Installation guide

For v15 of:

Nuance®
Dragon® Professional
Individual

Nuance®
Dragon® Legal
Individual

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Contents

Contents

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Chapter 1: Preparing to Install Dragon

Checklist—Planning the client installation

Use this checklist to help you prepare for client installations.

	Task	Reference
☐	Perform an initial installation of the Dragon client.	"Installing Dragon" on page 16
☐	Set up the configuration files as needed, then copy them to a directory you can access from other computers.	"Natspeak.exe Command Line Options" on page 20
☐	Install the Dragon client on users' machines using one of the following methods: • Manual install from a DVD. • Push install with an MSI.	• "Installing the same Dragon configuration on multiple computers" on page 26 • "Command Line installation with msiexec.exe" on page 28

Preparing for an installation

Before installing, modifying, or upgrading Dragon Professional Individual:

- Install any pending Windows updates, and then restart the computer.
- Turn off or disable any antivirus software until installation is complete. Installation can sometimes trigger a false virus report.
- Close all open applications.
- Read "Checklist—Planning the client installation" on page 8.
- Be sure your system meets the requirements before attempting to install Dragon Professional Individual.

  For more information, see "Dragon system requirements" on page 11.

For upgrade instructions, see the Dragon client Help at:

http://www.nuance.com/products/help/dragon15/dragon-for-pc/enx/professionalindividual/Content/ReleaseNotes/DG_relnotes.htm#UpgradeInstructions

Installation considerations

- Administrator rights are not required to create a user profile or use the software after installation.
- If you want to create a Dragon profile for a Windows limited user (an account with restricted privileges), you must log on to Windows using that limited user account, then create the Dragon profile. If, while logged in as Administrator, you create a Dragon profile for a Windows limited user, the limited user will not be able to access that Dragon profile.
- You are permitted to create multiple profiles, so long as each profile is for one person. If someone else wants to create or use another profile, that person must purchase a separate license for Dragon Professional Individual. Volume license agreements are available.

Language considerations

The Dragon setup.exe uses your computer's operating system language to determine the language in which to display text in the installation wizard. For example, if your operating system is Spanish, the installation wizard user interface appears in Spanish. However, if you choose to install using the .MSI file instead, that file uses the language of your Dragon edition. To override this and allow the .MSI file to use the language of your preference, execute the following from the command line:

```
cd <path where setup.exe and .MSI exist>

msiexec /i "path to .MSI" TRANSFORMS=<path to .MST>
```

For example, to allow the .MSI to use a French user interface:

```
msiexec /i "Dragon 15.msi" TRANSFORMS=1036.mst
```

Use the following table for .MST file names.

Language	File Name
English	1033.mst
German	1031.mst

Language	File Name
French	1036.mst
Italian	1040.mst
Spanish	1034.mst
Dutch	1043.mst

Storage space considerations

Each Dragon user must have his or her own user profile. This is a set of files in which Dragon stores information about each user's voice, frequently-used words and phrases, optional settings, and custom commands (if applicable). Each computer on which Dragon is installed must have enough free space for the required user profile(s).

Dragon system requirements

During the installation process, the software checks that your system meets the following requirements. If they are not met, Dragon Professional Individual is not installed.

RAM	Minimum: ● 4 GB for all operating systems.
CPU	Minimum: 2.2 GHz Intel® dual core or equivalent AMD processor. Faster processors yield faster performance.
Free hard disk space	● 4GB if DVD installation, or ● 12GB if downloading installation files
Supported operating systems	● Windows 7, 8.1, and 10, 32-bit and 64-bit ● Windows Server 2008 R2 ● Windows Server 2012
Other	● Internet Explorer 11 or the current version of Chrome, Firefox, or Edge for online Help and installation if installing from the Web ● Microsoft .NET Framework version 4.5.2 or later Generally, the .NET Framework is pre-installed on Windows 7, 8.1, and 10 computers. If you do not have it installed, you are prompted to install it during Dragon's installation. ● A DVD-ROM drive if installing from disk ● An audio input device capable of 16-bit recording for dictation For a list of recommended devices, see http://support.nuance.com/compatibility/.

Dragon file structure

During installation, Dragon creates the following default folders for application and data file storage.

> **Note**: Upgrading Dragon from an earlier version automatically relocates some directories and files.

Windows 7, Windows 8.1, and Windows 10

Dragon setup log (dgnsetup.log)

C:\ProgramData\Nuance\NaturallySpeaking15\logs

Dragon log

C:\ProgramData\Nuance\NaturallySpeaking15\logs\<Windows_User_Name>

User Profiles

C:\ProgramData\Nuance\NaturallySpeaking15\Users

Upgrade log

C:\Users\<Windows_User_Name>\AppData\Roaming\Nuance\NaturallySpeaking15

Vocabularies and Acoustic Models

C:\ProgramData\Nuance\NaturallySpeaking15\Data

Custom words and commands

C:\ProgramData\Nuance\NaturallySpeaking15\custom\<Language>\

Program files

For 32-bit systems	For 64-bit systems
C:\Program Files\ Nuance\Nat-urallySpeaking15\Program	C:\Program Files (x86)\ Nuance\Nat-urallySpeaking15\Program

Help

For 32-bit systems	For 64-bit systems
C:\Program Files\ Nuance\Nat-urallySpeaking15\Help	C:\Program Files (x86)\ Nuance\Nat-urallySpeaking15\Help

Interactive Tutorial

For 32-bit systems	For 64-bit systems
C:\Program Files\ Nuance\Nat-urallySpeaking15\itutorial	C:\Program Files (x86)\ Nuance\Nat-urallySpeaking15\itutorial

Accessing program files

The Dragon client and many associated utilities can be accessed through the **Start** menu. Their location varies by operating system:

- Windows 7: Select **Start** > **All Programs** > **Dragon**.

  - Some utilities are located inside the **Dragon Tools** subfolder.

- Windows 8.1: From the **Start** screen, click the down arrow to show all applications. Scroll to find **Dragon**.

- Windows 10: Select **Start** > **All apps** > **Dragon**.

Chapter 2: Initial Installation of Dragon Professional Individual

Install Dragon and choose the default settings

Run through an initial installation before attempting to install Dragon from a server. Use the initial client installation to set default values for Administrative and Auto-Formatting options. You can then install Dragon Professional Individual on other computers using the same options.

> **Note**: You must have Windows administrator privileges to change Administrative settings.

Installing Dragon

Notes:

- You must have Windows Administrator rights to install or uninstall Dragon Professional Individual.

- The installation process does not present the QuickStart option. To enable this option, you can do so only after Dragon is installed.

- If you have more than one language, the installation process uses your operating system's language, if supported. If Dragon does not support your operating system language, the installer runs in English. You cannot install Dragon using a language other than the primary language. For example, if you install the German software on a French operating system, the installation interface is in French. If you install the German software on a Chinese operating system, the installation interface is in English.

Before you begin

- Install any pending Windows updates and restart the computer when you are finished.

- Close all open applications.

- Turn off or disable anti-virus software; the installation process can sometimes trigger a false virus report.

Installing Dragon on a single computer

1. Insert the product DVD. If the installation does not start automatically, run `setup.exe` from the DVD.

   The Dragon InstallShield Wizard opens.

2. Click **Next** to proceed to the **License Agreement** screen.
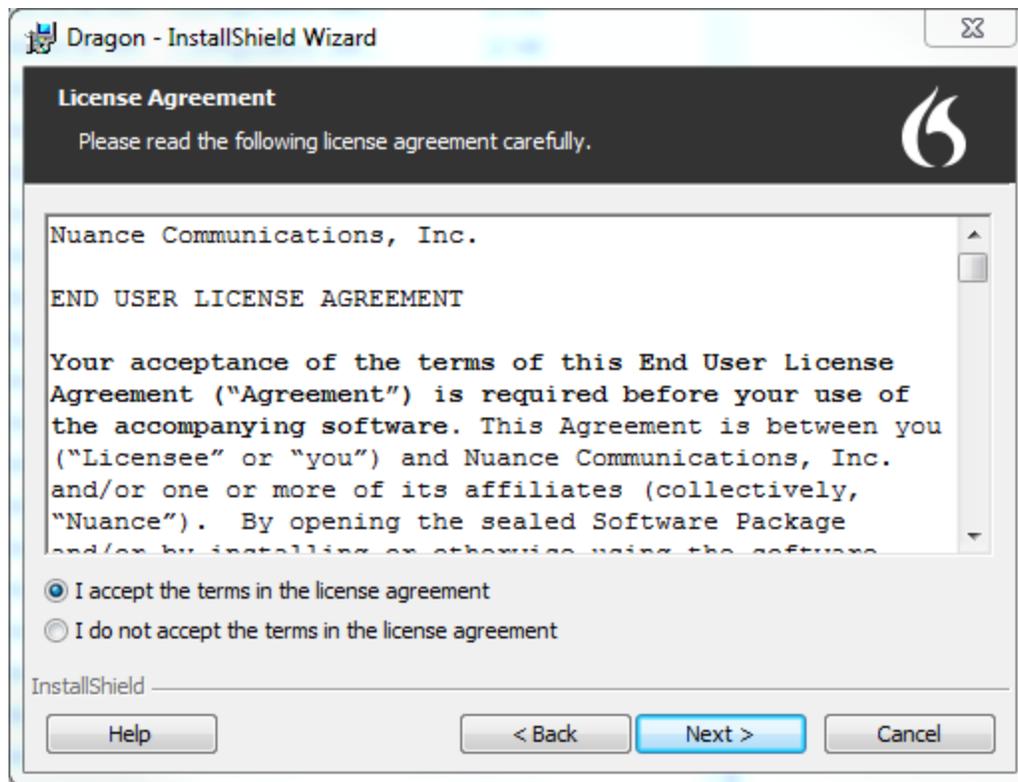
3. Read the text of the agreement, select **I accept…**, and then click **Next**.

