

What's New in Dragon[®] Medical, Version 10.1

Dragon[®] Medical, Version 10.1, is the latest version of Nuance's leading speech-recognition reporting solution for medical professionals. This latest version gives providers more control of their reports with the goal of making the dictation process faster and more accurate. *Dragon Medical* helps providers achieve faster report turnaround time, reduce transcription costs, provide higher levels of satisfaction to referring providers, and enhance patient care.

This What's New document includes:

- An *Overview*, below.
- Descriptions of the *New Features for Administrators*, beginning on [page 3](#).
- Descriptions of the *New Features for Providers*, beginning on [page 6](#).

Overview

Administrators

- **Dictation Box behavior: Anchor Dictation Box to application** option available on the **Miscellaneous** tab in **Administrative Settings**.
- **Data encryption:** Allows administrators to enable/disable encryption feature, for compliance with HIPAA guidelines.
- **Upgrading roaming users:** Session folders for roaming users are now copied over to the new profile during an upgrade, allowing the session data to be processed by the acoustic optimizer.
- **MSI installations:** The installer now automatically creates the default location of the roaming local cache.
- **64-bit operating system support:** *Dragon Medical* 10.1 can be installed on the Microsoft[®] Windows[®] Vista[™] 64-bit operating system.
- **Windows 2008 Server support:** *Dragon Medical* 10.1 can be installed on the Microsoft Windows 2008 Server operating system.

Providers

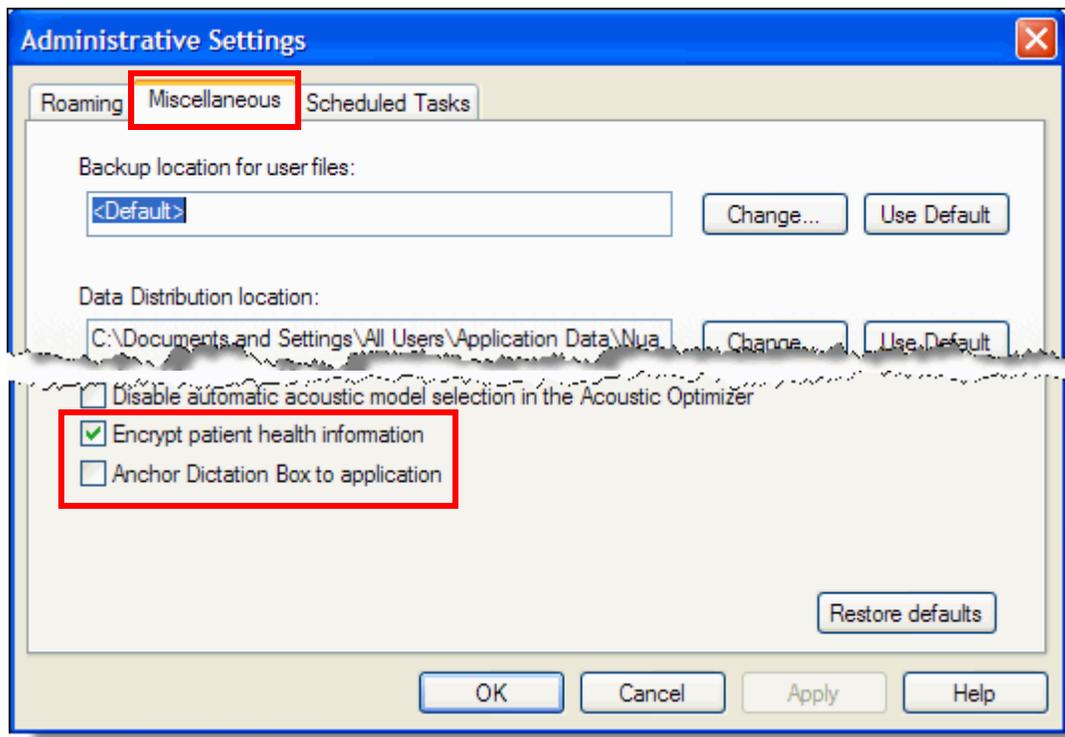
- **Web search commands:** Use voice commands to search the **PubMed**, **WebMD**, **UpToDate**, and **ICD9** Web sites.
- **New Report Templates in Command Browser:** The **Medical Templates** and the **Medical Normals** groups are now available in the **Command Browser**.
- **Word categories:** Assign a word category to a word in the **Add Individual Word** dialog box.

- **Sleep Mode Timer:** Set the amount of silent time that passes before the microphone automatically goes into **Sleep** mode.
- **New Keyboard Shortcut:** Create a keyboard shortcut for the **Next Field** command.
- **New Voice Commands:** “**Accept Defaults**” can be used in addition to the “**Clear Variable Delimiters**” command.
- **Formatting Option Changes**
 - The **Spell “disfluency” and related words with “dys”** option has been removed from the **Miscellaneous** tab.
 - **Caps Lock key overrides capitalization commands** option is now available on the **General** tab.
- **Hidden Mode Indicator:** The **Hidden Mode** indicator on the **DragonBar[™]** now indicates whether the **Dictation Box** contains text or whether it is empty.
- **Transfer Text from Dictation Box:** Select specific method for transferring text from the **Dictation Box** into each application.
- **Exit the Dictation Box:** Set an option that automatically closes the **Dictation Box** after transferring text.
- **Changes on the Options > Commands tab:** The **Enable Cut and Delete shortcut commands** option is now two separate options: **Enable Cut shortcut command** and **Enable Delete shortcut command**.
- **Changes on the Options > Data tab:** The default value for **Disk space reserved for playback** is now 100 MB instead of 40 MB.
- **New User Wizard Changes**
 - The **Vocabulary** list in the **New User Wizard** no longer has a default vocabulary selected.
 - The **E-mail** checkbox is no longer selected by default on the **Adapt to Your Writing Style** page of the **New User Wizard**.
- **Improved correction handling:** Faster, noticeable improvements to your dictation accuracy after you correct a report.
- When using the **NSAdmin** administration tool:
 - Commands with the same name are no longer added as duplicates
 - Customized written forms retain their custom values after being processed by **nsadmin**.

