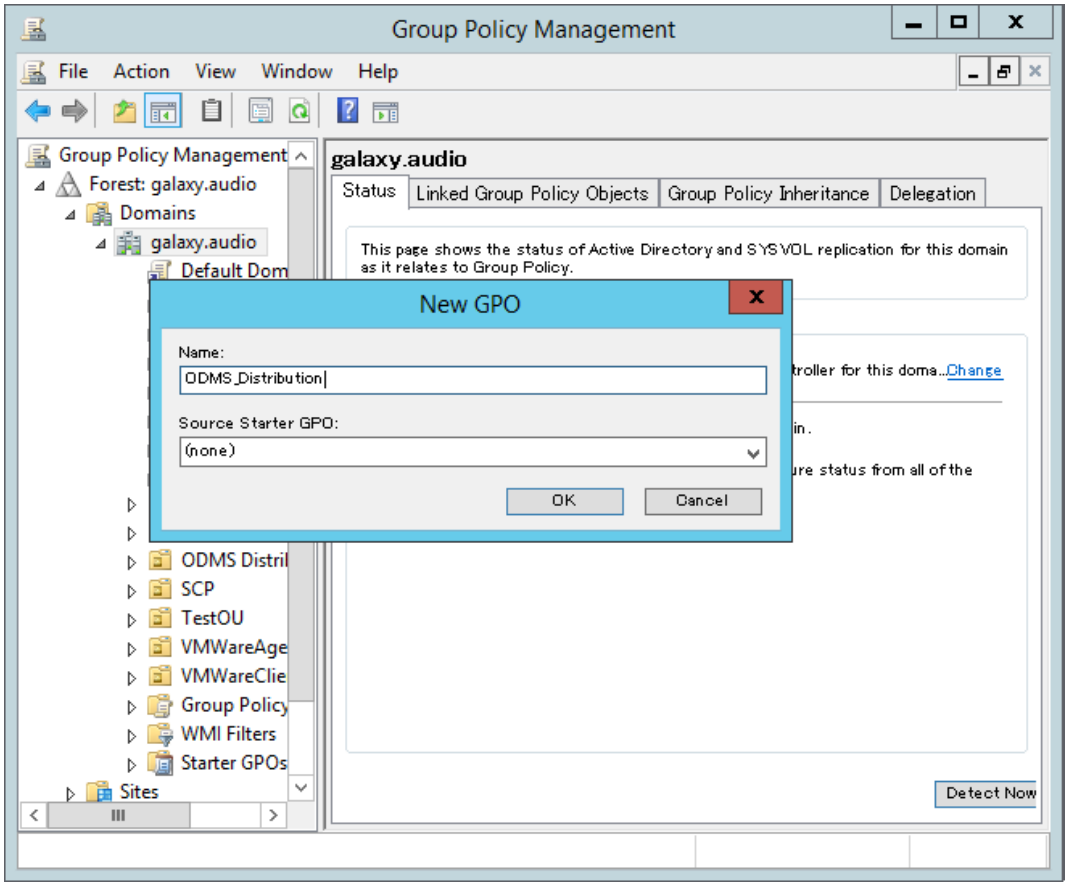
1. From the Windows Start menu on the server, select [All Programs] – [Administrative Tools] and then “Group Policy Management”.

→ This starts up Group Policy Management.

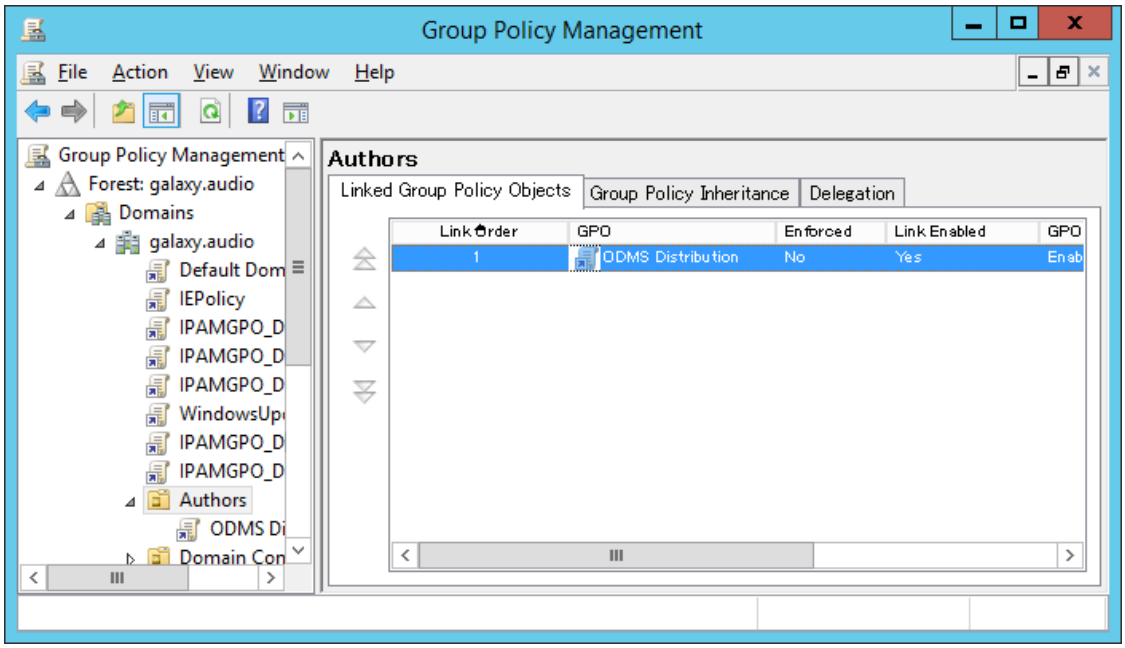
2. Select the group name (Authors) you created in previous section, and then click [Create a GPO in this domain, and Link it here] on the shortcut menu.

→ The New GPO dialog box will appear.

3. In the [Name] box, type in a group policy name, and then click the [OK] button.



4. Return to the Group Policy Management screen, and then select the group name (Authors) you added in previous section. In the right pane, check that the group policy you added in step 3 has been added to the list.