    The **Customer Information** screen appears.
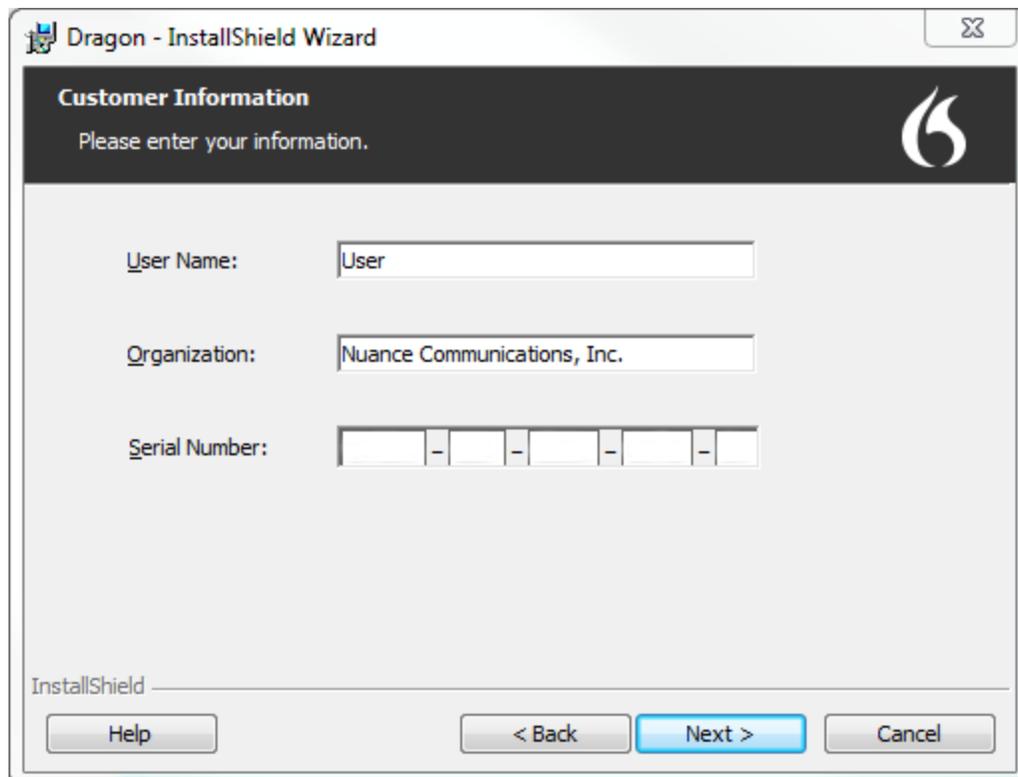
4. Enter your User Name, Organization, and the Serial Number supplied with your DVD or download of Dragon, and then click **Next**.

   The **Region Selection** screen appears.
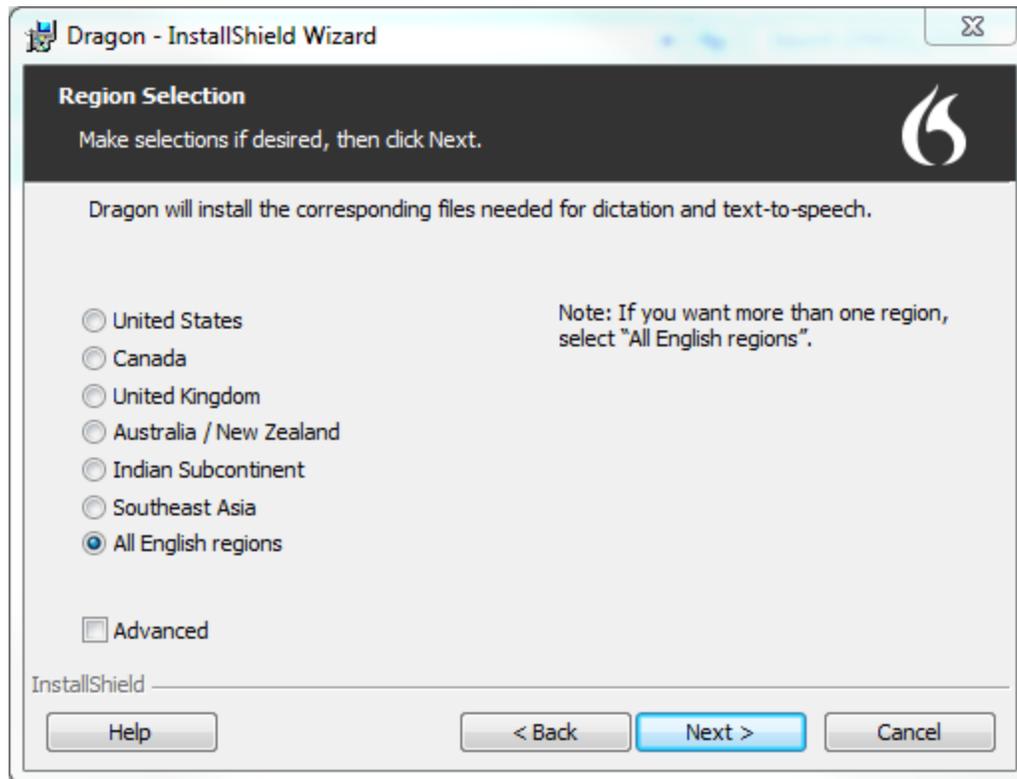
5. Select a region to install, or select **All English regions** to install more than one region.

   The region determines the accents and vocabularies available on this installation. Selecting a single region saves disk space, but users cannot create user profiles with an accent that is not included with the selected region.

6. **Optional**: To change the installation directory, select **Advanced**, then click **Next**.

   The **Advanced** screen appears.
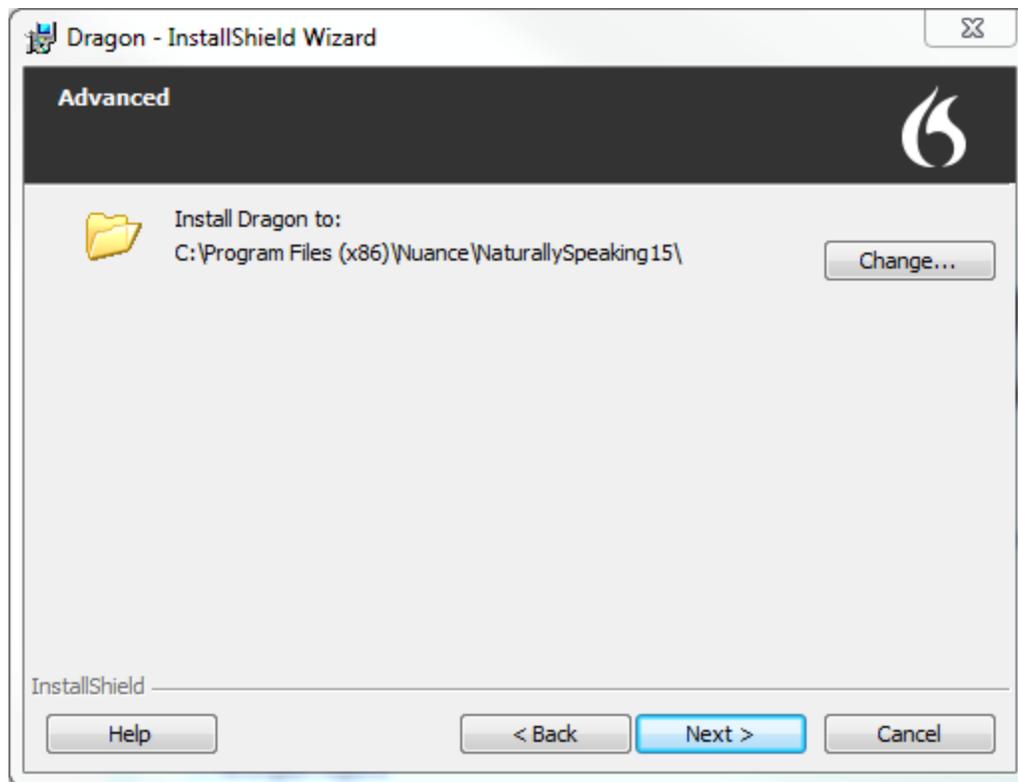
1. Click **Change…**

   A Browse For Folder dialog box opens.

2. Navigate to the folder where you want to install Dragon (or create a new folder by clicking the **Make New Folder** button) and then click **OK**.