New Features

New Features for Administrators

New Options on the Administrative Settings Miscellaneous Tab



Encrypting Patient Health Information

By default, this option is automatically enabled.

When a provider dictates using *Dragon Medical*, *Dragon Medical* automatically saves all audio and transcribed text in Dragon Recorded Audio (**.DRA**) files. If the provider corrects any of the dictated text, *Dragon Medical* automatically stores these corrections in **.enwv** files. Both these files are saved in the background.



Note: **.DRA** files specifically saved by a provider (such as files saved in Microsoft Word or in DragonPad) are not encrypted.

When this option is enabled, *Dragon Medical* encrypts these automatically created **.DRA** and **.enwv** files before storing them in the local or roaming user directories to ensure they do not become a back door into patient data and violate the patient's privacy. These files

are also encrypted when a user dictates into a supported application like Microsoft Word or an Electronic Health Record (EHR) application.

Due to the restrictions mandated by privacy regulations (for example, the United States' Health Insurance Portability and Accountability Act (HIPAA) and Europe's EC 95/46 Directive), these encrypted **.DRA** and **.enwv** files can only be opened by *Dragon Medical* for its internal use; these encrypted files cannot be opened by any application other than *Dragon Medical* internal processes. They cannot be accessed by the non-Medical versions of *Dragon*, the *Dragon NaturallySpeaking* SDK Client Edition (DSC), or the *Dragon NaturallySpeaking* SDK Server Edition (DSS). In addition, any encrypted **.DRA** and **.enwv** files automatically created by *Dragon Medical*, cannot be opened in **DragonPad**.

Controlling Dictation Box Behavior

You can decide how the **Dictation Box** is used by providers system-wide.

 **Note:** *Selecting this option causes the **Dictation Box** to function as it did in Dragon[®] NaturallySpeaking[®] Medical 9.*

- With the **Anchor Dictation Box to application** check box *selected*, text in the **Dictation Box** must be transferred to the target application before a provider can continue to use the target application. In this mode, the **Dictation Box** has a **Transfer** button, so you do not need to switch back to the application before transferring the text. Once the provider transfers the text, the **Dictation Box** closes.

 **Note:** *Before opening the **Dictation Box**, make sure that your cursor is at the desired location in the target application.*

- With the **Anchor Dictation Box to application** check box *cleared*, you can switch to the target application to browse information within it, or even switch to a different application, and then return to the **Dictation Box**. Again, you must place the cursor at the desired location in the target application before transferring the text. You can also use the **Dictation Box** in **Hidden Mode** with this check box cleared.

Upgrading Roaming Users

Session folders for roaming users are now copied over to the new profile during an upgrade, allowing the session data to be processed by the acoustic optimizer (ACO).

MSI Installations

The MSI installer now automatically creates the default location of the roaming local cache.

Support for 64-Bit Operating System

Dragon Medical 10.1 can be installed on the Microsoft Windows Vista 64-bit operating system. (*Dragon Medical 10.1* currently does not support the Windows XP 64-bit operating system.)

Support for Windows 2008 Server

Dragon Medical 10.1 can be installed on the Microsoft Windows 2008 Server operating system.

Known Issues Resolved in Dragon Medical 10.1 (for Administrators)

- When needed, *Dragon Medical* displays the **Dragon has reached the maximum amount of speech data** message only once.
- Training is now preserved for custom words migrated during user upgrades.
- Your computer no longer freezes when you launch Internet Explorer 6 after installing *Dragon Medical*.
- Several improvements have been made to the upgrade process:
 - The *Dragon Medical* **Qualifying Products** dialog box now lists version 9 of *Dragon Medical* during an upgrade.
 - The **Medical** acoustic model is now properly migrated during a user upgrade.
 - The **natspeak.exe** file no longer shuts down while upgrading a version 9 user.
- You can now merge the **nsdefaults.ini** file with your main .ini file during installation when the **defaultsini** option uses a network path.
- The **Upgrade User** dialog box no longer appears at the end of a silent installation.

New Features for Providers

Web Search Commands

You can now use voice commands to search for information on the **PubMed**, **WebMD**, **UpToDate**, and **ICD9** Web sites. The voice commands can be issued at any time; a Web browser does not have to be open.

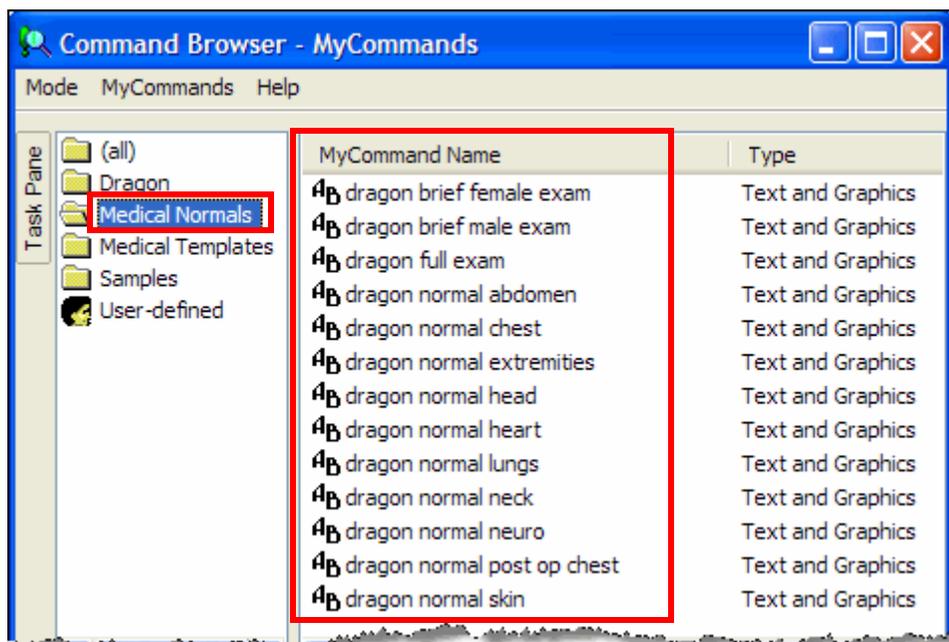
The following table shows a list of the voice commands that can be used:

Voice Command
“Search PubMed for <xxx>”
“Search WebMD for <xxx>”
“Search WebMD Drugs for <xxx>”
“Search WebMD Condition for <xxx>”
“Search UpToDate for <xxx>”
“Search ICD9 for <xxx>”
“Search ICD9 Procedures for <xxx>”
“Search ICD9 Drugs for <xxx>”
“Search ICD9 Dictionary for <xxx>”
“Search ICD9 Codes for <xxx>”

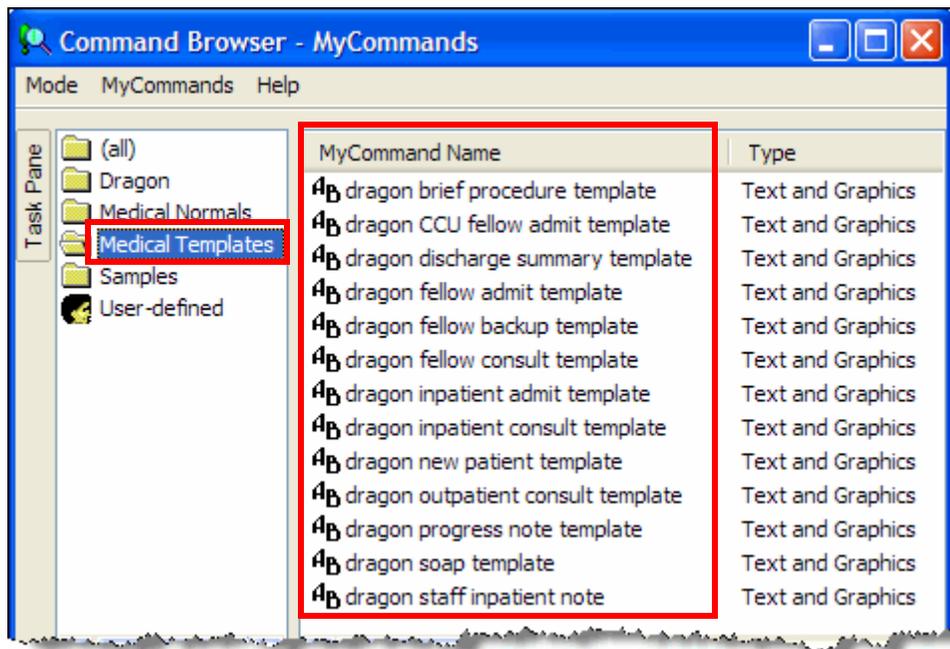
New Report Templates Available in Command Browser

Two new groups or report templates, **Medical Templates** and the **Medical Normals**, are now available in the **Command Browser**.

The **Medical Normals** group contains templates that contain typical content for several normal reports frequently encountered by providers. The normal voice commands are shown below. Note that each command starts with the word **Dragon**.

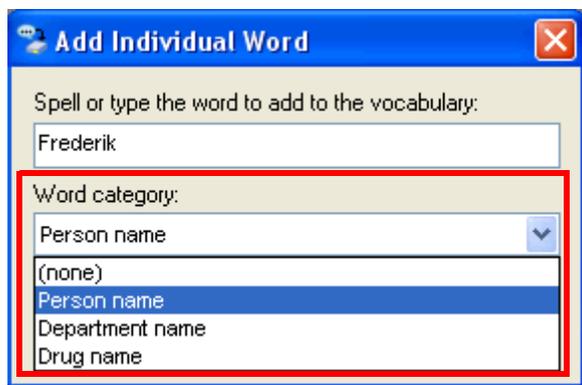


The **Medical Templates** group contains templates for creating several types of common reports. The template voice commands are shown below. Note that each voice command begins with the word **Dragon** and ends with the word **template**.



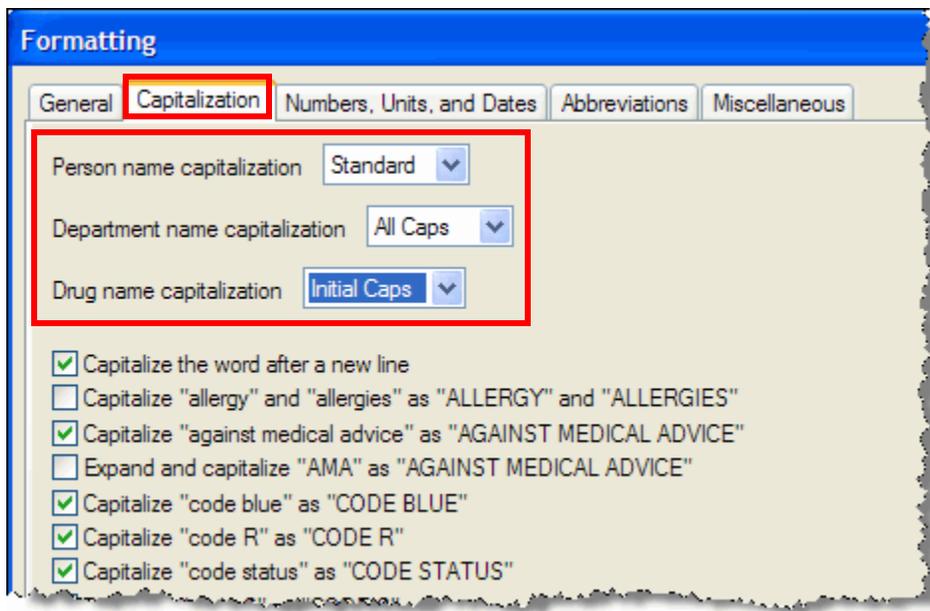
Word Categories

When adding a new word using the **Add Individual Word** dialog box (on the **DragonBar**, click **Words > New**), you can now assign the word to a word category, which applies a capitalization option to the new word.



The capitalization is based on the **Person name**, **Department name**, and **Drug name** settings in the **Formatting** dialog box. Choices for both person name and department name are **Standard** and **All Caps**. For drug name, the choices are **Standard**, **All Caps**, and **Initial Caps**.