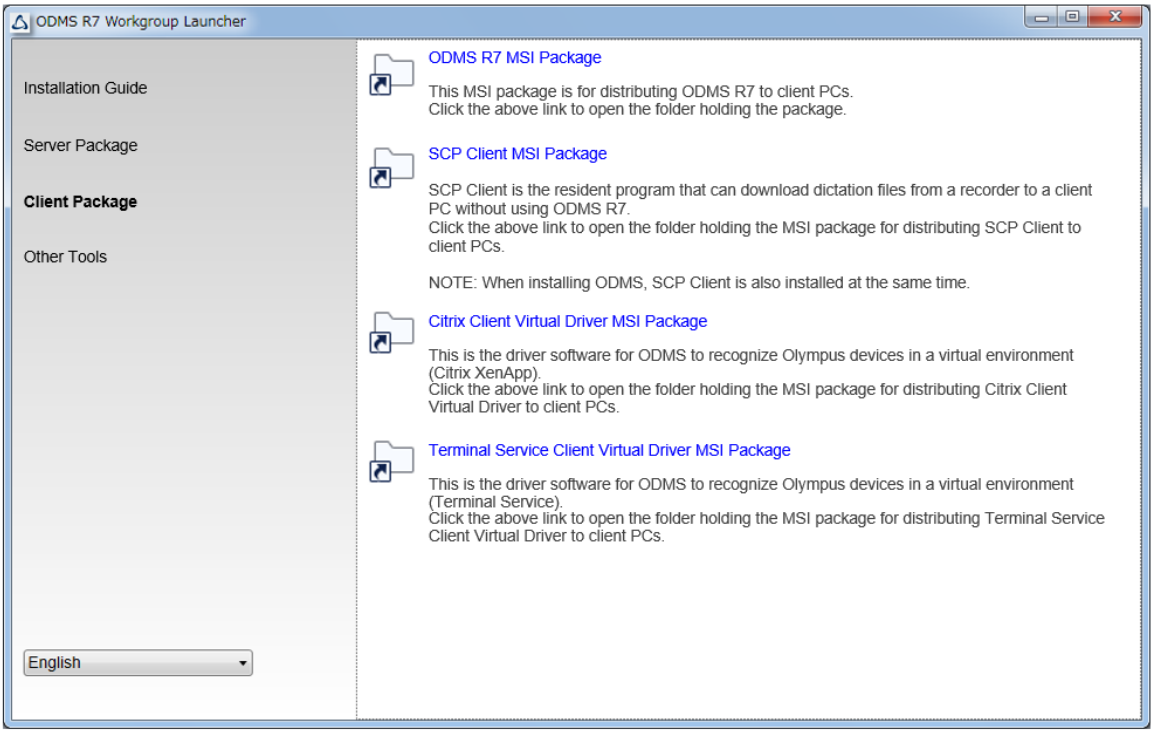


7.2.3 Deployment for MSI package with MST file

In the previous section, you registered the "Authors" organization (OU) for distributing the software, and associated the PCs to which to distribute with "Authors." In addition, you registered the "ODMS_Distribution" GPO to "Authors." This section explains the procedure to register an msi package by editing the "ODMS Distribution" GPO. Please note that distribution using this method is not possible for SCP Client because an MST file cannot be created. Furthermore, distribution using this method for a patch is also not possible because it is not an msi package.

■ Procedure

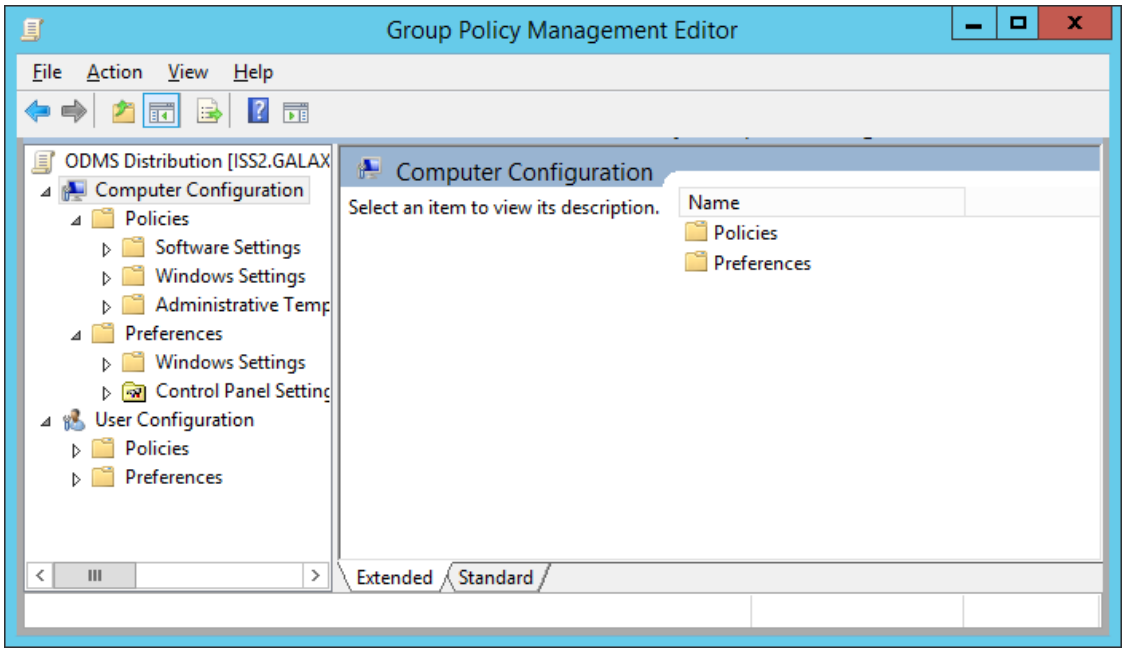
1. Copy the msi package of the client application or execution module of the patch to the shared folder. In the case of a client application, if you start the launcher and click **Client Package** in the left menu, the link of the client application will be displayed in the right pane. Click the link of the application to be distributed to display the folder of the msi package, and then copy the msi package to the shared folder.



2. First, configure the distribution settings for Microsoft .NET Framework (4.6 or higher).

Locate the .NET Framework msi in a shared folder that can be referenced by the user being installed. Next, right-click the Group Policy name added in previous section, and then select Edit on the shortcut menu.

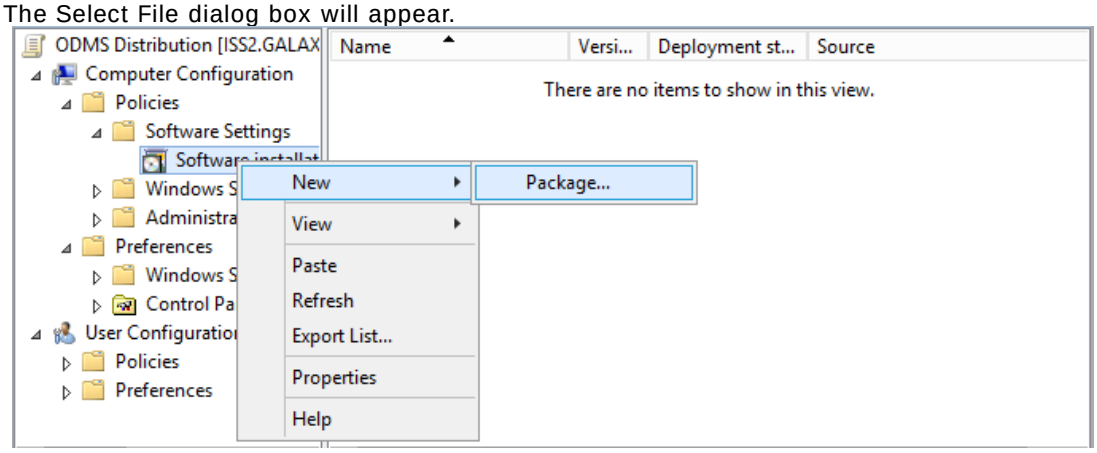
➔ This starts up the Group Policy Management Editor.



⚠	Install .NET Framework (4.6 or higher) before installing public applications.

