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## What’s New in PowerScribe ${ }^{\circledR}$ Workstation Version 4.8

PowerScribe ${ }^{\circledR}$ Workstation version 4.8 introduces several new features, including several new voice commands, new features in the Diagnosis Code dialog box, access to Vocada ${ }^{\text {TM }}$ Veriphy ${ }^{\text {TM }}$ and Amirsys ${ }^{\circledR}$ STATdx ${ }^{\mathrm{TM}}$, as well as support for the most current Microsoft ${ }^{\circledR}$ operating systems and Web browser.

## This What's New document contains:

- An Overview, below.
- Brief descriptions of the New Features for PowerScribe ${ }^{\circledR}$ Workstation 4.8, beginning on page 3.
- Detailed Step-by-Step Instructions, beginning on page 10.


## Overview

The following features have been added to PowerScribe Workstation for version 4.8:

- The Radiology Language Model (LM) has been updated.
- The latest ICD-9 codes have been added to the system.
- Additional Microsoft ${ }^{\circledR}$ Windows ${ }^{\circledR}$ operating systems are now supported.
- For customers using the Windows XP Professional x64 operating system, a new COM port driver that supports the scanning feature of the PowerMic I is included on the PowerScribe Workstation installation CD.
- Microsoft Internet Explorer ${ }^{\circledR} 7.0$ is now supported.
- The Broadcast Monitor, Log Monitor, and Log Viewer have been removed from the Administrator module.
- A setting is now available that allows providers to manually initiate a preliminary upload by using the new Prelim button.
- A new parameter is available to control the behavior of the Workflow drop-down menu.
- Vocada ${ }^{\mathrm{TM}}$ Veriphy ${ }^{\mathrm{TM}}$, a critical results notification service, is now supported.
- Amirsys ${ }^{\circledR}$ STATdx ${ }^{\mathrm{TM}}$, a point-of-care decision support system, is now supported.
- The default column headings in the code field entry list that appear in the Diagnosis Code dialog box (in the Dictation/Correction Client) are now customizable.
- New voice commands allow providers to insert dates for today and yesterday.
- A new column in the Reports list (in the Dictation/Correction client) indicates whether codes have been added to a report.
- Several enhancements to the Diagnosis Codes feature in the Dictation/Correction Client are now supported:
- You can now use voice commands to open and close the Diagnosis Code dialog box.
- A new button in the Diagnosis Code dialog box now allows you to sign or approve a report and close the Diagnosis Code dialog box simultaneously.
- You can add a code to a report by using a voice command.
- The codes can now be sorted by code description, rather than only by the code itself.


## New Features for PowerScribe ${ }^{\circledR}$ Workstation 4.8

New features in PowerScribe Workstation 4.8 include:

- What's New for System Administrators
- What's New for Providers

Procedures associated with these new features are fully described in Step-by-Step Instructions, beginning on page 10 .

## What's New for System Administrators

## General

## Update to the Radiology Language Model (LM)

In order to improve speech recognition accuracy, the Radiology Language Model has been updated by our engineering team.

## ICD-9 Codes Updated

The latest version of the ICD-9 codes are included in this version of PowerScribe Workstation.

## Support for Additional Microsoft Operating Systems

PowerScribe Workstation 4.8 now supports the following Microsoft Windows operating systems:

- Microsoft Windows 2003 Server R2
- Microsoft Windows XP Professional x64 Edition


## New Driver for XP Professional x64 Workstations

For customers using the Windows XP Professional x64 operating system, a new COM port driver that supports the scanning feature of the PowerMic I is included on the PowerScribe Workstation installation CD. Use this driver to update your XP Professional x64 computers running PowerScribe Workstation or PACS software.

You can also find this driver by going to http://www.ftdichip.com/Drivers/VCP.htm and clicking the 2.02.04 driver version link.