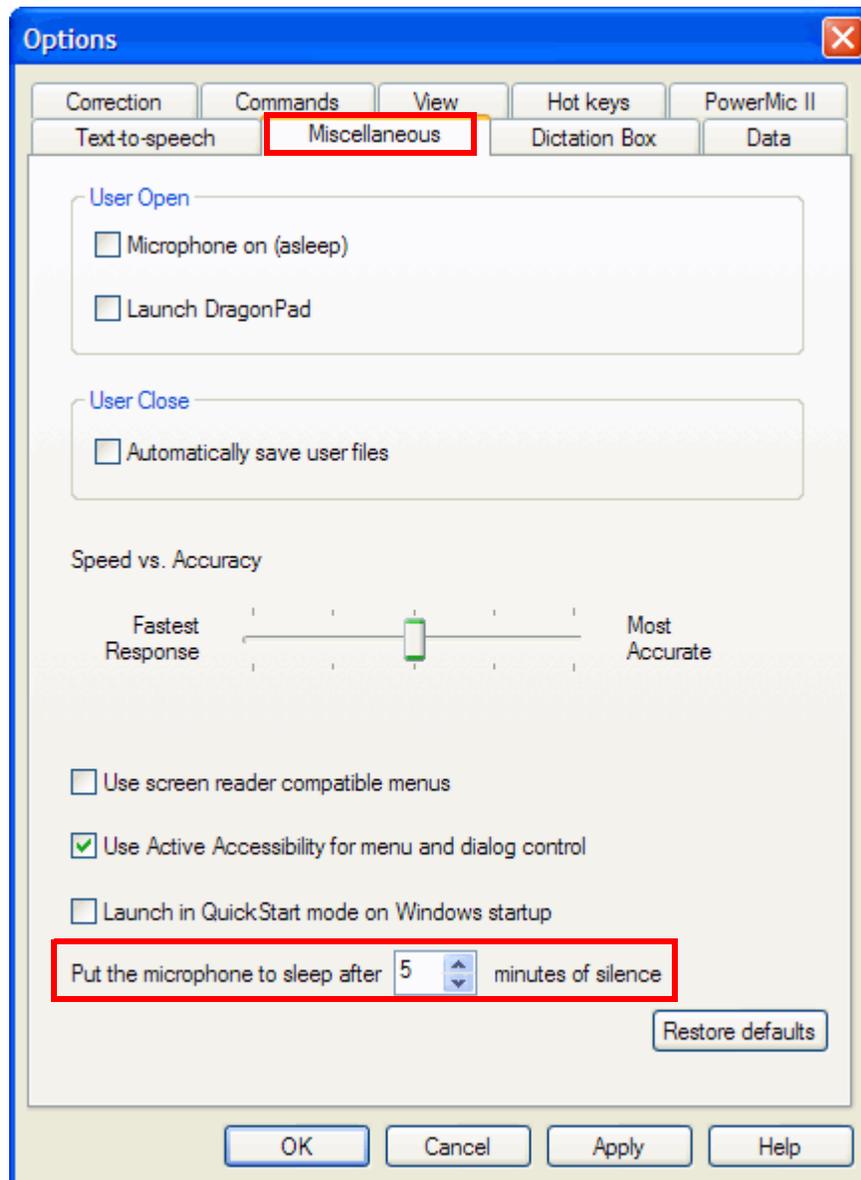
To modify these options, on the **DragonBar**, click **Tools > Formatting** and then select the **Capitalization** tab.



Sleep Mode Timer

You can now set the amount of silent time that passes before the microphone automatically goes into **Sleep** mode.

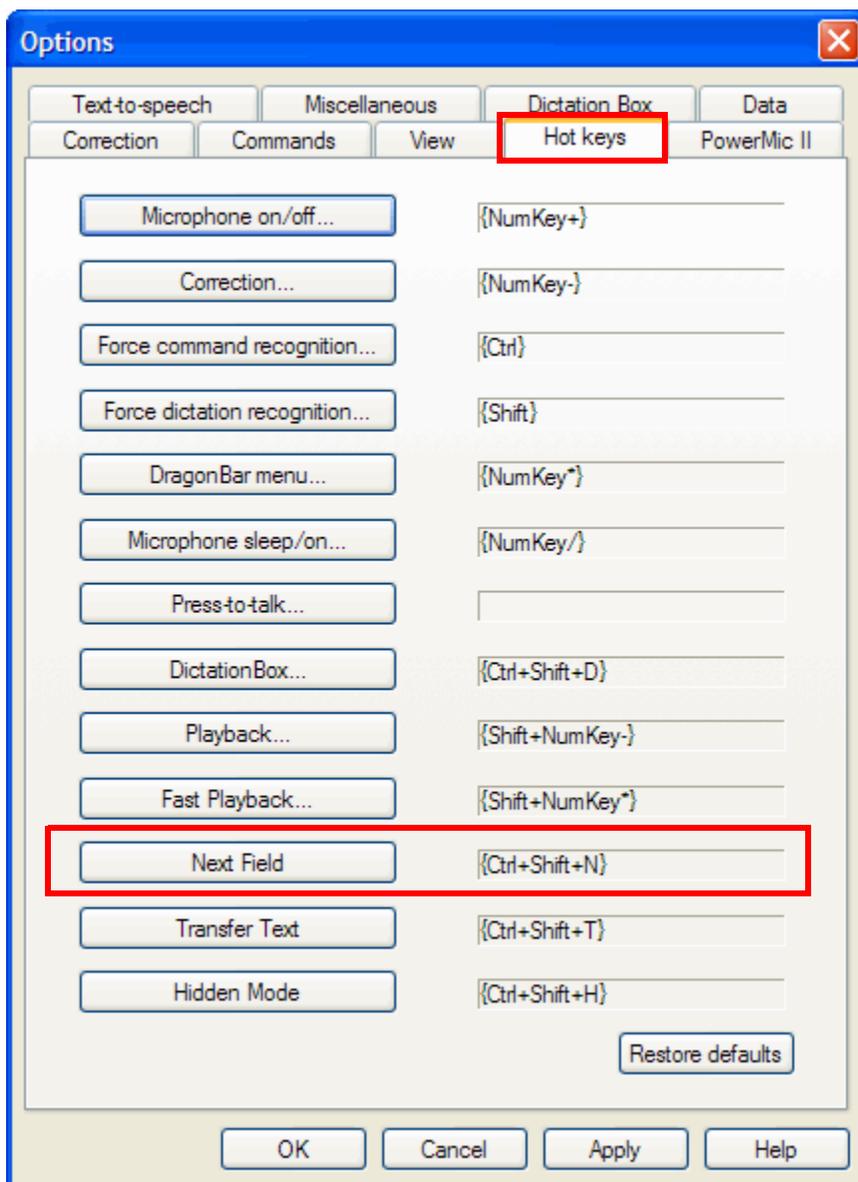
To modify this option, on the **DragonBar**, click **Tools > Options** and then select the **Miscellaneous** tab.