3. Click [Computer Configuration] - [Policies] and then right-click [Software Settings]. On the context menu, click [New] - [Package].

➔ The Select File dialog box will appear.

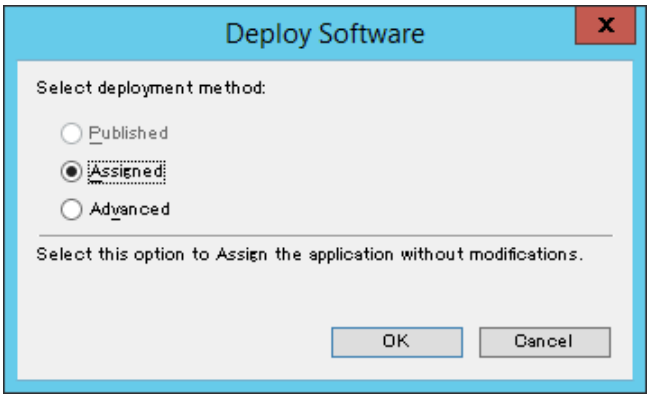


4. Select the MSI file of the published update program, and then click [Open].

Specify the appropriate MSI file depending on the System Type of the PC environment.

Platform	Required MSI files
x86	netfx_Core_x86.msi netfx_Extended_x86.msi
x64	netfx_Core_x64.msi netfx_Extended_x64.msi

➔ The Deploy Software dialog box will appear.



5. Select [Assigned], and then click [OK].

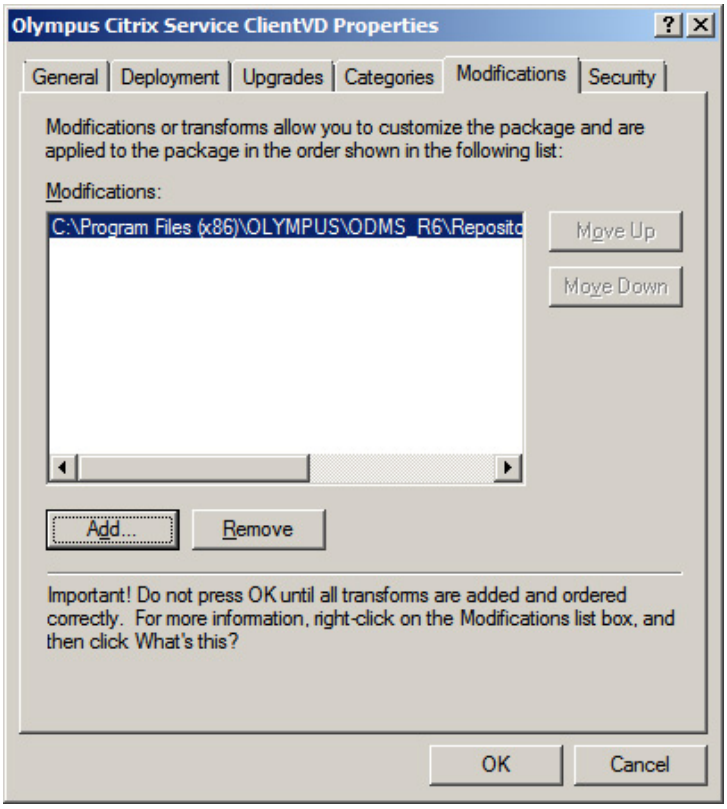
➔ The procedure to register .NET Framework MSI files on the group policy's published application list is finished at this point. Next, the Dictation Module/Transcription Module MSI files are registered.

6. Locate the MSI files of the Dictation Module and the other application being published in a location that can be accessed from the PC being published to. After that, perform steps 2 and 3 to specify the MSI files to be published.

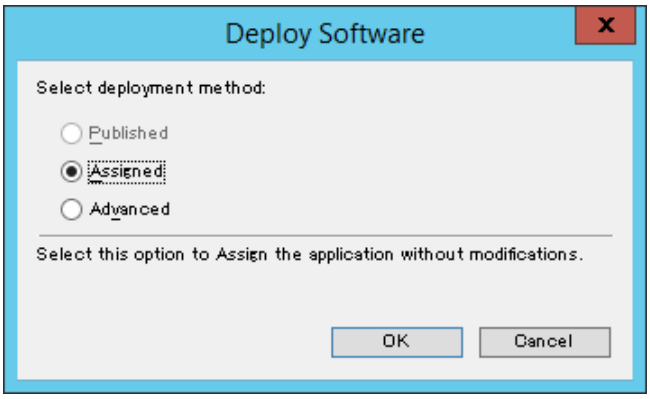
	The path to msi/exe should be specified as a network path. For example, if msi is stored in the shared folder “ODMS” of the server PC (¥¥OLY1), specify as “¥¥OLY1¥ODMS¥...¥ODMSClient.msi.” When msi is stored on the local disk on the server and the specified path is something like “C:¥...¥ODMSClient.msi”, installation may fail.

7. You can specify MST files as required.

If you want to install a workgroup system with MST, select [Advanced] in the Deploy Software dialog box.
The Property dialog box will appear.
Select the Modifications tab, then click [Add] and specify an MST file in which the install settings are saved.

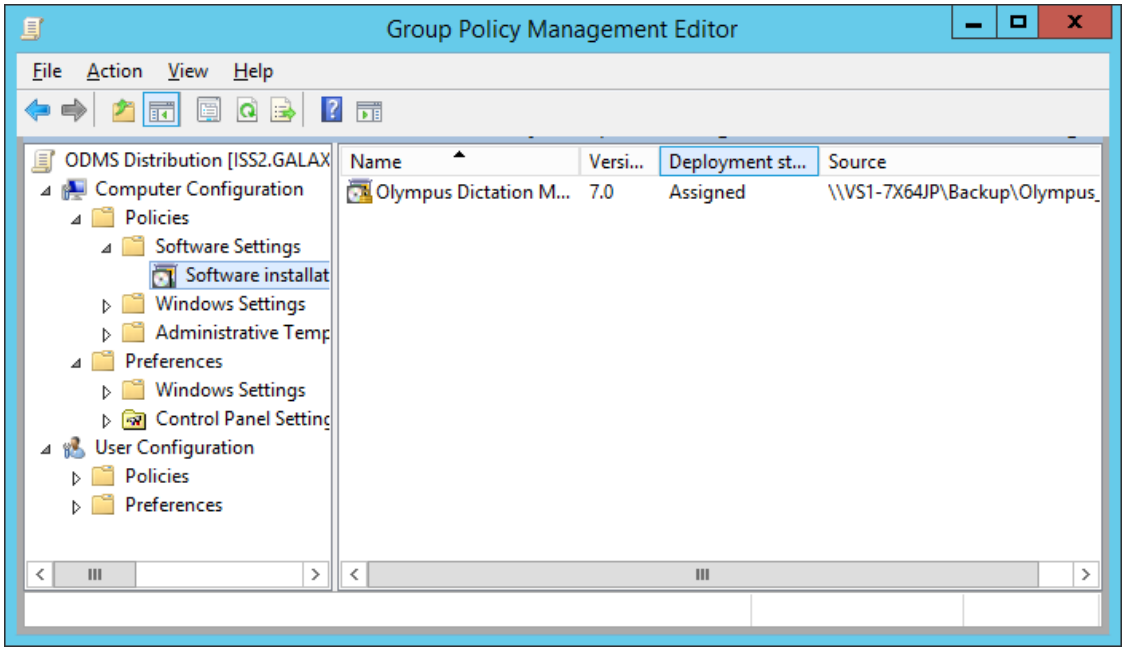


In cases other than those described above, select [Assigned] in the Deploy Software dialog box.