## Support for Microsoft Internet Explorer 7

PowerScribe Workstation 4.8 now supports Microsoft Internet Explorer 7 running on the operating systems listed in the following table.

| Microsoft Internet Explorer 7: <br> Supported Operating Systems | PowerScribe Workstation Clients <br> that Support Internet Explorer 7 |
| :--- | :--- |
| Microsoft Windows XP Service Pack 2 (SP2) | All clients |
| Microsoft Windows XP Pro x64 Edition | All clients |
| Microsoft Windows 2003 Server Service Pack 1 (SP2) | All clients |

## Custom Crystal Reports and System Upgrades

Before upgrading to a newer version of PowerScribe Workstation, customers need to make Nuance service/support aware of any custom Crystal Reports they have created.

## PowerScribe Workstation Application Programming Interface (API)

No changes have been made to the PowerScribe Workstation API in version 4.8.

## PREP Partner Information

PREP is the acronym for PACS/RIS Extension Partnership. The PREP Partner program is a marketing and development partnership supported by Nuance/Dictaphone to support desktop integration between PowerScribe Workstation and other applications.

Our PREP desktop integration partners have already been notified about version 4.8 and the fact that no API changes have been made in this release.

## Administrator Application

## Monitors Button

The Broadcast Monitor, Log Monitor, and Log Viewer have been removed.

## System Button

## Parameter Editor: Manual Preliminary Upload

A new parameter, labeled Allow manual preliminary upload is available if you want to provide this function to your providers. When this function is enabled, a Prelim button is available through which providers can initiate a preliminary upload. Essentially, this is a "save and upload" function. When the provider clicks this button, it initiates a save, adds the report to the queue for upload, and closes the report.

The default setting for this parameter is OFF. To enable this function, change the parameter setting to ON. Refer to Parameter Editor: Configuring the Preliminary Upload Button, beginning on page 10, for more information.

## Parameter Editor: Controlling the Behavior of the Workflow Drop-Down Menu

Based on a system-wide parameter, the workflow that providers use on their next dictation will be either their default workflow or the one they most recently chose from the Workflow drop-down menu in the PowerScribe Workstation Dictate/Correction Client application. Refer to Parameter Editor: Controlling the Behavior of the Workflow DropDown Menu, beginning on page 11, for more information.

## Parameter Editor: Vocada ${ }^{\text {TM }}$ Veriphy ${ }^{\text {TM }}$ Support

Vocada Veriphy is a market-leading enterprise solution for Critical Test Result Management (CTRM). New settings to support this feature have been added to the PowerScribe Workstation Administrator application. Vocada Veriphy is a hosted service and requires a PowerScribe Workstation license and a subscription to the Vocada Veriphy service for the integration. Refer to Parameter Editor: Vocada Veriphy Configuration, beginning on page 12, for information on these settings.

## Parameter Editor: Amirsys ${ }^{\circledR}$ STATdx ${ }^{\text {TM }}$ Support

STATdx is a leader in point-of-care differential diagnostic decision support in imaging. STATdx can also be used by providers as a reference tool. New settings to support this feature have been added to the PowerScribe Workstation Administrator application. This feature requires purchasing concurrent site licenses from Amirsys for users at your site. Refer to Parameter Editor: STATdx Configuration, beginning on page 16, for information on these settings.

## Coding Manager Application

## Editing the Diagnosis Code Dialog Box

## Customizable Column Headings

You can now customize the column headings in the diagnosis code field entry list. Refer to Customizing Column Headings, beginning on page 18, for information on this topic.


## Coding Dialog Box Sorting Types

You can now control the sort order for the list of diagnosis codes. Two new parameters have been added to the Parameter Editor:

- Coding window sorting - Enter yes or no to sort or not sort by description.
- Coding window sorting type - Enter ascending or descending to select the sort order.


## What's New for Providers

## Dictation Client or Correction Client Application

## Manual Preliminary Upload

The new manual preliminary upload function is available to give providers and residents the ability to hold a report in their queue prior to approval so they can review it with their attending. If this function is enabled at your facility, a Prelim button is available for your use. Clicking this button initiates a "save and upload" function during which the report is saved, added to the queue for upload, and closed.