New Keyboard Shortcut

You can now create a keyboard shortcut key for the **Next Field** command. This feature is useful for providers who might not be able to use a *PowerMic II* button to issue the command.

To modify this option, on the **DragonBar**, click **Tools > Options**, and then select the **Hot keys** tab. The default hotkey is **Ctrl+Shift+N**.



New Voice Commands

You can now use the voice command “**Accept Defaults**” to remove the delimiting brackets in a DragonTemplate. This command can be used in addition to the “**Clear Variable Delimiters**” and “**Clear Field Delimiters**” commands.

Formatting Option Changes

- The Spell “**disfluency**” and related words with “**dys**” option (previously located on the **Miscellaneous** tab) has been removed. *Dragon Medical* now selects the most commonly used spelling for each word. If you want to change the spelling of a word that can start with either **dys** or **dis**, change (or add) the alternate written form of the word in the **Properties** dialog of the **Vocabulary Editor**.

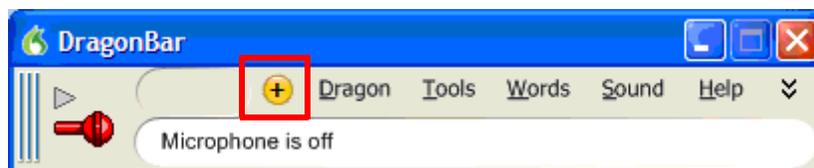
To open the **Vocabulary Editor**, use the voice command “**Open Vocabulary Editor**” or, on the **DragonBar**, click **Words > View/Edit**.

- A new option, **Caps Lock key overrides capitalization commands**, is available on the **General** tab. Selecting this option allows you to override existing capitalization rules by pressing the **Caps Lock** key on your keyboard.

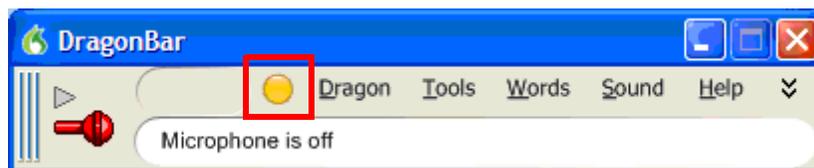
Hidden Mode Indicator

When you are dictating in **Hidden Mode**, the yellow **Select-and-Say** indicator on the **DragonBar** now indicates whether the **Dictation Box** (which is where *Dragon Medical* stores text while it is in hidden mode) contains text or whether it is empty. If the **Dictation Box** contains text, a plus sign (+) appears on the **Select-and-Say** indicator. If the **Dictation Box** is empty (text has already been transferred), the plus sign does not appear. The following illustrations show both cases.

Dictation Box contains text:



Dictation Box does *not* contain text:



Transfer Text from Dictation Box

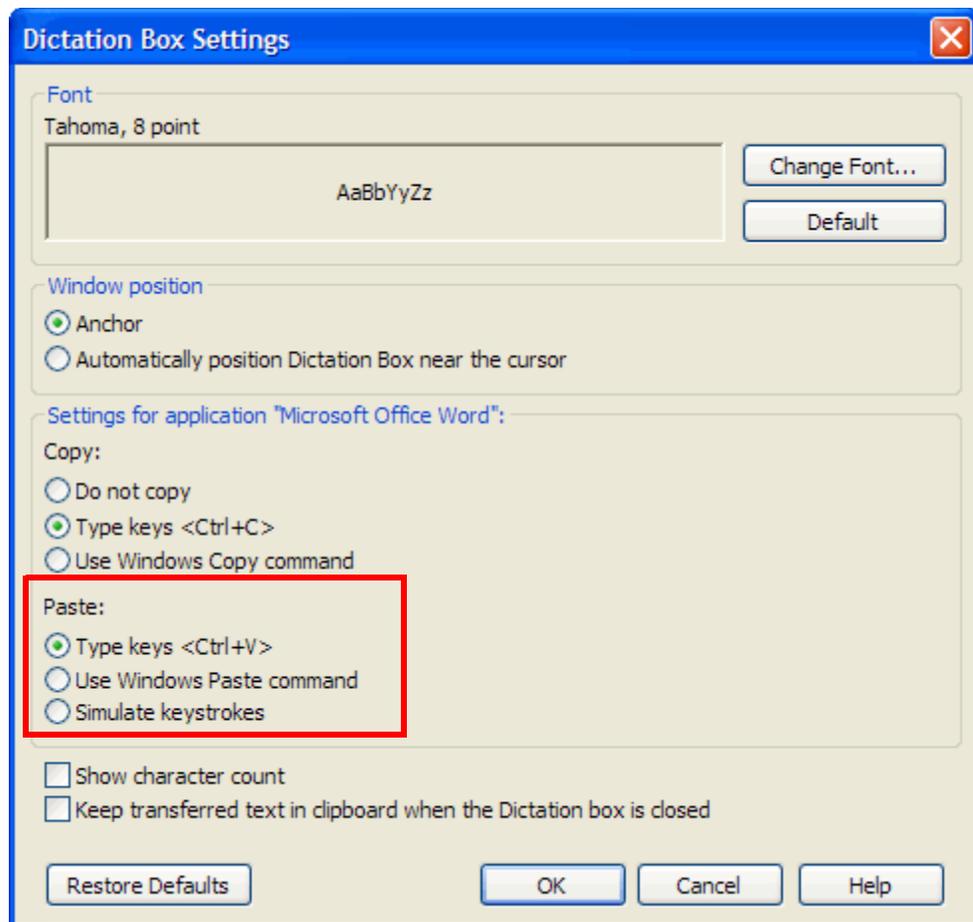
You can now select a specific method of transferring text (copy/paste, specific keystroke, and so on) from the **Dictation Box** to other applications, for each application you use.