Note: By default, Dragon is installed in:

```
C:\Program Files(x86)\Nuance\NaturallySpeaking15
```

7. Click **Next** to proceed to the **Ready to Install the Program** screen.

8. Click **Install**.

   The installation process begins. It may take several minutes to install Dragon Professional Individual. At times, the progress bar may not appear to be advancing, but the installation is still proceeding internally.

9. When installation of Dragon is complete, the installer displays the completion screen. Click **Finish**.

   The Product Registration window appears.

10. Choose whether to register Dragon online now or to have Dragon remind you to register in seven days, and then click **OK**. Registering the product provides faster access to Nuance Technical Support.

You can open Dragon using the desktop shortcut, or find Dragon in the Start menu:

- **Windows 7:** Select **Start** > **All Programs** > **Dragon**.
- **Windows 8.1:** From the **Start** screen, select the down arrow to show all applications, and then scroll to the right to view the Dragon applications.
- **Windows 10:** Select **Start** > **All apps** > **Dragon**.

Activating Dragon

The first time you start Dragon, you are prompted to activate your copy of Dragon. If you do not activate, Dragon stops working after you start it five times.

Natspeak.exe Command Line Options

To install the Dragon client on other computers with default settings, you must configure your initial installation using the natspeak.exe command line options. Dragon saves this configuration in the `nsdefaults.ini` file in:

```
C:\ProgramData\Nuance\NaturallySpeaking15
```

To create `nsdefaults.ini`, perform the following steps on the workstation where you created the initial installation of Dragon:

1. Close Dragon if it is running.

2. Open a Command Prompt window:

    - Windows 7: **Start** > **All Programs** > **Accessories** > **Command Prompt**

    - Windows 8.1: From the **Start** screen, click the down arrow to show all apps > scroll to **Windows System** > **Command Prompt**

    - Windows 10: **Start** > **All apps** > **Windows System** > **Command Prompt**

3. Switch to the program directory. The default is:

    ```
    C:\Program Files (x86)\Nuance\NaturallySpeaking15\Program
    ```

4. Enter the commands below to change the default configuration. All steps are optional; if you skip a step, your installation uses the default values for the associated options.

    For more information on the individual dialog boxes and their settings, see the Dragon Professional Individual help.

    - To open the Options dialog box, enter

        ```
        natspeak.exe /SetDefaultOptions
        ```

        In the dialog box, select the default options that should apply to all client installations, and then click **OK**.

    - To open the Auto-Formatting dialog box, enter

        ```
        natspeak.exe /SetDefaultFormattingOptions
        ```

        In the dialog box, select Auto-Formatting options to apply to all client installations, and then click **OK**.

    - To open the Administrative Settings dialog box, enter

        ```
        natspeak.exe /SetDefaultAdministrativeOptions
        ```

        In the dialog box, select settings to apply to all installations in the tabs, and then click **OK**.

5. The configuration you created running `natspeak.exe` is saved in `nsdefaults.ini`. By default, you can find these files here:

    ```
    C:\ProgramData\Nuance\NaturallySpeaking15
    ```

6. When you have located the `.ini` files, verify that your option settings have changed. Double-click the `nsdefaults.ini` file to open it in a text editor. You should see values defined for the

options you changed. For details on the settings created in `nsdefaults.ini`, see "Modifying Settings in nsdefaults.ini" on page 29.

7. Include the newly created `nsdefaults.ini` file in your MSI package to distribute the file to all workstations where Dragon is installed. For more information, see "Overview—Installing the Dragon client with initial settings" on page 24.

Other natspeak.exe options

Use these options from the command line:

Switch	Function
/Quick	Runs Dragon in QuickStart mode, a mode that starts Dragon without loading a user profile or any speech models on startup of your computer.
/SetAdministrativeOptions	Opens Administrative Options dialog box to change settings for the current installation. This switch does not affect `nsdefaults.ini`. Changes are saved for the local installation only.
/About	Shows the About dialog for the Dragon client.
/User <*user profile*>	Opens the specified user profile
/SaveandShutDown	Closes Dragon and saves user profile changes.
/ShutDown	Closes Dragon without saving user profile changes.
/Diagnose	Runs Dragon in diagnostic mode and exits. Information is saved to `Dragon.log`.
/FindAppData	Opens the AppData directory for the Dragon client.
/FindAppDataAllUsers	Opens the directory where the `.ini` files are stored.
/FindDragonLog	Opens the directory that contains `Dragon.log`.
/FindSetupLog	Opens the directory that contains the Dragon setup log (`dgnsetup.log`).
/FindUpgradeLog	Opens the directory that contains the upgrade log.
/Deactivate	Deactivates the license for the current Dragon client.
-rebuildmodels	Merges datapack files so that they can be used with Dragon. This process is performed automatically during product installation. You can repeat the process if, for example, you want to use a custom vocabulary.

Chapter 3: Installing the Dragon client with settings

Overview—Installing the Dragon client with initial settings

Use command line options to copy the settings you created in the initial Dragon installation to all your Dragon client installations.

Prerequisites

Before installing the Dragon clients:

- Have the Dragon serial number available.

- Install any pending Windows updates on clients and restart as needed.

- Copy any `.ini` files you want apply to your installation to a central location so you can access them later.

Installation methods

- `setup.exe`—see "Installing the same Dragon configuration on multiple computers" on page 26

- `Dragon 15.msi`—see "Command Line installation with msiexec.exe" on page 28

- `admininstall.bat`—see "Performing an administrative installation with a batch file" on page 27

> **Note**: If you chose **Enable Desktop Search Commands** on the Commands tab during the initial installation, you must also install Microsoft Search on the client computers before installing Dragon.

For information on MSI options used in all Command Line installations, see the Microsoft website: http://msdn.microsoft.com/en-us/library/aa367988(v=vs.85).aspx.

MSI options specific to Dragon client installations are available in "MSI properties for Dragon installations" on page 51.

Hints:

- The first time you run an installation from the command line, you should use the `/qf` option rather than `/qn`. This allows you to see prompts that help you determine any problems with the command line.

- If your path name is long or contains spaces, enclose it in quotation marks. Be sure to escape each quotation mark with a backslash: `\"`.

- To ensure that you receive messages about any errors that occur during the installation, pass `/L` and one or more sub-options, followed by a log file name. You can send the log file to Nuance Technical Support, should any issues arise.

Push installations

Dragon includes a native Windows Installer (MSI) that allows you to install across a network to multiple client computers. You can use `Dragon 15.msi` or `admininstall.bat` to perform a push installation.

Several servers support this type of network installation:

- Windows Server 2008 R2 and 2012 x64

- System Management Server (SMS)

- Active Directory

Dragon supports the Active Directory Assign to Computers installation option.

Installing the same Dragon configuration on multiple computers

Use the following procedure to install with `setup.exe` in the command line from a single client machine.

> **Note**: When you are using the `setup.exe` method, you must ensure that all flags and properties are within the same set of quotes, directly after `/v`, without a space.

1. Open a Command Prompt:

   - Windows 7: **Start** > **All Programs** > **Accessories** > **Command Prompt**

   - Windows 8.1: From the **Start** screen, click the down arrow to show all apps > scroll to **Windows System** > **Command Prompt**

   - Windows 10: **Start** > **All apps** > **Windows System** > **Command Prompt**

2. Insert the installation DVD and search for the directory where `setup.exe` is located.

3. In the Command Prompt window, switch to the `setup.exe` directory.

4. To install the configuration you created during the initial installation, enter the following, substituting your information as needed:

```
setup.exe /s /v"SERIALNUMBER=<SerialNumber>
INSTALLDIR=\"C:\Program Files (x86)\Nuance\NaturallySpeaking15\"
DEFAULTSINI=\"C:\<full_path>\nsdefaults.ini\"
/L*v C:\Logs\logfile.log"
```

Performing an administrative installation with a batch file

A simple way to install Dragon from the command line is to perform an administrative installation using a `.bat` file. A script for performing a full administrative installation is provided in the `admininstall.bat` file included with your installer.

> **Caution**: Only advanced administrators should perform an administrative installation.

To run the batch file:

1. Open an elevated command prompt:

   - Windows 7: Go to **Start > All Programs > Accessories**, then right-click **Command Prompt** and select **Run as administrator**.

   - Windows 8.1: From the **Start** screen, click the down arrow to show all apps, then scroll to **Windows System**. Right-click **Command Prompt** and select **Run as administrator**.

   - Windows 10: Go to **Start > All apps > Windows System**, then right-click **Command Prompt** and select **Run as administrator**.

2. In your installation folder, locate `admininstall.bat` and switch to that directory.

3. Enter `admininstall.bat` and follow it with the location of `Dragon 15.msi`. For example:

   ```
   admininstall.bat "C:\<full_path>\Dragon 15.msi"
   ```

Understanding the script in admininstall.bat

Below are some of the lines from the script in the `admininstall.bat` file, a batch file that decompresses setup files into a network location for installation using SMS or another service.

Near the top of the batch file are the lines that check the parameters entered and, if the parameter passed is not acceptable, execute a routine that handles that situation:

```
:rem //Check and analyze input parameters
if .%1.==.. goto bad_args
```

If the arguments you pass when you enter the command are acceptable, the batch file sets the `NETWORK_DNS_DIR` to the location of `Dragon 15.msi`:

```
set NETWORK_DNS_DIR=%1%
```

When you run the `admininstall.bat` file, the file installs Dragon using a single line of code:

```
echo Installing Dragon...
setup.exe /a /s /v"/qb TARGETDIR=%NETWORK_DNS_DIR% /Liwmo!e+ %TEMP%\admin-
install.log"
```

When the installation of Dragon succeeds or fails, the batch file displays an appropriate message. The remainder of the file handles errors and cases where bad arguments are passed on the command line.