## New Voice Commands for Dates

Providers now have an easy way to insert dates for today and yesterday into their reports. For example, if today is April 10th, 2007:

- Dictating "Dictaphone today" (or "PowerScribe today") inserts April 10, 2007.
- Dictating "Dictaphone yesterday" (or "PowerScribe yesterday") inserts April 9, 2007.

Note: If date formats have been customized in an Auto Format Customization Profile, that is the format displayed.

## Report Code Indicator (in Dictation/Correction Client only)

The Reports List in the Dictation/Correction Client now displays a column labeled $\mathbf{C}$ immediately to the left of the Addendum column. An asterisk appears in this column next to any report to which you have added at least one code. If a report has multiple orders and only some are coded, the report is considered not to be fully coded and no asterisk appears in the $\mathbf{C}$ column.


## Workflow Drop-Down Menu

Based on a system-wide parameter, the workflow that you use on your next dictation is either your default workflow or the one you most recently chose from the Workflow drop-down menu in the PowerScribe Workstation Dictate/Correction Client application. Talk to your administrator to see how your system is set up.

## Vocada ${ }^{\text {rTM }}$ Veriphy ${ }^{\text {m" }}$

You can now create a critical alert or unexpected finding audio message within the PowerScribe Workstation Dictation/Correction Client application. This audio message is then transmitted through Vocada Veriphy to any referring providers associated with a report. If no providers are associated with the report, you can choose from a list of providers to whom you want to send the audio message. Refer to Accessing Vocada Veriphy from PowerScribe Workstation, beginning on page 19, for detailed information.

## Amirsys ${ }^{\circledR}$ STATdx ${ }^{\text {TM }}$

Radiologists can now automatically log into their STATdx account from within the PowerScribe Workstation Dictation/Correction Client application. Refer to Accessing STATdx from PowerScribe Workstation, beginning on page 22, for detailed information.

## Diagnosis Code Dialog Box

## Using Voice Commands to Open the Diagnosis Code Dialog Box

When a document with at least one order associated with it is open, you can use a voice command, "View coding" or "Open coding," to open the Diagnosis Code dialog box.

## Adding Codes to a Report

When the Diagnosis Code dialog box opens, the appropriate code group for the report appears on the Diagnosis Groups tab at the bottom of the dialog box. You can use codes from that group, or you can enter other valid codes.
You can add multiple codes for each exam associated with the current report. You can either use a code from the currently displayed code group, or you can search for a code on the Code Lookup tab.
You can add a code by saying the code followed by "Add," "Enter," "Next item," "Tab," or other voice commands. Refer to Adding Codes to a Report on page 25 for information on using voice commands to add codes.

## Signing or Approving the Report from the Coding Dialog Box

A new button appears in the Diagnosis Code dialog box. The new button allows you to save your coding, close the dialog box, and finish the report in one step.
If you are an attending physician, the new button reads Sign; if you are a resident, it reads Approve; if you are a transcriptionist/editor, it reads Finish.


## Using Voice Commands to Close the Diagnosis Code Dialog Box

You can use voice commands to sign or approve a report and close the Diagnosis Code dialog box. You can:

- Say "OK" to save your changes and close the dialog box.
- Say "Cancel" to close the dialog box without saving your changes.
- If you are an attending physician, say "Sign report" to save your changes, close the dialog box, and start the normal signature process.
- If you are a resident, say "Approve report" to save your changes, close the dialog box, and start the normal approval process.


## Step-by-Step Instructions

This section includes:

- Step-by-Step Instructions for Administrators
- Step-by-Step Instructions for Providers


## Step-by-Step Instructions for Administrators

## Administrator Application

## System Button

Parameter Editor: Configuring the Preliminary Upload Button
When this function is enabled, a Prelim button is available through which providers can initiate a preliminary upload.

The default setting for this parameter is OFF. To enable this function, change the parameter setting to $\mathbf{O N}$.

## To set the Preliminary Upload Parameters:

1. Open the PowerScribe Workstation Administrator application.
2. On the Administrator main page, click the System button on the left side of the dialog box.
3. Click the Parameter Editor icon.
4. In the System category, find the Allow Manual Preliminary Upload parameter and choose either Yes or No, depending on your site's requirements.