Note: This feature is available only if the **Anchor Dictation Box** administrator setting has been selected.

For example, to specify a transfer method from the **Dictation Box** into Microsoft Word:

1. Open *Dragon Medical* and select a user.
2. Open a document in Word.
3. Place the cursor in the Word document.
4. Start the **Dictation Box** (“**Open Dictation Box**” voice command, or, on the **DragonBar**, click **Tools > Dictation Box**.)
5. In the **Dictation Box**, click **Settings**. The **Dictation Box Settings** dialog box opens.





6. Select a **Paste** option (for this example, select **Type Keys <Ctrl+V>**).
7. Click **OK** to save your selection and close the dialog box.
8. Dictate into the **Dictation Box**.
9. When finished, return to Microsoft Word and say “**Transfer Text**” (or press the **Transfer Text** hot key, which is **Ctrl+Shift+T** by default). *Dragon Medical* transfers the text using the chosen **Paste** option.
10. Close Word.

Now your transfer option from the **Dictation Box** to Word is set to the **Type Keys <Ctrl+V>** option.

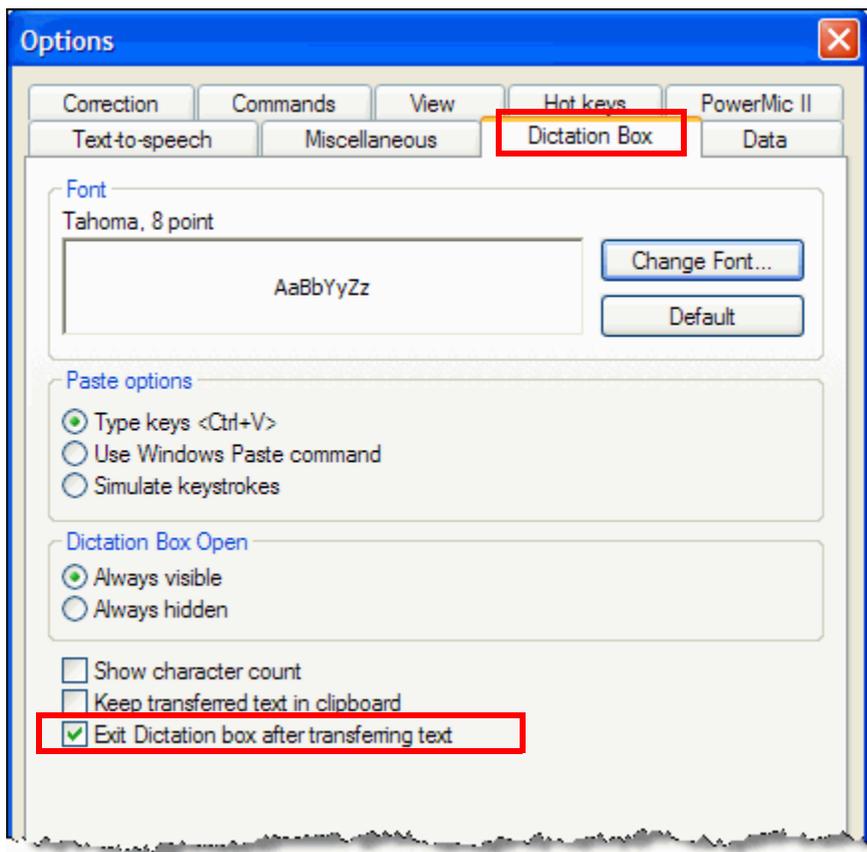
Option to Automatically Close the Dictation Box

You can now set an option, **Exit Dictation box after transferring text**, that automatically closes the **Dictation Box** after transferring text.



Note: This feature is available only if the **Anchor Dictation Box** administrator setting has **not** been selected.

To modify this option, click **Tools > Options** and then select the **Dictation Box** tab.



If you *select* this option (default setting), the following statements apply:

- If the **Dictation Box** is *visible* (**Dictation Box Open** option is set to **Always visible**), the **Dictation Box** closes when the text is transferred into the target application, and *Dragon Medical* retains its current mode. (For example, if *Dragon Medical* was in the **Normal** mode when **Dictation Box** was opened, it remains in the **Normal** mode after the **Dictation Box** is closed. This was the behavior in *Dragon Medical*, version 10.0.)
- If the **Dictation Box** is *hidden* (**Dictation Box Open** option is set to **Always hidden**), the **Dictation Box** closes when the text is transferred into the target application.

However, in this case, *Dragon Medical* switches to the **Normal** mode at this time (since **Hidden Mode** is actually a *Dragon Medical* operational mode).

If you *clear* this option, the following statements apply:

- If the **Dictation Box** is *visible* (**Dictation Box Open** option is set to **Always visible**), the **Dictation Box** remains open after the text is transferred into the target application, and *Dragon Medical* retains its original mode. (For example, if *Dragon Medical* was in the **Normal** mode when **Dictation Box** was opened, it remains in the **Normal** mode after the **Dictation Box** is closed.)
- If the **Dictation Box** is *hidden* (**Dictation Box Open** option is set to **Always hidden**), *Dragon Medical* remains in **Hidden Mode** after the text is transferred into the target application. (This was the behavior in *Dragon Medical*, version 10.0.)