- MST files that correspond to the MSI of the Dictation Module and Transcription Module can be created with the MST File Generator.
- MST files that correspond to the MSI of SCP Client cannot be created.

8. Click [OK].



	An MST file cannot be added or deleted anywhere other than in the Property dialog box described here. If you forget to register the files, delete the group policy created in step 3, and try again by performing the steps of this procedure.

9. This completes file registration.

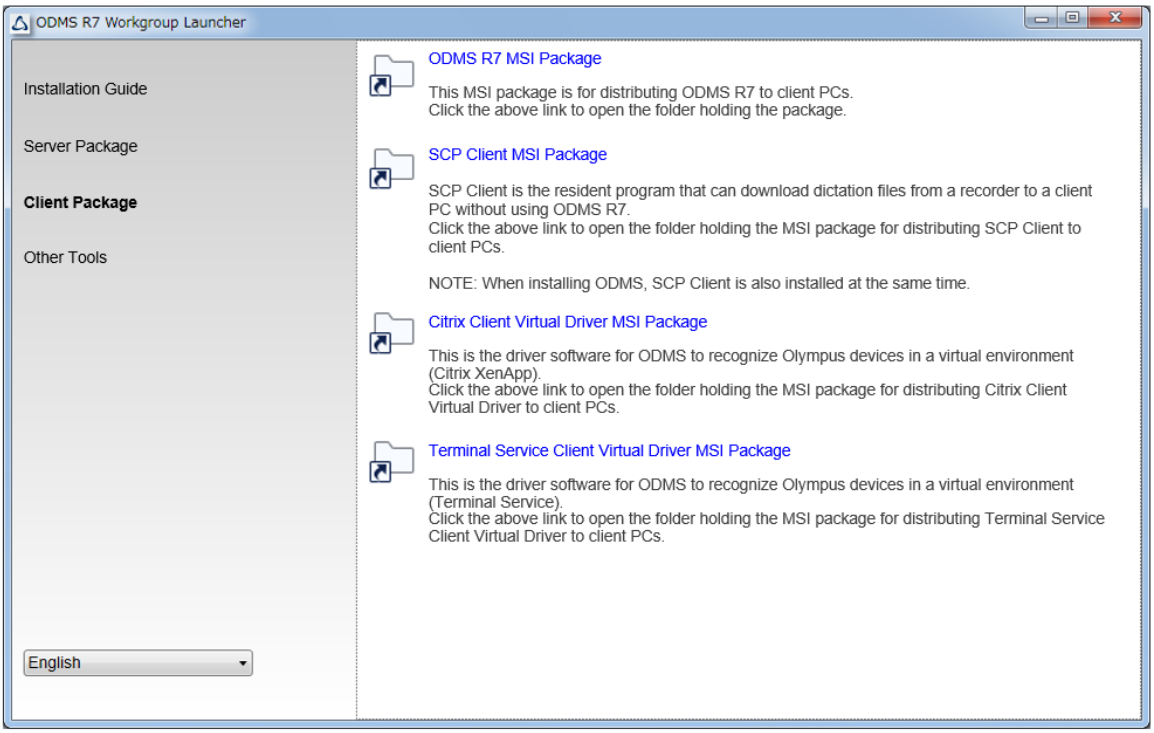
Files are registered. First .NET Framework and then Dictation Module/Transcription Module will be installed automatically to the specified client PCs on the next boot-up based on the group policy settings.

7.2.4 Deployment Using Startup script

This section explains the procedure to distribute using a startup script in Group Policy Management Editor by editing the registered GPO in the same way as the previous section.

■ Procedure

1. Copy the msi package of the client application or execution module of the patch to the shared folder. In the case of a client application, if you start the launcher and click **Client Package** in the left menu, the link of the client application will be displayed in the right pane. Click the link of the application to be distributed to display the folder of the msi package, and then copy the msi package to the shared folder.



2. Next, create the script (batch file) for distributing the client application. The following shows an example of a batch file for installing ODMS silently. Specify the MST file created in Preparation before deployment section, and set an installation log to be output to the c:¥log folder.

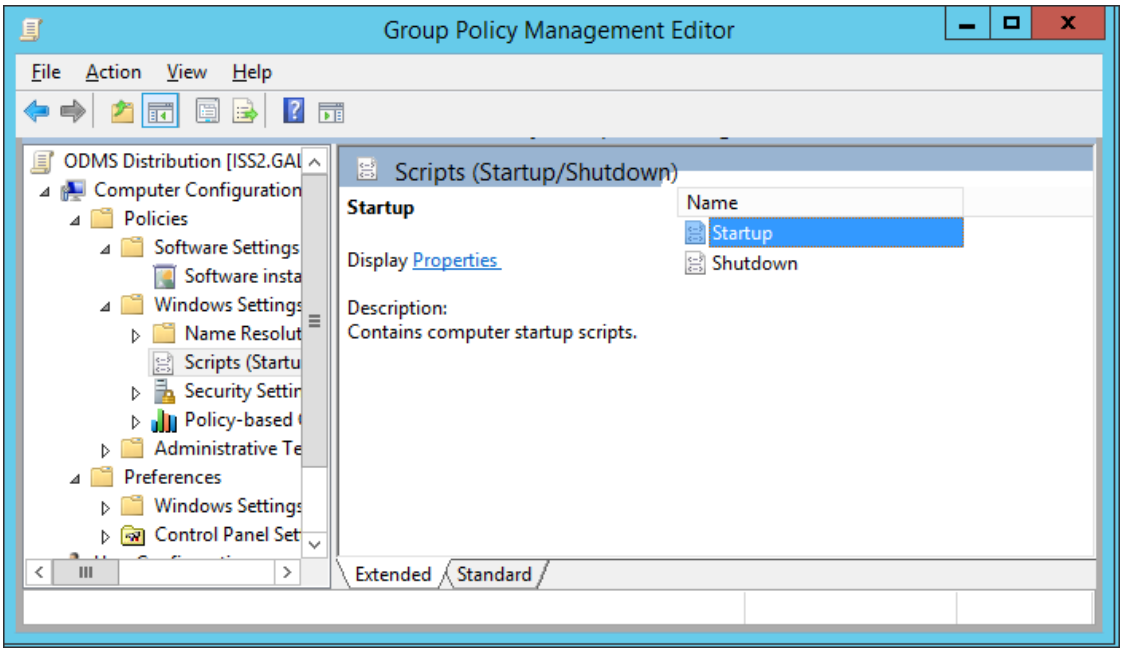
```
msiexec.exe /i "¥¥Server¥ODMS_R7¥package¥ODMSClient.msi”
/qn TRANSFORMS="¥¥Server¥ODMS_R7 ¥ODMSR7.mst" /l “c:¥log¥install_log.txt”
```

Furthermore, the following example is an example for distributing a patch of ODMS R7 silently.

```
"¥¥server¥¥R7patch¥R7Patch001.EXE" /q:a /c:"PatchInstaller /q /i"
```

3. Next, right-click the Group Policy name “ODMS Distribution” added in previous section, and then select **Edit** on the shortcut menu.