Modifying admininstall.bat

You can modify `admininstall.bat` by adding to and changing the options you pass for installing Dragon. See "MSI properties for Dragon installations" on page 51 for details on the MSI options available for Dragon Professional Individual installations.

Command Line installation with msiexec.exe

Another way to install Dragon from the command line on several client computers is to use the `msiexec.exe` program from Microsoft.

The compiled MSI file, `Dragon 15.msi`, is located on your installation DVD.

You can double-click on the `.msi` file to start the InstallShield Wizard. However, to take advantage of available command line options, use the command line installation process outline below.

Installing the same configuration on additional computer(s)

1. Open a Command Prompt:

   - Windows 7: **Start** > **All Programs** > **Accessories** > **Command Prompt**

   - Windows 8.1: From the **Start** screen, click the down arrow to show all apps > scroll to **Windows System** > **Command Prompt**

   - Windows 10: **Start** > **All apps** > **Windows System** > **Command Prompt**

2. On your installation DVD, locate `Dragon 15.msi` and switch to that directory.

3. Retrieve the customized `nsdefaults.ini` file from the computer where you performed the initial installation.

4. To install the configuration you created during the initial installation, enter the following, substituting your information as needed:

   ```
   msiexec /i "Dragon 15.msi"
   SERIALNUMBER=<SerialNumber>
   DEFAULTSINI="<full_path>\nsdefaults.ini"
   /L*v "C:\Logs\logfile.log" /qn
   ```

Appendix A: Modifying Settings in nsdefaults.ini

Dragon client settings in nsdefaults.ini

A number of Dragon client settings are included in the `nsdefaults.ini` file you created when configuring your initial installation (see "Natspeak.exe Command Line Options" on page 20). The settings that are included vary based on what options you chose to configure during this initial configuration.

You can manually revise the settings in `nsdefaults.ini`, if desired, and then pass the revised file to the `DEFAULTSINI` option when installing Dragon from the command line. For information on command line installations, see "Installing the same Dragon configuration on multiple computers" on page 26.

Auto-Formatting dialog

If you used the `natspeak.exe /SetDefaultFormattingOptions` command to configure default Auto-formatting options, the `[itnoptions.ini *]` section appears at the top or your `nsdefaults.ini` file.

For more information about Auto-Formatting options, see the Dragon Professional Individual help.

Syntax

Each Auto-Formatting option is listed on its own line, preceded by a semicolon (;). If you changed the default setting of a given option during the initial configuration, a second line appears showing the setting you selected. If you chose the default setting, you only see one line per option.

For example, if you disabled automatic formatting of street addresses by deselecting the **Street addresses** check box, you see:

```
;(Address) Str&eet addresses
Address=0
```

If you selected the **Street addresses** check box (the default value), you see:

```
;(Address) Str&eet addresses
```

Description and user interface equivalent	Option in ini file

Web and e-mail addresses check box:
 	
If enabled, Dragon formats email or internet addresses automatically.
 	
If disabled, Dragon does not apply formatting to web and email addresses.
 	
Default: Enabled
	Formatting enabled:
	
	`;(WebAndEmail) &Web and e-mail addresses`
	
	Formatting disabled:
	
	`;(WebAndEmail) &Web and e-mail addresses`
	`WebAndEmail=0`

Units of measure check box:
 	
If enabled, Dragon applies formatting to units of measure, such as feet and inches.
 	
If disabled, Dragon does not format units of measure automatically.
 	
Default: Enabled
	Formatting enabled:
	
	`;(Measure) U&nits of measure`
	
	Formatting disabled:
	
	`;(Measure) U&nits of measure`
	`Measure=0`

Description and user interface equivalent	Option in ini file
Street addresses check box: If enabled, Dragon automatically applies formatting to street addresses. If disabled, Dragon does not format street addresses automatically. **Default**: Enabled	**Formatting enabled**: ;(Address) Str&eet addresses **Formatting disabled**: ;(Address) Str&eet addresses Address=0
ISO currency codes check box: If enabled, Dragon formats currency amounts with the standard ISO currency codes. If disabled, Dragon does not format currency amounts with ISO standards automatically. **Default**: Disabled	**Formatting disabled**: ;(PriceIsoCode) IS&O currency codes **Formatting enabled**: ;(PriceIsoCode) IS&O currency codes PriceIsoCode=1
Abbreviate titles check box: If enabled, Dragon abbreviates common titles such as "Mr." or "Dr." If disabled, Dragon does not abbreviate titles automatically. **Default**: Enabled	**Formatting enabled**: ;(AbbreviationTitle) Abbreviate tit&les **Formatting disabled**: ;(AbbreviationTitle) Abbreviate tit&les AbbreviationTitle=0
Phone numbers check box: If enabled, Dragon formats sequences of digits as phone numbers. **Note**: Dragon can only format phone numbers for the same region as the current user profile (US/Canada or UK). If disabled, Dragon does not format number sequences as phone numbers. **Default**: Enabled	**Formatting enabled**: ;(PhoneNumber) Phone num&bers **Formatting disabled**: ;(PhoneNumber) Phone num&bers PhoneNumber=0
Dates check box: If enabled, Dragon formats dates in the preferred format (see next row for details). If disabled, Dragon does not format dates automatically. **Default**: Enabled	**Formatting enabled**: ;(Date) &Dates

Description and user interface equivalent	Option in ini file

	Formatting disabled:
	
	`;(Date) &Dates`
	
	`Date=0`

Dates drop-down menu:
 	
If date formatting is enabled, select a preferred format for dates, such as:
 	
• Month DD, YYYY
• Mon D, YYYY
• MM-DD-YY
• D Month, YYYY
• D/M/YY
• DD-Mon-YY
 	
Default: Dates As Spoken
	Dates as spoken:
	
	`;(DateFormat)`
	
	--- 	
	
	All other formats:
	
	`;(DateFormat)`
	
	`DateFormat=<format>`

Prices check box:
 	
If enabled, Dragon formats prices and currencies with the appropriate currency symbol. Supported currencies are:
 	
• USD ($, US$)
• CAD (C$)
• EUR (€)
• JPY (¥)
• GBP (£)
• CHF (F)
 	
If disabled, Dragon does not format currency automatically.
 	
Default: Enabled
	Formatting enabled:
	
	`;(Price) &Prices`
	
	--- 	
	
	Formatting disabled:
	
	`;(Price) &Prices`
	
	`Price=0`

Times check box:
 	
If enabled, Dragon automatically formats standard or military times.
 	
If disabled, Dragon transcribes times exactly as spoken with no formatting.
 	
Default: Enabled
	Formatting enabled:
	
	`;(Time) &Times`
	
	--- 	
	
	Formatting disabled:
	
	`;(Time) &Times`
	
	`Time=0`

Common abbreviations check box: If enabled, Dragon uses standard	**Formatting disabled**: `;(AbbreviationOther) Common abbre&viations`

Description and user interface equivalent	Option in ini file
abbreviations such as "vs." or "etc." when transcribing dictation. If disabled, Dragon does not abbreviate common words automatically. **Default**: Disabled	**Formatting enabled**: `;(AbbreviationOther) Common abbre&viations` `AbbreviationOther=1`
UK and Canadian postcodes check box: If enabled, Dragon formats sequences of letters and numbers as UK or Canadian postcodes. If disabled, Dragon does not format UK and Canadian postcodes automatically. **Default**: Disabled	**Formatting disabled**: `;(AddressUKAndCanada) U&K and Canadian postcodes` **Formatting enabled**: `;(AddressUKAndCanada) U&K and Canadian postcodes` `AddressUKAndCanada=1`
Expand contractions check box: If enabled, Dragon expands spoken contractions such as "don't" or "isn't." If disabled, Dragon transcribes contractions exactly as dictated. **Default**: Disabled	**Formatting disabled**: `;(Contraction) Expand &contractions` **Formatting enabled**: `;(Contraction) Expand &contractions` `Contraction=1`
Other numbers check box: If enabled, Dragon applies formatting to numbers, such as negative numbers, fractions, and decimals. If disabled, Dragon will transcribe numbers exactly as dictated. **Default**: Enabled	**Formatting enabled**: `;(OtherNumber) Ot&her numbers` **Formatting disabled**: `;(OtherNumber) Ot&her numbers` `OtherNumber=0`
"million" instead of ",000,000" check box: If enabled, Dragon writes the word "million" instead of six zeros when users dictate round numbers in the millions. If disabled, Dragon writes 1,000,000. **Default**: Enabled	**Formatting enabled**: `;(NumberHalfFormatted) "million" inste&ad of ",000,000` **Formatting disabled**: `;(NumberHalfFormatted) "million" inste&ad of ",000,000"` `NumberHalfFormatted=0`
US Social Security Numbers check box:	**Formatting disabled**: `;(SocialSecurityNumbers) US &Social Security`