## Parameter Editor: Controlling the Behavior of the Workflow Drop-Down Menu

Based on the setting of a system-wide parameter called Persist Workflow Change, the workflow that providers use on their next dictation is either their default workflow or the one they most recently chose from the Workflow drop-down menu in the PowerScribe Workstation Dictation/Correction Client application.

When creating and configuring users in the PowerScribe Workstation system, you assign each user a default workflow (Administrator Application > Users button > Users icon $>$ Author tab). The following illustration shows a portion of this dialog box with the Default Workflow list opened.


When providers are in the Dictation/Correction Client application, and they are about to begin a dictation, they can use their default workflow, or they can choose a workflow from the list similar to the one shown below.

| CNone> |
| :--- |
| coding test 1 |
| coding test 2 |
| Path STE |
| Rad STE |
| Self Correct |
| Send to Editors |
| Workflow:Self Correct |

If they choose a workflow other than their default workflow, one of two things will happen after they complete the dictation, depending on how the workflow persistence parameter is set:

- With this parameter set to Yes, the system keeps the provider's most recent workflow choice.
- With this parameter set to No, the system resets the workflow to the provider's default workflow.


## To set the Persist Workflow Change parameter:

1. Open the PowerScribe Workstation Administrator application.
2. On the Administrator main page, click the System button on the left side of the dialog box.
3. Click the Parameter Editor icon.
4. In the System category, find the Persist Workflow Change parameter and choose either Yes or No, depending on your site's requirements.
人 Note: The Persist Workflow Change parameter defaults to Yes.

## Parameter Editor: Vocada Veriphy Configuration

The Vocada integration notifies a patient's physician when unexpected or critical results are found during the radiology interpretation. Before the providers can use this feature, the following steps must be completed.

## To configure the Veriphy integration parameters:

1. Open the PowerScribe Workstation Administrator application.
2. On the Administrator main page, click the System button on the left side of the dialog box.
3. Click the Parameter Editor icon. Then click the Veriphy category.

4. Configure, or verify, the following parameters shown in the table below:

| PowerScribe Workstation Parameter | Value/Data |
| :--- | :--- |
| Enable Veriphy Integration | Yes enables sending audio messages to referring <br> physicians; No disables the integration |
| Veriphy CustomerID | Assigned by Veriphy |
| Veriphy Default Providers (selects the <br> types of providers who will automatically <br> be populated in the client list when the <br> Veriphy button is pressed) | $\mathbf{D}=$ Disabled; $\mathbf{E}=$ Everyone; $\mathbf{R}=$ Referring; <br> $\mathbf{A}=$ Attending; $\mathbf{O}=$ Ordering; $\mathbf{C}=$ Consulting <br> $(\mathbf{R}, \mathbf{A}, \mathbf{O}$, and $\mathbf{C}$ can be combined as RA, RO, RC, AO, <br> $\mathbf{A C}$, or $\mathbf{O C})$ |
| Veriphy Security ID | Assigned by Veriphy |
| Veriphy server URL | URL for accessing the Veriphy Web service |

5. Remember that the Veriphy integration requires a PowerScribe Workstation license and a subscription to the Vocada Veriphy service in order for the integration to operate properly.

## Assigning the Vocada Veriphy IDs

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Note: Before messages can be sent from radiologists to referring, attending, or consulting providers using Vocada Veriphy, both the radiologists and the providers must have a valid Vocada identification number assigned to them. A list of valid ID numbers will be provided to you by Vocada.

In order to use the Vocada Veriphy feature, administrators must assign a Vocada Veriphy identification number to each radiologist (on the User tab) and to each attending, referring, or consulting provider (on the Telephony tab). You can assign a Vocada ID when you create new users, or you can edit an existing user to add the ID.

## To assign a Vocada Veriphy ID to your radiologists:

1. Open the PowerScribe Workstation Administrator application.
2. On the Administrator main page, click the Users button on the left side of the dialog box.
3. Click the Users icon.
4. Click the user for whom you want to add a Vocada ID.
5. Click the Edit button. The User Properties dialog box appears.
6. Click the Author tab for the user.
7. In the Options section of the dialog box, enter the Vocada Veriphy User ID number.