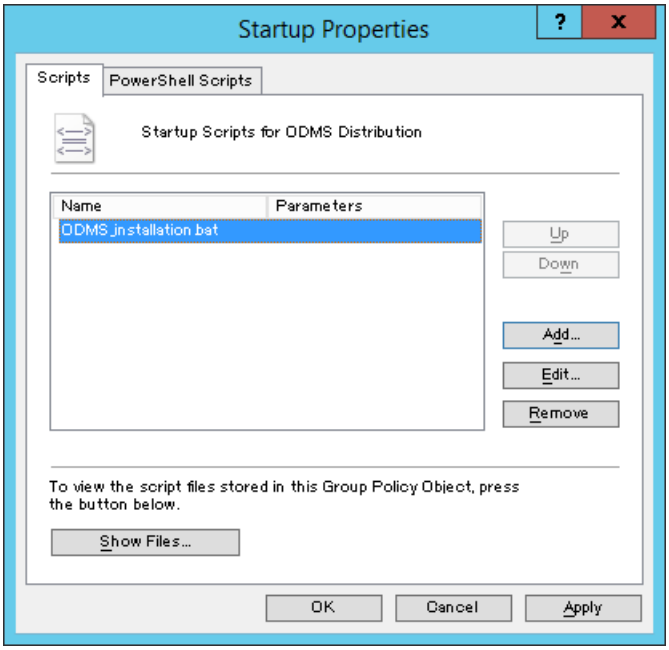
4. Select [ODMS Distribution]-[Computer Configuration]-[Policies]-[Windows Settings]-[Scripts]



➔ The startup properties appear.

	Selecting Startup or Shutdown When the user starts up the PC, it will take a while until the PC is up and running because the installation operation will begin before login. The installation process can also be executed when the PC shuts down by registering the script to run at shutdown.

5. Select Startup (or Shutdown) and double-click it to open the properties. Click the [Add] button and then specify the created script file.



➔ Click the [OK] button to complete the registration.

6. To enable the registered group policy, click "Authors" in "Group Policy Management" and select "Group Policy Update" from the context menu.

➔ The settings are now finished.

After the update is completed, the policy will be applied when each user starts up their PC, and the software will be distributed automatically.

	Checking the Windows installer log In the event that the installation fails for a user, the Windows installer log is saved at c:¥install_log.txt on the corresponding local PC so you can check the log to analyze what went wrong.

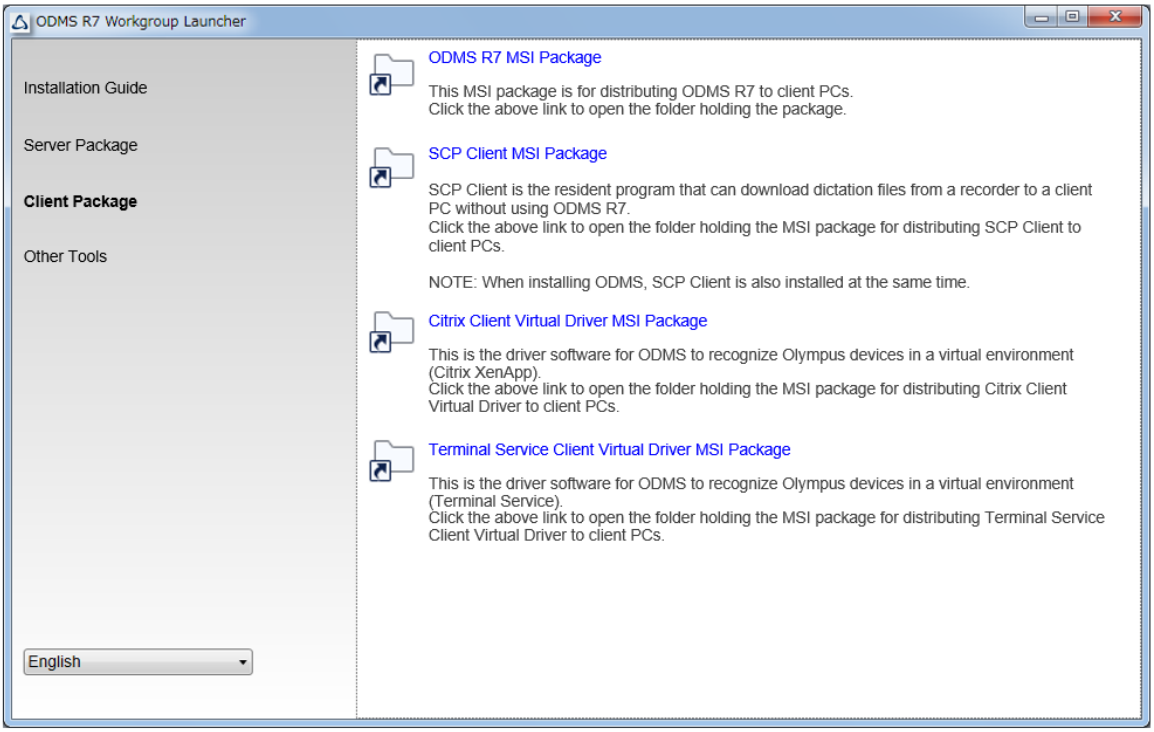
7.3 · Batch file execution by user

This section describes the method to install by the administrator placing a client package in a shared folder and getting each user execute it.

⚠	Each user must have administrator privileges to execute the installer.

■ Procedure

1. Copy the msi package of the client application or execution module of the patch to the shared folder. In the case of a client application, if you start the launcher and click **Client Package** in the left menu, the link of the client application will be displayed in the right pane. Click the link of the application to be distributed to display the folder of the msi package, and then copy the msi package to the shared folder.