Description and user interface equivalent	Option in ini file
If enabled, Dragon formats sequences of nine numbers as a US Social Security Number. If disabled, Dragon does not insert hyphens into nine-digit numbers. **Default**: Disabled	Numbers **Formatting enabled**: ;(SocialSecurityNumbers) US &Social Security Numbers SocialSecurityNumbers=1
Numbers, if greater than or equal to check box: If enabled, Dragon formats numbers as numerals when they are greater than or equal to the specified value (0, 2, 10, or 100). If disabled, Dragon does not format numbers as numerals. **Default**: 10	**Use numerals over 10**: ;(NumberRange) **All other settings**:> ;(NumberRange) NumberRange=<*value*>
Insert two spaces after period check box: If enabled, Dragon inserts two spaces at the end of sentences. If disabled, Dragon adds only one space. **Default**: Disabled	**Single space after a period**: ;(TwoSpacesAfterPeriod) &Insert two spaces after period **Two spaces after a period**: ;(TwoSpacesAfterPeriod) &Insert two spaces after period TwoSpacesAfterPeriod=1
Allow pauses in formatted phrases check box: If enabled, Dragon applies Auto-Formatting to numbers and phrases even when users pause while saying them. If disabled, automatic number and phrase formatting may not take effect if the user pauses. **Default**: Enabled	**Formatting enabled**: ;(CrossUtteranceFormatting) Allow pauses in fo&rmatted phrases **Formatting disabled**: ;(CrossUtteranceFormatting) Allow pauses in fo&rmatted phrases CrossUtteranceFormatting=0

Options dialog

If you used the natspeak.exe /SetDefaultOptions command to configure default client options, the [options.ini Options] section appears in your nsdefaults.ini file.

The exact settings you see may vary based on the tabs you visited while changing default settings.

For more information about Options dialog settings, see the Dragon Professional Individual help.

Correction tab settings

Option	Description and user interface equivalent
`enx Select Brings Up Choicebox=0/1` **Default**: 1 (selected)	**"Select" commands bring up Correction menu** check box: If set to 1, the Correction menu appears when the user says "Select <*text*>" or "Select Again" in dictated text. If set to 0, the Correction menu does not appear.
`Select XYZ Direction=4/8` **Default**: 4 (deselected)	**"Select" commands search backwards** check box: If set to 8, Dragon searches backward from the cursor for matching text when the user says "Select" commands. If set to 4, Dragon searches forward from the cursor.
`enx Correct Brings Up Choicebox=0/1` **Default**: 0 (deselected)	**"Correct" commands bring up Spelling Window** check box: If set to 1, the Spelling window appears when the user says "Correct <*text*>" or "Correct That" in dictated text. If set to 0, the Spelling window does not appear.
`Spell Brings Up Spell Dialog=0/1` **Default**: 0 (deselected)	**"Spell" commands bring up Spelling Window** check box: If set to 1, the Spelling window appears when the user says "Spell <*letters*>" or "Spell That <*letters*>" in dictated text. If set to 0, the Spelling window does not appear.

`Automatically Add Words=0/1`
 	
`Add Words on Correction=0/1`
 	
Default: 1,1 (selected)
 	
The values for these two options must match.
	Automatically add words to active vocabulary check box:
	
	If set to 1, Dragon adds corrected words to the active vocabulary automatically.
	
	If set to 0, users must add corrected words to Dragon's vocabulary manually using the Vocabulary Editor.

`Add Phrase To Voc From Spell Window=0/1` **Default**: 0	Setting is not relevant to Dragon Professional Individual.
`Playback In Correction Dialog=0/1` **Default**: 0 (deselected)	**Automatic playback on correction** check box: If set to 1, Dragon plays back dictation automatically when the user corrects dictated text. If set to 0, Dragon does not play back dictation when users correct text.
`Show Smart Format Rules=0/1` **Default**: 1 (selected)	**Show Smart Format Rules** check box : If set to 1 and you have also implemented auto-formatting options, Dragon prompts users when they attempt to correct auto-formatted

Option	Description and user interface equivalent
	text. If set to 0, Dragon does not prompt users when they correct auto-formatted text.

`Display Terse Caption In Choicebox=0/1`
 	
`Display Commands In Choicebox=0/1`
 	
`Display Choose With Choices=0/1`
 	
Default: `0,1,1` (deselected)
	Show only the choices check box:
	
	If set to `0, 1` and 1, respectively (selected), only alternative words and phrases appear on the Correction menu.
	
	If set to `1, 0` and 0, respectively (deselected), Dragon displays command suggestions in addition to alternative words or phrases.

`Pin Choicebox=0/1` **Default**: 0 (deselected)	**Anchor** check box: If set to 1, the Correction menu remains in its current location until the user manually drags it to a new location. If set to 0, the Correction menu floats around the window as the user selects text by voice.
`Double Click for Correction=0/1` **Default**: 0 (deselected)	**Enable double-click to correct** check box: If set to 1, the Correction menu opens when the user double-clicks a word. If set to 0, the Correction menu does not open when the user double-clicks a word.
`enx Max Items in Choicebox=<1-9>` **Default**: 9	**Show no more than <*number*> options** number box: Determines the maximum number of choices that appear in the Correction menu.

Commands tab

Option	Description and user interface equivalent
`Enable Mouse Motion Mode=0/1` **Default**: 1 (selected)	**Enable mouse motion commands** check box: If set to 1, enables mouse motion commands, such as "Move Mouse Left." If set to 0, mouse motion commands are disabled.
`Mouse Movement=<1-25>` **Default**: 2	**Mouse movement speed** numbers box in the Speed dialog box: Sets the speed of mouse movement when using mouse motion commands. Use a number between 1 (slowest) and 25 (fastest).
`Enable IE Support=0/1` **Default**: 1 (selected)	**Enable HTML support** check box: If set to 1, allows Dragon to work with Internet Explorer, Firefox, and Chrome.

Option	Description and user interface equivalent
	If set to 0 and the Dragon Web Extension is installed, the user cannot select web page elements by voice or dictate directly in web page fields.
`Enable IE Commands=0/1` **Default**: 1 (selected)	**Enable commands in HTML windows** check box: If set to 1, enables commands for use with Internet Explorer, Firefox, and Chrome. If set to 0, disables some Internet Explorer, Firefox, and Chrome commands, and voice commands in some Microsoft Outlook dialog boxes.
`Enable HTML Custom API=0/1` **Default**: 1	Not relevant to Dragon Professional Individual.
`Click Command Required in IE=0/1` **Default**: 1 (selected)	**Require "Click" to select hyperlinks in HTML windows** check box: If set to 1, Dragon requires users to say "Click *<link text>*" to click a link in web browsers. This option prevents Dragon from clicking links unintentionally during dictation. If set to 0, users can say the link text to click.
`Click Command Required For Menus=0/1` **Default**: 1 (selected)	**Require "Click" to select menus** check box: If set to 1, Dragon requires users to say "Click *<menu>*" to open a menu. This option prevents Dragon from clicking menus unintentionally during dictation. If set to 0, users can say the name of the menu to click.
`Click Command Required For Controls=0/1` **Default**: 1 (selected)	**Require "Click" to select buttons and other controls**: If set to 1, Dragon requires users to say "Click *<control>*" to click a button or other control. This option prevents Dragon from clicking menus unintentionally during dictation. If set to 0, users can say the name of a button or control to click.
`Use Recognition Mode Commands=0/1` **Default**: 1 (selected)	**Enable recognition mode switching commands** check box: If set to 1, users can switch recognition modes by voice. If set to 0, users must switch recognition modes using the DragonBar.
`Start Web Search=0/1` **Default**: 1 (selected)	**Enable Web search commands** check box: If set to 1, enables Web searching commands based on natural speech. For example, "Search the web for weather in Seattle." If set to 0, disables web searching commands.
`Start Desktop Search=0/1`	**Enable Desktop search commands** check box: If set to 1, enables Desktop searching commands based on natural

Option	Description and user interface equivalent
Default: 1 (selected)	speech. For example, "Search Computer for time sheets." If set to 0, disables Desktop searching commands.
`Edit Intuitive Search Keywords=0/1` **Default**: 1 (selected)	**Display search text before performing search** check box: If set to 1, Web and Desktop search commands appear in the Edit Search Keywords dialog box before Dragon performs the search. Use this option to edit the search terms or insert special characters. If set to 0, Dragon performs Web and Desktop searches without allowing the user to edit the search terms.
`Start Email=0/1` **Default**: 1 (selected)	**Enable email and Calendar commands** check box: If set to 1, enables Microsoft Outlook commands based on natural speech. These commands allow users to create email, appointments, meetings, and tasks. If set to 0, disables the natural-language Email and Calendar commands.
`Do Cut XYZ=0/1` **Default**: 0 (deselected)	**Enable Cut shortcut commands** check box: If set to 1, enables the Cut shortcut command. If set to 0, the user must first select the text and then say "Cut That."
`Do Delete XYZ=0/1` **Default**: 1 (selected)	**Enable Delete shortcut commands** check box: If set to 1, enables the Delete shortcut command. If set to 0, the user must first select the text and then say "Delete That."
`Do Delete From XYZ=0/1`	Setting is not relevant for Dragon Professional Individual.
`Do Copy XYZ=0/1` **Default**: 1 (selected)	**Enable Copy shortcut commands** check box: If set to 1, enables the Copy shortcut command. If set to 0, the user must first select the text and then say "Copy That."
`Show disambiguation numbers=0/1` **Default**: 1(selected)	**Enable multiple text matches** check box: If set to 1, enables Dragon to find multiple matches to text matching commands. If set to 0, Dragon finds only the matching text instance closest to the cursor position.
`Enable Starting Apps On StartMenu=0/1` **Default**: 1 (selected)	**Enable launching from the Start menu** check box: If set to 1, users can open applications on the Start menu by voice using direct commands, such as "Open Microsoft Word." If set to 0, users must say the full Start menu path, such as "Click Start," then "Click All Programs," then "Click Microsoft Word."