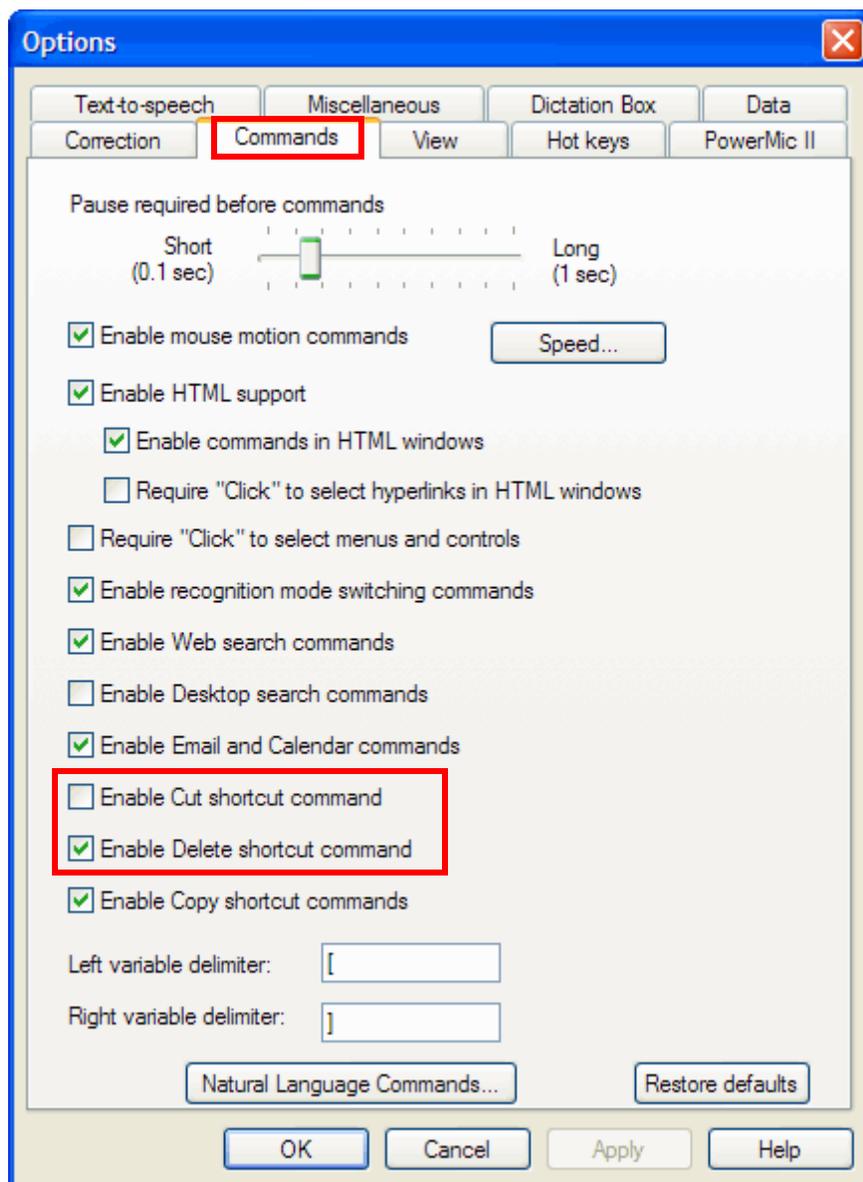


Note: To see your current mode, on the **DragonBar**, click **Words** and look for the mode with the black dot beside it.

Changes on the Options > Commands Tab

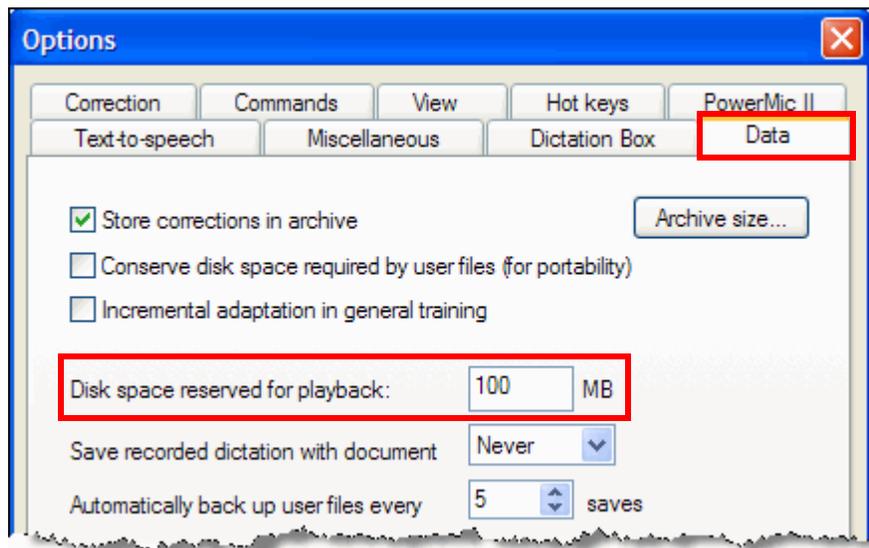
The **Enable Cut and Delete shortcut commands** option is now two separate options: **Enable Cut shortcut command** and **Enable Delete shortcut command**. You can enable or disable the **Cut** and **Delete** commands separately.

To change the settings on these commands, on the **DragonBar**, click **Tools > Options** and select the **Commands** tab.