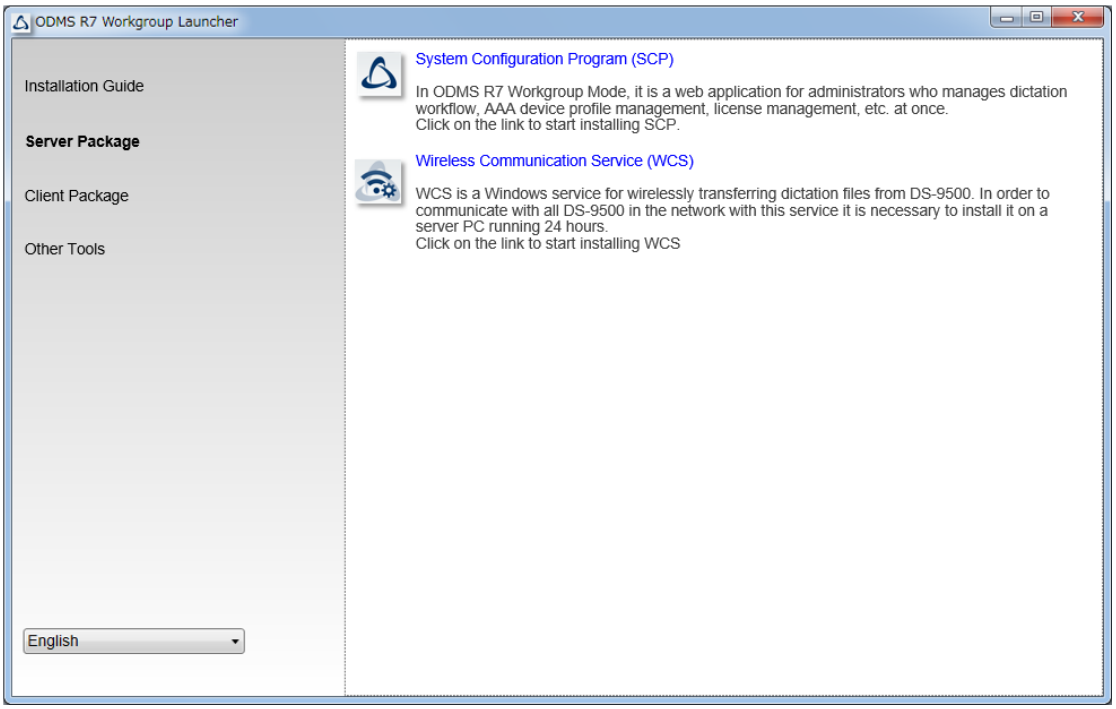


2. Create a batch file and copy it to the same location as the msi package or patch. The following shows an example of a batch file for installing ODMS silently. Specify the MST file created in Preparation before deployment section, and set an installation log to be output to the c:¥log folder.

```
msiexec.exe /i "¥¥Server¥ODMS_R7¥package¥ODMSClient.msi”
/qn TRANSFORMS="¥¥Server¥ODMS_R7 ¥ODMSR7.mst" /l “c:¥log¥install_log.txt”
```

Checking the Windows installer log
In the event that the installation fails for a user, the Windows installer log is saved at c:¥log¥install_log.txt on the corresponding local PC so you can check the log to analyze what went wrong.

3. Notify the user of the path of the created shared folder and batch file.
The settings are now finished. When each user executes the specified batch file, the command prompt starts and the client application is installed.



8 Upgrade to ODMS R7 from ODMS R5/R6

The upgrade from ODMS R5/R6 to ODMS R7 would be automatically performed when ODMS R7 Dictation/Transcription Modules are distributed by the distribution method described in the section of Client application deployment. The following explains the upgrade procedure.

■ Procedure

1. Purchase an ODMS R7 Volume license.

	For details about the license types, refer to the following. ・License

2. Install ODMS R7 SCP and register the groups and users.

	For details on how to install SCP, refer to the following. ・Installing System Configuration Program
	For the registration of groups and users, refer to the help displayed from the [?] button of SCP.
	When upgrading to ODMS R7, do not assign the role of ODMS R7 to the users. If it is assigned, the user profiles of the previous version will become unable to be inherited. Even if the role is not assigned, it will be assigned automatically when the users start ODMS.

3. Distribute ODMS R7 Dictation Module and Transcription Module.

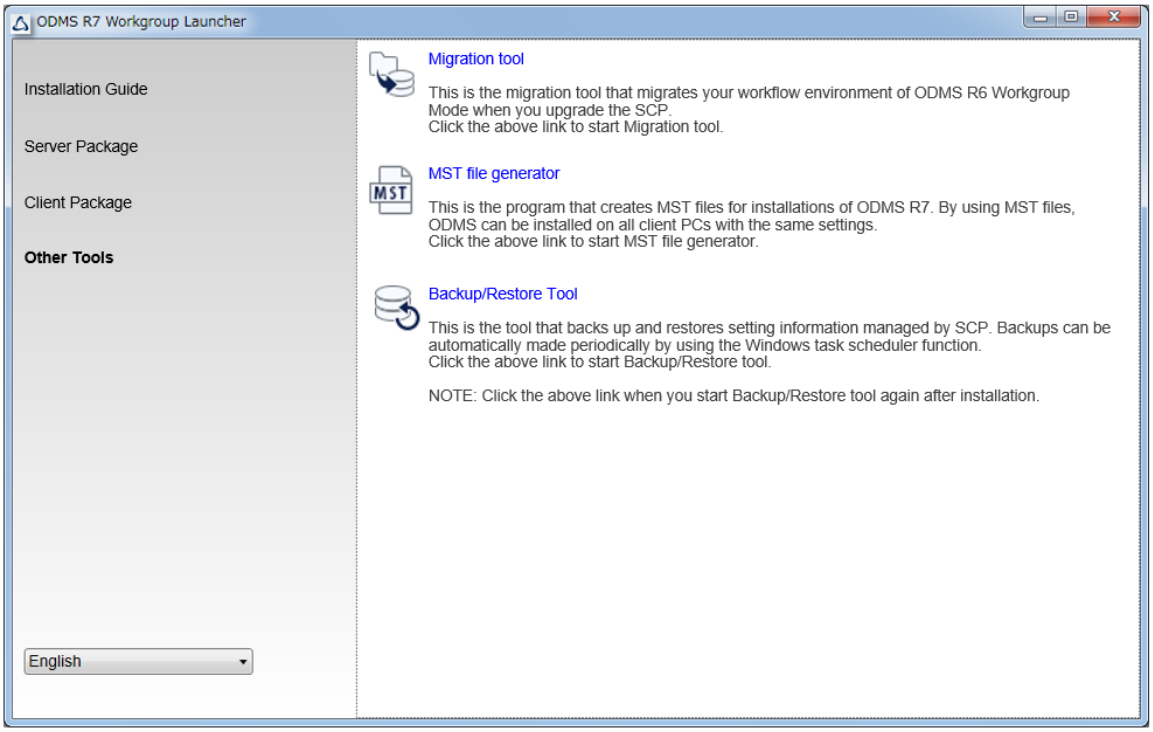
	For details on distributing Dictation/Transcription Module, refer to the following. ・Client application deployment
	When distribution finishes, ODMS is updated to R7. When a user starts Dictation/Transcription Module, the ODMS user profile that is located locally is converted and then software starts. When Dictation/Transcription Module is exited, the user profile is saved to the database of SCP.

9 Backup/Restore Tool installation

ODMS R7 SCP uses a database so we strongly recommend taking backups of the database in case trouble occurs. This section explains the installation procedure of Backup/Restore Tool.