Option	Description and user interface equivalent
`Enable Starting Apps On Desktop=0/1` **Default**: 1 (selected)	**Enable launching from the desktop** check box: If set to 1, users can launch applications, open folders, and shortcuts on the Desktop by voice using direct commands, such as "Open My Documents." If set to 0, users cannot launch from the Desktop by voice.
`Enable Automatically Select First Field=0/1` **Default**: 1 (selected)	**Enable Automatically Select First Field** check box: If set to 1, Dragon places the cursor in the first form field automatically when the user dictates in an application with form fields. If set to 0, the user must place the cursor manually.

`Left Text Field Delimiter=[`
 	
`Right Text Field Delimiter=]`
 	
Default: Left bracket ([) and Right bracket (])
	Left variable delimiter and **Right variable delimiter** text boxes:
	
	Determines the delimiters used to indicate variable fields in Auto-Text commands. You can specify delimiters up to five characters long. You cannot specify the same value for each delimiter.
	
	Note: If you change the default delimiters, Dragon uses the new delimiters for Auto-Text commands, but ignores variables in square brackets when you use the Accept Defaults and Clear Variable Delimiters commands.

More Commands	
Default: Selected	**Enable Natural Language commands** check box **Note**: This option is controlled by the two settings below.
`enx Use Natural Language Commands=0/1` **Default**: 1	If set to 1, enables Natural Language Commands. This feature requires an additional 8MB of memory. If set to 0, disables all Natural Language Commands.
`Disable NLP Support=0/1` **Default**: 0	If set to 0, enables application-specific Natural Language Commands. If set to 1, disables application-specific Natural Language Commands. Global Natural Language Commands remain enabled.
`Enable NLP Word=0/1` **Default**: 1 (selected)	**Enable Microsoft Word commands** check box If set to 1, enables Natural Language Commands in Microsoft Word. If set to 0, disables Natural Language Commands in Microsoft Word.
`Enable NLP Excel=0/1` **Default**: 1 (selected)	**Enable Microsoft Excel commands** check box: If set to 1, enables Natural Language Commands in Microsoft Excel. If set to 0, disables Natural Language Commands in Microsoft Excel.
`Enable NLP PowerPoint=0/1`	**Enable Microsoft PowerPoint commands** check box:

Option	Description and user interface equivalent
Default: 1 (selected)	If set to 1, enables Natural Language Commands in Microsoft PowerPoint. If set to 0, disables Natural Language Commands in Microsoft PowerPoint.
`Enable NLP WordPerfect=0/1` **Default**: 1 (selected)	**Enable Corel WordPerfect commands** check box: If set to 1, enables Natural Language Commands in Corel WordPerfect. If set to 0, disables Natural Language Commands in Corel WordPerfect.
`Turn Off Facebook Commands=0/1` **Default**: 1 (selected)	**Enable Facebook post commands** check box: If set to 1, enables posting directly to Facebook by voice. If set to 0, users must browse to Facebook in a Web browser to post.
`Turn Off Twitter Commands=0/1` **Default**: 1 (selected)	**Enable Twitter post commands** check box: If set to 1, enables posting directly to Twitter by voice. If set to 0, users must browse to Twitter in a Web browser to post.

Appearance tab settings

Option	Description and user interface equivalent
DragonBar	
`DragonBar Mode=0/1/2/3/5` **Default**: 5 (Modern)	**Mode** radio buttons: Determines the location and appearance of the DragonBar. The options are: • **Modern** (5)—The Modern DragonBar appears at the top of your screen. • **Docked to Top** (0)—The Classic DragonBar appears docked to the screen's edge. `DragonBar Docked Mode`, below, determines the placement of the DragonBar. • **Docked to Bottom** (0)—The Classic DragonBar appears docked to the screen's edge. `DragonBar Docked Mode`, below, determines the placement of the DragonBar. • **Floating** (1)—The Classic DragonBar appears as a window on top of other open windows. Users can drag the Classic DragonBar to reposition it. • **Cling** (2)—The Classic DragonBar appears at the top of the current active window. • **Tray Icon Only** (3)—The DragonBar appears only as a microphone icon in the system tray. Applies to both DragonBars. Right-click on the icon to open the DragonBar menu.

Option	Description and user interface equivalent
	Note: This setting determines the availability of the options below.
`Modern DragonBar Auto Collapse=0/1` **Default**: 1 (selected)	**Auto-collapse** check box: If set to 1, the Modern DragonBar collapses when not in use. If set to 0, the Modern DragonBar remains expanded at all times. **Note**: If `DragonBar Mode` is not set to 5, this setting is ignored.
`DragonBar Docked Mode=0/1` **Default**: None	If set to 1, the Classic DragonBar is docked to the bottom of the screen. If set to 0, the Classic DragonBar is docked to the top of the screen. **Note**: This setting is only used if `DragonBar Mode` is set to 0.
`DragonBar Shows Extras=0/1` **Default**: 0 (deselected)	If set to 1, the Extras toolbar appears on the Classic DragonBar. If set to 0, the Extras toolbar does not appear. **Note**: If `DragonBar Mode` is set to 5, this setting is ignored.
Results Box	
`Results Box Pinned=0/1` **Default**: 0 (deselected)	**Anchor** check box: Set to 1 to lock the Results box in place until the user drags it to a new location. Set to 0 to allow the Results box to appears with the text as the user dictates.
`Results Box Feedback Strategy=10/20` **Default**: 20 (deselected)	**Show preliminary results** check box: If set to 10, preliminary and final results appear in a text box before dictation is transcribed in the document. If set to 20, only final results appear.
`enx Beep On Phrase Finish=0/1` **Default**: 0 (deselected)	**Beep after recognition** check box: If set to 1, Dragon beeps each time it recognizes a word or phrase. If set to 0, no sound occurs.
Note: This option is controlled by the three settings below. **Default**: Never hide	**Auto-hide delay** drop-down menu: Determines whether the Results box is shown, and if shown, how long it appears.
`Results Box Disable=0/1`	If set to 1, the Results box is never shown. `Results Box Enable`

Option	Description and user interface equivalent
Default: 0	Auto Close and Results Box Auto Close Delay are ignored. If set to 0, the Results box is shown when Dragon is listening.
Results Box Enable Auto Close=0/1 **Default**: 0	If set to 0, the Results box is always visible when Dragon is listening. Results Box Auto Close Delay settings are ignored. If set to 1, the Results box auto-hides after a period of time specified in Results Box Auto Close Delay.
Results Box Auto Close Delay=<*seconds*> **Default**: 10	Determines the delay, in seconds, that Dragon waits before auto-hiding the Results Box.

Hot keys tab settings

> **Note**: Hot keys are noted in the format <*JavaScript key code*>, <*modifier*>. Modifier keys are noted as follows: No modifier=0; Shift=1; Alt=2; Ctrl=4

Option	Description and user interface equivalent
Microphone Hot Key=<*key*>,<*modifier*>	**Microphone on/off** key combination: Turns Dragon's microphone on and off. **Default**: 107,0 {NumKey+}
Correction Hot Key=<*key*>,<*modifier*>	**Correction** key combination: Opens the Correction menu. > **Note**: You cannot open the Correction menu using a hot key when you are working in Web applications. **Default**: 109,0 {NumKey-}
Command Only Hot Key=<*key*>,<*modifier*>	**Force command recognition** key combination: Forces Dragon to recognize words as commands rather than dictation. **Default**: 0,4 {Ctrl}
Dictation Only Hot Key=<*key*>,<*modifier*> **Default**: 0,1 {Shift}	**Force dictation recognition** key combination: Forces Dragon to recognize words as dictation rather than commands.
DragonBar Hot Key=<*key*>,<*modifier*> **Default**: 106,0 {NumKey*}	**DragonBar menu** key combination: Opens the DragonBar Profile menu. > **Note**: To use with the New DragonBar, the DragonBar must not be collapsed.