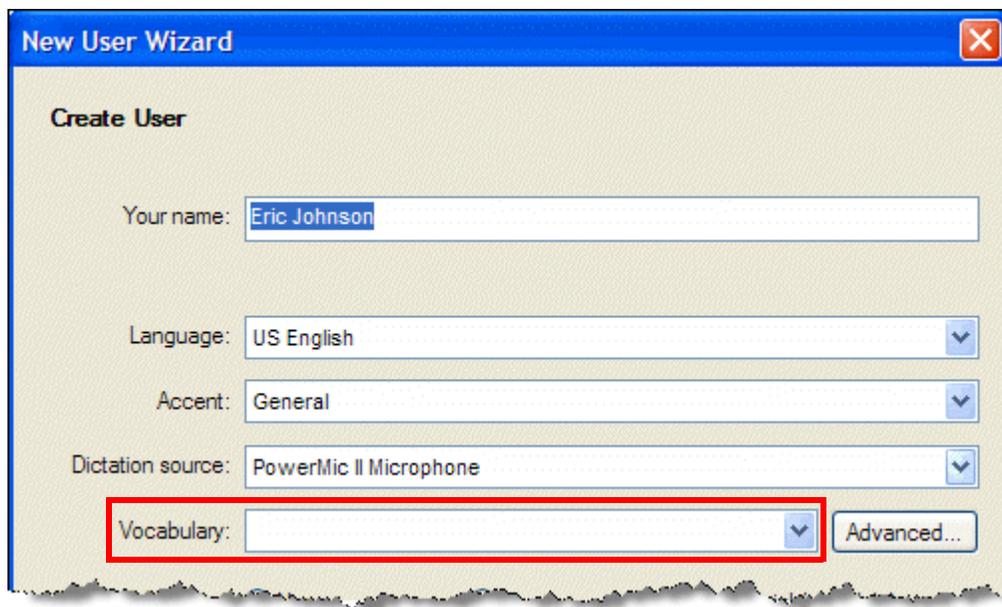
Changes on the Options > Data Tab

The default value for **Disk space reserved for playback** is now **100** instead of **40**.



New User Wizard Changes

- The **Vocabulary** list in the **New User Wizard** no longer has a default vocabulary selected. You must choose a vocabulary from the list before clicking **Next** on this first page of the **New User Wizard**.

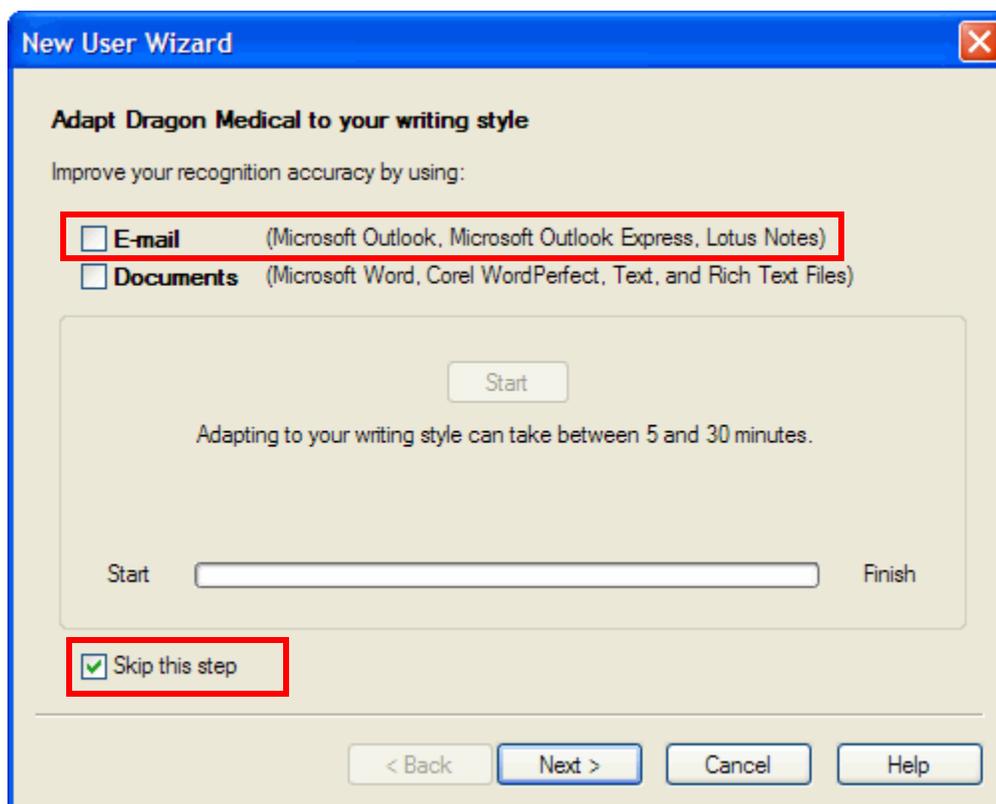


- The **E-mail** checkbox is no longer selected by default on the **Adapt Dragon Medical to Your Writing Style** page of the **New User Wizard**.



Note: The **E-mail** checkbox is not selected by default when adding a new vocabulary.

- The **(Not recommended)** text has been removed from the **Skip this step** checkbox on this page.



Known Issues Resolved in Dragon Medical 10.1 (for Providers)

- Custom words are no longer added when the **Automatically add words to the vocabulary** option (**DragonBar > Options > Correction** tab) is selected.
- When dictating in Outlook 2007, the message no longer scrolls down after every line of dictation.
- When you save a user profile after an unsuccessful word adaptation attempt, the profile remains intact and is not corrupted.
- *Dragon Medical* now functions properly when you capitalize a portion of a word.
- The **“Delete <word>”** command now adjusts the spacing properly.

- Extra space is now removed after using the “**Cut (or Delete) previously selected word**” commands.
- *Dragon Medical* no longer returns an unexpected value after you use the “**Compound That**” voice command.
- Words corrected using the **Spell** dialog box are no longer marked with a green asterisk in **Vocabulary Editor**. A green star next to a word indicates that the word has been moved from the *backup* dictionary to the *active* vocabulary due to a correction.
- Text is no longer deleted after dictating the “**period**” voice command.
- The hot keys for **Force command recognition (Ctrl)** and **Force dictation recognition (Shift)** now work properly when you are in **Hidden Mode**.
- After transcribing an audio file, your microphone automatically is placed in the **Sleep** mode.
- The **Spell** mode now provides proper spacing between characters.
- **Hidden Mode** voice commands now work properly even when they are also assigned as **User Commands** in the *PowerMic II* tab in **Options**.
- The “**Clear Variable Delimiters**” voice command now works properly in a Word document that contains fields within a table.
- The **Results Box** now works properly while dictating in Microsoft Word 2003.
- The **Esc** key now closes the **Correction** dialog box regardless of the **Automatic playback on correction** option setting.
- The “**Scratch That**” voice command now works properly when the **Caps lock key overrides capitalization commands** option (**DragonBar > Formatting > General** tab) is selected and the Caps Lock key is on.
- Voice command names that contain the abbreviation “**Dr.**” are now recognized.
- When creating a new user, you no longer receive an exception access violation (c0000005).
- After enabling capitalization, it now remains turned on when using either your keyboard or mouse.