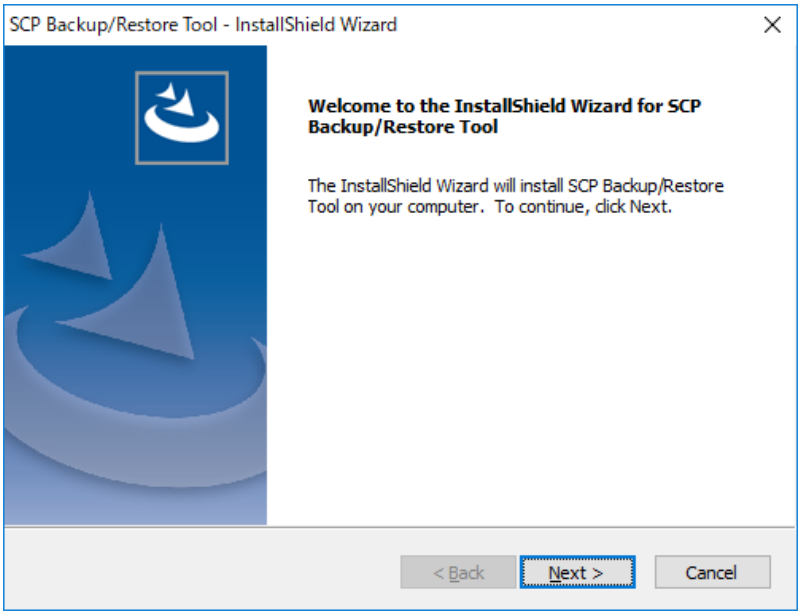
■ Procedure

1. Start the launcher, click **Other tool** in the left menu, and click **Backup/Restore Tool** in the right pane.

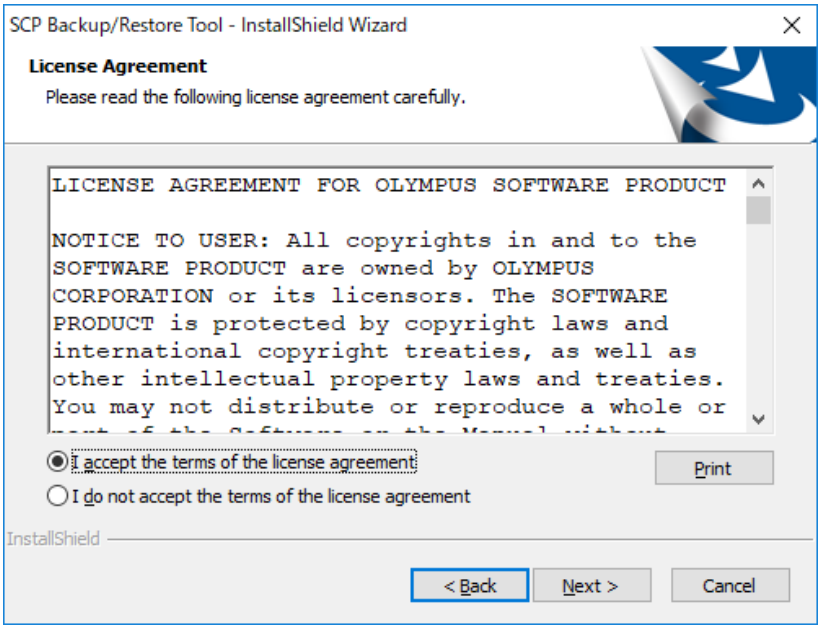


⚠	Backup/Restore Tool must always be installed on the same PC as SCP is installed. Therefore, run the launcher on the PC that SCP is installed.

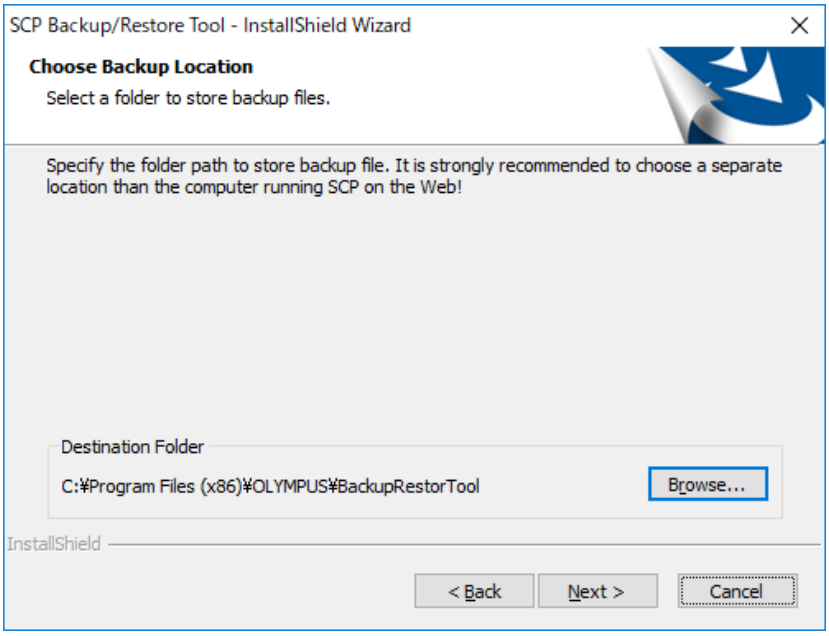
2. The installation wizard of **Backup / Restore Tool** starts. Click the [Next] button.



3. Agree to the license by selecting **I accept the terms of the license agreement** and then click the [Next] button.

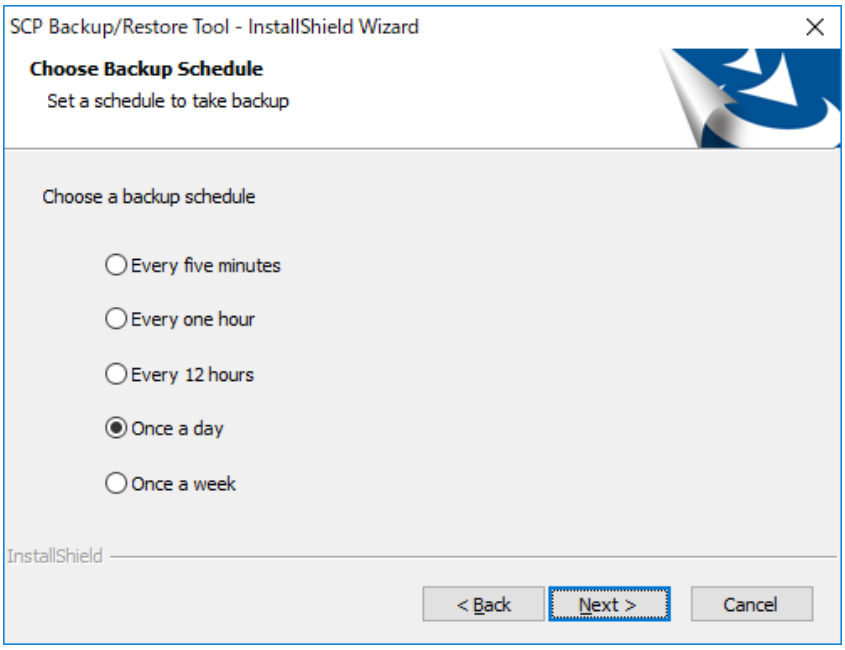


4. Next, specify the folder to output the backup file. For the backup folder, we recommend specifying a folder on a separate PC from the one SCP is installed.