Option	Description and user interface equivalent
Sleep Hot Key=<*key*>,<*modifier*> **Default**: 111,64 {NumKey/}	**Microphone sleep/on** key combination: Puts Dragon's microphone to sleep and wakes it up.
Press-To-Talk Hot Key=<*key*>,<*modifier*> **Default**: 0,0 (none)	**Press-to-talk** key combination: Allows you to talk to Dragon while you hold down the key. Dragon stops listening when you release the key.
Dictation Box Hot Key=<*key*>,<*modifier*> **Default**: 68,5 {Ctrl+Shift+D}	**DictationBox** key combination: Opens the Dictation Box.
Playback Hot Key=<*key*>,<*modifier*> **Default**: 109,1 {Shift+NumKey-}	**Playback** key combination: Plays back dictation.
Fast Playback Hot Key=<*key*>,<*modifier*> **Default**: 106,1 {Shift+NumKey*}	**Fast Playback** key combination: Increases the playback speed.
Select Next Variable Hot Key=<*key*>,<*modifier*> **Default**: 78,5 {Ctrl+Shift+N}	**Next Field** key combination: Selects the next variable field (Voice field) in an Auto-text. For more information on Auto-text fields, see the Dragon Professional Individual help.
enx Autopunctuation Hot Key=<*key*>,<*modifier*>	Setting is not relevant for Dragon Professional Individual.
Light Editor Hot Key=<*key*>,<*modifier*>	Setting is not relevant for Dragon Professional Individual.
Transfer Text Hot Key=<*key*>,<*modifier*>	Setting is not relevant for Dragon Professional Individual.
Hidden Mode Hot Key=<*key*>,<*modifier*>	Setting is not relevant for Dragon Professional Individual.

Playback/Text-to-speech tab settings

Option	Description and user interface equivalent
Playback Volume=<*1-100*> **Default**: 100	**Playback volume** number box: Sets the playback volume.
Playback Speed=<*1-999*>	**Playback speed** number box:

Option	Description and user interface equivalent
Default: 100	Sets the playback speed.
`Fast-forward Volume=<1-100>` **Default**: 100	**Fast-forward volume** number box: Sets the fast forward volume if Rewind/Fast-Forward sounds are enabled.
`Fast-forward Speed=<1-999>` **Default**: 150	**Fast-forward** number box: Sets the fast forward speed.
`Rewind Volume=<1-100>` **Default**: 100	**Rewind volume** number box: Sets the rewind volume if Rewind/Fast-Forward sounds are enabled.
`Rewind Speed=<1-999>` **Default**: 150	**Rewind speed** number box: Sets the rewind speed.
`Monkey Cheater On=0/1` **Default**: 1 (selected)	**Play Rewind/Fast-Forward sound** check box: If set to 1, Dragon plays a sound when you fast forward or rewind a selection. If set to 0, Dragon does not play a sound.
Text-to-speech attributes `[local.ini Options]`	
`TTS Volume=<0-255>` **Default**: 255	**Volume** slider: Sets text-to-speech playback volume.
`enx TTS Speed=<0-255>` **Default**: 125	**Speed** slider: Sets text-to-speech playback speed.
`enx TTS Mode Name=<Voice>` **Default**: American English Samantha	**Voice** drop-down menu: Sets the voice used for text-to-speech playback.

Miscellaneous tab settings

Option	Description and user interface equivalent
`DragonBar Launch Item=0/1` **Default**: 0 (deselected)	**Launch DragonPad** check box: If set to 0, DragonPad opens when Dragon starts. If set to 1, DragonPad opens only when you select it from the Tools menu.

Option	Description and user interface equivalent
`Microphone on at startup=0` **Default**: 0 (deselected)	When the User Profile Opens **Have the microphone on but asleep** check box: Set to 1 to start Dragon with the microphone in Sleep mode when Dragon starts. Set to 0 to leave the microphone off when Dragon starts.
`Use Screen Reader Compatible Menus=0/1` **Default**: 0 (deselected)	**Use menus that are compatible with screen readers** check box: If set to 1, allows a screen reader program to read menu items out loud to vision-impaired users. If set to 0, some screen readers may not read Dragon's menu items accurately.
`enx Use Active Accessibility=0/1` **Default**: 1 (selected)	**Voice-enable menus, buttons, and other controls, excluding** check box: Set to 1 to allow users to control user interface elements by voice. Set to 0 to disable voice control of user interface elements for all applications. To turn off voice control in specific applications, use the drop-down menu or the `Tracking Disabled App List` setting.
`Tracking Disabled App List={<applications>}` **Default**: {} (no selection)	**Voice-enable menus, buttons, and other controls, excluding** drop-down menu: Disables voice control of user interface elements in specific applications.
`User Specific Time Before Mic Sleep=<number>` **Default**: 5	**Put the microphone to sleep after <n> minutes of silence** number box: Determines the number of minutes of silence after which Dragon puts the microphone into Sleep mode. Specify a value between 5 and 120 minutes. **Note**: Nuance does not recommend a value greater than 10, as Dragon can misrecognize ambient noise as speech.
`bAlertWhenSignalQualityIsPoor=0/1` **Default**: 1 (selected)	**Alert when audio quality is low** check box: Set to 1 to warn users when dictation audio quality is low. Set to 0 to suppress audio quality alerts.
`Use Dictation Box=0/1` **Default**: 1 (selected)	**User Dictation Box for unsupported applications** check box: If set to 1, Dragon's Dictation Box appears automatically

Option	Description and user interface equivalent
	when you dictate in a text field where Full Text Control is unavailable (PowerPoint or Google Docs, for instance.)
	If set to 0, the Dictation Box does not automatically appear.
Alert On Compatibility Module Disconnection=0/1	**Alert in case of disconnections of target applications** check box:
	If set tp 1, a warning appears when a Dragon compatibility module for a supported application becomes disabled. Compatibility modules enable Full Text Control.
	If set to 0, no warning appears.
	Default: 1 (selected)
Use Light Editor=0/1	Setting does not apply to Dragon Professional Individual.
Sample commands launch on open=0/1	Setting does not apply to Dragon Professional Individual.

Data tab settings

Option	Description and user interface equivalent
Save Correction To Archive=0/1 **Default**: 1 (selected)	**Store corrections in archive** check box: If set to 1, stores corrections for use by Dragon's Acoustic and Language Model Optimizer. If set to 0, Dragon displays a message that there is not enough data to continue when optimization runs.
AO Archive Time Limit=<*number*> **Default**: 3360000 milliseconds maximum	**Archive Size** slider in the Archive Size dialog box: Sets the acoustic data archive size in milliseconds. Dragon requires approximately 80 MB of disk space for 30 minutes of acoustic data.
Collect Dictation Data=0/1 **Default**: 1 (deselected)	**Conserve disk space required by user profile** check box: If set to 1, Dragon maintains a standard-sized set of user profiles. If set to 0, Dragon maintains a smaller set of user profiles to allow you to move them to other computers more efficiently.
Save Speech With Document=0/1/2 **Default**: 2 (Always)	**Save recorded dictation with document** drop-down: Determines whether dictation audio (.DRA files) is saved when the user saves a dictated document. The options are: • 0=Never • 1=Ask me • 2=Always

Option	Description and user interface equivalent
`Backup Frequency=<number>` **Default**: 5	**Automatically back up user profile every *<number>* saves number box** check box: Determines how often Dragon backs up user profiles when the user saves them. > **Note**: This option is ignored if you set `Disable Back Up User Profiles=1`.
`Disable Back Up User Profiles=0/1` **Default**: 0 (deselected)	**Don't back up user profile** check box: If set to 1, Dragon does not back up user profiles. If set to 0, Dragon backs up user profiles using the `Backup Frequency=<number>` setting above.
`V6 Additional Training=0/1` **Default**: 0	Setting does not apply to Dragon Professional Individual.

Administrative Settings dialog

If you used the `natspeak.exe /SetDefaultAdministrativeOptions` command to configure default client options, the `[nssystem.ini Settings]` section appears in your `nsdefaults.ini` file.

For more information about Administrative Settings dialog settings, see the Dragon Professional Individual help.

Miscellaneous tab settings

Option	Description and user interface equivalent
`Default Backup Location for User Profiles=<full path>` **Default**: Blank	**Backup location for user profiles** field: Sets the location where Dragon stores customized words and commands.
`Custom Directory=<full path>` **Default**: `C:\ProgramData\Nuance\Nat-urallySpeaking15\custom`	**Data Distribution location** field: Sets the location where Dragon stores customized words and commands.
`Disable command changes for restricted users=0/1` **Default**: 0 (deselected)	**Do not allow restricted users to add or modify commands** check box: Set to 1 to prevent restricted Windows users from adding or modifying Dragon commands. Restricted users can, however, delete, import, and export commands using the Command Browser.

Option	Description and user interface equivalent
	Set to 0 to allow all Windows users to add and modify Dragon commands.
`Global MyCommands MacroRecorder=0/1` **Default**: 0 (deselected)	**Disable use of Macro Recorder commands** check box: Set to 1 to prevent users from creating or editing macro recorder commands. Users can still run the commands, however. Set to 0 to allow users to create and edit macro recorder custom commands.
`Global MyCommands StepByStep Scripting=0/1` **Default**: 0 (deselected)	**Disable use of Step-by-Step commands** check box: Set to 1 to prevent users from creating or editing step-by-step custom commands. Users can still run the commands, however. Set to 0 to allow users to create and edit step-by-step commands.
`Global MyCommands VBA Scripting=0/1` **Default**: 0 (deselected)	**Disable use of Advanced Scripting commands** check box: Set to 1 to prevent users from creating or editing scripting custom commands. Users can still run the commands, however. Set to 0 to allow users to create and edit scripting commands.
`Disable vocabulary changes for restricted users=0/1` **Default**: 0 (deselected)	**Do not allow restricted users to modify vocabularies** check box: Set to 1 to prevent restricted Windows users from modifying vocabularies. Set to 0 to allow all Windows users to modify vocabularies.
`Global Enable Pause Results=0/1` **Default**: 0 (deselected)	**Record wave data between utterances** check box: Set to 1 to save all audio during dictation, including pauses, background noises, and coughing. Set to 0 to allow Dragon to delete audio that does not contain speech.