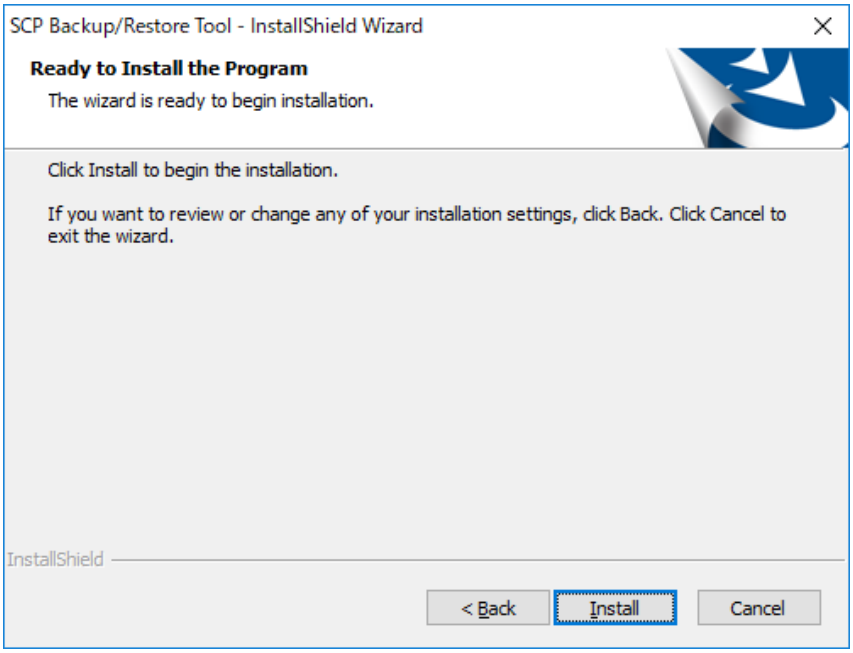


5. Select the backup schedule. The default is once a day.

	The shorter the backup schedule that is set, the more data that can be restored from the point in time of the trouble occurrence. However, only use "Every five minutes" on a PC with sufficient performance because this setting will place a load on the server.

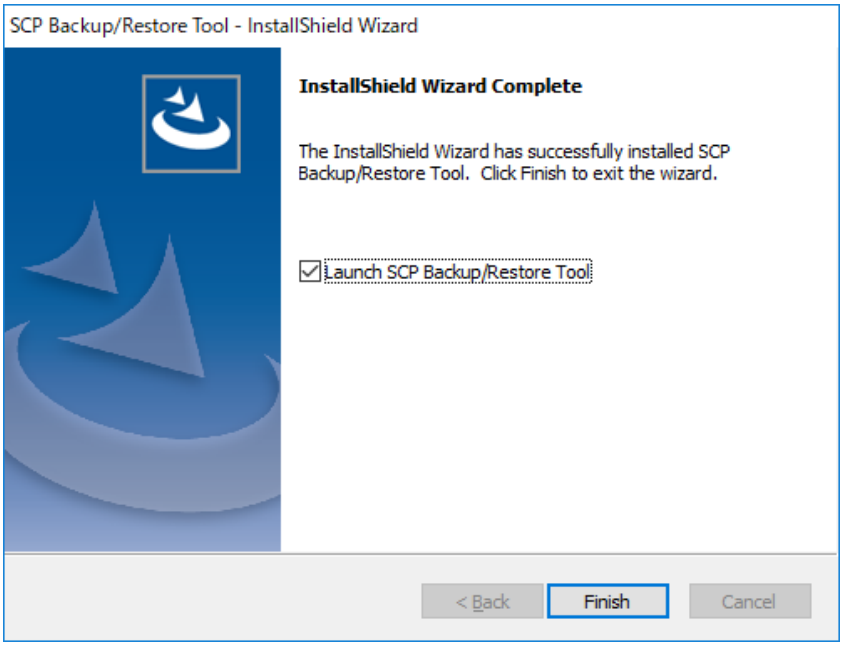


6. Click the [Install] button to start the installation.



7. When the installation completes, click the [Finish] button to start Backup/Restore Tool.

	After you install Backup/Restore Tool, you can start it by clicking the Backup/Restore tool link in the launcher.



10 Reference Information

This section provides reference information.

10.1 How to Use Installation Options

Any one of the following methods can be used to configure installation option settings when installing the software.

Location	Description
Command line	msiexec /I <full path of msi> SYSTEM=WORKGROUP... By adding options, the application can be installed at the command prompt.
Setup.ini	When installing using Setup.exe, options added in the Start-up section in Setup.ini will be reflected automatically. Example: [Startup] SYSTEM=WORKGROUP :

10.1.1 ODMSClient.msi Workgroup Installation Options

The table below shows the installation options of Dictation Module/Transcription Module.

Installation options are described as Option = Value.

Option	Value	Default value	Description
SYSTEM	WORKGROUP	STANDALONE	Specify the system to be installed
USER	User name (string)	User name of PC	Specifies the user name of the user.
COMPANYNAME	Company name (string)	Company name of PC	Specifies the company name of the user.
SCP_DEST	(String)	-	Specifies the license file name. The file name can be set to anything you like, but place the file in the same folder as ODMSClient.msi before you specify it.
MODULE	{DM | TM | ALL}		Specifies the module to be installed. Specify one of the following. DM|TM|ALL
DEST	Installation destination (string)	%PROGRAMFILES(X86)%¥Olympus¥ODMS_R7¥DM_TM	Specifies the installation destination. In the case of a 32-bit platform, specify %PROGRAMFILES%¥Olympus¥ODMS_R7¥DM_TM.
SETTING	{ INDIVIDUAL | ALLUSER }	INDIVIDUAL	Specifies whether environment settings or audio files are stored for each log-in user or stored as shared files.

10.1.2 SCP Client.msi Workgroup Installation Options

The table below shows the installation options of SCP Client.

Installation options are described as Option = Value.

Option	Value	Default value	Description
SYSTEM	WORKGROUP	WORKGROUP	Specifies the system to be installed Specify WORKGROUP for this.
USER	User name (string)	User name of PC	Specifies the user name of the user.
LANGUAGE	Language	ENU	Specifies the language. Set one of the following values. ENU|DEU|FRA|ESP|SVE|CSY|RUS
COMPANYNAME	Company name (string)	Company name of PC	Specifies the company name of the user.
SCP_DEST	Installation destination (string)	%PROGRAMFILES(X86)%¥Olympus¥SCP Client	Specifies the installation destination. In the case of a 32-bit platform, specify %PROGRAMFILES%¥Olympus¥SCP Client.
SCP_SERVER	Server address (string)	-	Specifies the URL of SCP Server. Example) Http://(server name)

11 Support Contacts

Inquiries Regarding Purchase of License Keys

To purchase the ODMS R7 Volume License, please contact your dealer or distributor.

Inquiries Regarding Malfunctions

When making an inquiry, please let us know the following information and a detailed description of the problem.

- Type of PC (manufacturer and model name)
- Memory capacity
- Hard disk space
- OS and version
- Connected peripheral devices

For assistance in solving a problem such as a malfunction, please contact your dealer or distributor.

Other Support

Various types of information, including product specifications, PC connections, support for operating systems, and FAQs, are available on our Web site. For the latest information, please visit the Olympus Web site at http://www.olympus-global.com/en/global/.

	The information provided may be subject to change without notice.