Option	Description and user interface equivalent
`enx ACO uses Auto Accent AM selection=0/1` **Default**: `0` (deselected)	**Disable automatic acoustic model selection in Acoustic Optimizer** check box: Set to 1 to prevent Acoustic Optimization from automatically selecting the acoustic model that most closely matches the user's accent. Set to `0` to allow the Acoustic Optimization to select a different acoustic model automatically if necessary.

Scheduled Tasks tab

Option	Description and user interface equivalent
`Data Collector Batch Mode=0/1` **Default**: 1 (selected)	**Enable scheduled Data Collection** check box: If set to 1, enables Data Collection, which allows Dragon to collect up to 500 MB of data and text from your dictation sessions. If set to `0`, disables Data Collection.
`Allow Users to Optimize=0/1` **Default**: 1 (selected)	**Enable scheduled Accuracy Tuning** check box: If set to 1, enables Accuracy Tuning. If set to `0`, disables Accuracy Tuning.

Appendix B: Options for MSI Installations

MSI properties for Dragon installations

This section describes the `msiexec.exe` properties that apply to Dragon Professional Individual. For information about Windows Installer-defined properties, see the Microsoft Dev Center for Windows Installer: https://msdn.microsoft.com/en-us/library/windows/desktop/aa370905.aspx.

Syntax

- To install using msiexec.exe, use the syntax:

      msiexec.exe /i "Dragon 15.msi" *<PROPERTY>=<VALUE>*

- To install using `setup.exe`, put all `msiexec.exe` properties in quotation marks after the /v option:

      setup.exe /v"*<PROPERTY>=<VALUE>*"

- Dragon command line options do not need to be prefaced by hyphens or slashes.

- Unless otherwise noted, all property values are in UPPERCASE.

> **Note**: If you use the /qn switch, no dialogs will display during installation, even if you set them to display in the command line.

Options	Description
SERIALNUMBER=<*serial_number*> **Required**	Specify a valid serial number. A serial number is required for all installations. > **Note**: Specifying a serial number on the command line does not bypass the serial number checking during Setup.
DEFAULTSINI="<*full_path*>\nsdefaults.ini" **Optional**	Indicates a default settings file (`nsdefaults.ini`) that the installer uses to change the product settings for all users at installation time. This file must be in an `.ini` file format; any settings you want to include must have a section name encased in square brackets as well as the value and data. If the section name is missing, the settings are not propagated on client computers.
PERIODIC_TASK=<tasks>;<admin>;<password>;<Day>, <hh:mm> **Optional**	Configures the Acoustic Model Optimizer, Language Model Optimizer and Data Collection tasks in the Scheduled Tasks tab of the Administrative Settings dialog. See "MSI options for scheduled tasks" on page 55 for details.
REGION=<region> **Optional**: If omitted, Dragon installs the default regions: All for English-language installations, or None for non-English installations.	Set the REGION to include with your installation. The available English-language regions are: - United States (UnitedStates or US) - Canada (Canada) - United Kingdom (UnitedKingdom or UK) - Australia/New Zealand (Australia or NewZealand) - Indian subcontinent (IndianSubcontinent or Indian)

Appendix B: Options for MSI Installations

Options	Description
	• Southeast Asia (SoutheastAsia or Asia) To install all English-language regions, set REGION=All. Set REGION=NoEnglish or REGION=None if you do not need to install any English-language regions.
REMOVEOLDPROD=1	Set REMOVEOLDPROD to 1 to remove the old version of the product before installing the new version. You should only use this option for major upgrades.

Sample command lines

msiexec.exe command line

```
msiexec.exe /i "Dragon 15.msi"
SERIALNUMBER=<serial_number>
DEFAULTSINI="C:\<full_path>\nsdefaults.ini"
INSTALLDIR="C:\Program Files\Nuance\NaturallySpeaking15"
PRODUCTUPDATEFLAG=1 REBOOT=ReallySuppress
PERIODIC_TASK="aco|lmo;admin;pswd;Mon, 01:00|Mon, 06:00"
ADDLOCAL=TTSENX,NatSpeak,ENUGeneral
/L*v "C:\Logs\logfile.log" /qn
```

setup.exe command line

```
setup.exe /s /v"SERIALNUMBER=<serial_number>
DEFAULTSINI=\"C:\<full_path>\nsdefaults.ini\"
INSTALLDIR=\"C:\Program Files\Nuance\NaturallySpeaking15\"
PRODUCTUPDATEFLAG=-1 REBOOT=ReallySuppress
PERIODIC_TASK="aco|lmo;admin;pswd;Mon, 01:00|Mon, 06:00"
ADDLOCAL=TTSENX,NatSpeak,ENUGeneral
/L*v C:\Logs\logfile.log /qn"
```

Feature variables to set through the ADDLOCAL or ADVERTISE properties

You can specify any of the features in the table below using `ADDLOCAL` and `ADVERTISE` properties on the command line. For example:

```
ADDLOCAL=NatSpeak,TTSENU,ENU
```

When specifying features on the command line:

- If a feature does not exist in a particular edition or language, overriding its default property has no effect.
- Some features (such as Text-to-Speech) have sub-features. Setting these features on the command line automatically turns on the properties of all sub-features, unless you specify an additional override for those sub-features.

Feature	Sub-features
`NatSpeak` **Note**: Required in `ADDLOCAL`; if not included, the installation will fail.	None
`Samples` (Sample Commands file)	None
`TTS` (Text-to-Speech)	• `TTSENU` (US English Text-to-Speech) • `TTSENG` (British English Text-to-Speech) • `TTSDEU` (German Text-to-Speech) • `TTSESP` (Spanish Text-to-Speech) • `TTSFRA` (French Text-to-Speech) • `TTSITA` (Italian Text-to-Speech) • `TTSNLD` (Dutch Text-to-Speech)
`Tutorial` (iTutorial)	None

Speech options

You can also add or advertise the following datapacks. Each includes all sub-features, including vocabularies and accents:

- ENU (US English)
- ENC (Canadian English)
- ENG (UK English)
- AUS (Australia/New Zealand English)
- IND (Indian Subcontinent English)
- SEA (Southeast Asia English)
- DEU (German)
- ITA (Italian)
- NLD (Dutch)
- FRA (French)
- ESP (Spanish)

MSI options for scheduled tasks

> **Note**: Take the following actions on the client computer. Do not perform them on the computer where you performed the initial installation and configured default option settings.

You can include an additional option on the command line to run one or more of the following tasks on a particular schedule:

- **Acoustic model optimization (ACO)**—This task optimizes the acoustic models used to interpret the user's speech. You can set a particular date and time for this optimization to occur. When a speaker is new to Dragon, you might want to run the optimization more often.

- **Language model optimization (LMO)**—This task optimizes the language model (vocabulary files) used to help recognize words that the end-user speaks. The model incorporates data from the end-user's speech into the language model he or she is using, customizing the model for that user profile.

- **Data collection (DC)** — This task automatically collects data that helps improve Dragon's ability to recognize speech. You can choose to allow this data to be sent back to Nuance over the Internet on a particular schedule or choose not to send the data. This process does not collect your personal information. Data collection is available in non-US English versions of Dragon Professional Individual.

You can schedule the above tasks and turn them on or off by passing an option called `PERIODIC_TASK` to the MSI installer.

First, set `PERIODIC_TASK` to a string containing short acronyms for the types of tasks, separated by vertical bars: `aco | lmo | dc`

If you do not pass the acronym for a feature, that feature is set to its default.

Next, the string for `PERIODIC_TASK` should include the administrator login and password, followed by the schedule for each task, in the order that they occur in the string, separated by vertical bars.

- Enter the day(s) of the week for each task using three-letter abbreviations (`Mon`, `Tue`, etc.).

- Enter the hour using a 24-hour clock in the format `hh:mm` (`05:00`, `18:30`, etc.).

For example, the string below sets the schedule for Acoustic Model Optimization to Mondays at 1 AM and the Language Model Optimization to Mondays at 6 AM:

```
PERIODIC_TASK="aco|lmo;admin;pswd;Mon, 01:00|Mon, 06:00"
```

The task runs once a week on the day and time indicated. If you omit the `Day`, the task runs every day at the time given. Because no schedule is specified for Data Collection, the default schedule will be used.

Default Schedules

- Acoustic model optimization (`ACO`) — Every day, 3 AM

- Language model optimization (`LMO`) — Every day, 2 AM

Extracting MSI/MST Files from the Dragon setup.exe

Some minor releases of Dragon do not include an MSI file. Instead, the file is part of the `setup.exe` file. You can run silent installations from the command line with `msiexec.exe` or `setup.exe` – you don't need to extract the `.msi` and `.mst` files. Use the following information if you are comfortable using `.msi` installers.

The following sample command line extracts the `Dragon 15.msi` file and the `.mst` files used for installing Dragon:

```
setup.exe /a /s /v"EXTRACTFILES=c:\temp\MSIfiles /qn"
```