8. Click OK to complete this task.

To assign a Vocada Veriphy ID to your attending, referring, and consulting providers:

1. Open the PowerScribe Workstation Administrator application.
2. On the Administrator main page, click the Telephony button on the left side of the dialog box.
3. Click the Providers icon.
4. Click the provider for whom you want to add a Vocada ID.
5. Click the Edit button. The Provider Info dialog box appears.

6. Enter the Vocada Veriphy Provider ID number.
7. Click $\mathbf{O K}$ to complete this task.

## Parameter Editor: STATdx Configuration

The Amirsys STATdx integration allows radiologists to initiate a login to STATdx while in the Dictation/Correction Client application. Before the providers can use this feature, the following steps must be completed.

## To configure the STATdx integration parameters:

1. Open the PowerScribe Workstation Administrator application.
2. On the Administrator main page, click the System button on the left side of the dialog box.
3. Click the Parameter Editor icon.
4. In the System category, find and configure, or verify, the following parameters shown in the table below:

| PowerScribe Workstation Parameter | Value/Data |
| :--- | :--- |
| Enable STATdx Integration | Yes enables the integration; No disables the integration |
| STATdx Group ID | Assigned by Amirsys |
| STATdx SubDomain | Assigned by Amirsys |
| STATdx Vendor ID | Assigned by Amirsys |

Note: Remember that you must purchase concurrent licenses from Amirsys to access their STATdx system.

Note: In addition, you must provide Amirsys with a range of IP addresses for login authentication at their hosted site.

## Parameter Editor: Sorting Diagnosis Codes

The two new parameters that allow you to control the sort order for the list of diagnosis codes have been added to the Parameter Editor. These are:

- Coding window sorting - Set this to $\mathbf{Y}$ to allow sorting by code description, rather than sorting by the code itself. Set this parameter to $\mathbf{N}$ to provide for sorting only by the code.
- Coding window sorting type - Set this to ASC to sort the code descriptions in ascending order. Set this to DESC to sort the code descriptions in descending order.


## To enable diagnosis code sorting:

1. Open the Parameter Editor of the Administrator application by selecting the Parameter Editor icon in the left panel.
2. Select Coding from the list of Categories.

3. Select the parameter Coding window sorting when you want to enable or disable sorting of the diagnosis codes.
4. In the New Value field, enter $\mathbf{Y}$ to enable coding or enter $\mathbf{N}$ to disable coding.
5. Select the parameter Coding window sorting type to select the sort order of the diagnosis codes.
6. In the New Value field, enter ASC to have the diagnosis codes sorted in ascending (A to Z ) order or enter DESC to have the diagnosis codes sorted in descending ( Z to A ) order.
7. Click Apply. The sorting is activated the next time you $\log$ in to the Dictation or Correction Client applications.

## Coding Manager Application

## Diagnosis Code Dialog Box

## Customizing Column Headings

By default, the column headings for the code columns in the Diagnosis Code dialog box (in the Dictation/Correction client) are labeled Diag Code. You can change the text of the column headings. Any changes take effect the next time you log on. The customized column headings appear only on the screen and do not appear on any reports or in an HL7 upload. The columns are not resizable; column headings can contain up to ten characters.

## To rename column headings:

1. Open the Coding Manager application.
2. On the Coding Manager main page, click the Configuration tab. You will see a maximum of ten numbered rows representing code field columns; the number shown depends on the maximum number of codes per exam. Refer to your Coding Manager Help system for information on how to set the maximum.

3. The default heading for each column is Diag Code. To change a column heading, select the cell containing the heading label and type the new label. The label can contain up to ten characters. No column header can be blank.
4. Click Apply. The changes appear the next time you $\log$ in to the Dictation or Correction Client application.

## Step-by-Step Instructions for Providers

## Dictation Client or Correction Client Application

## Manual Preliminary Upload

To initiate a manual preliminary upload:

- When you finish your report, click Prelim.

The report is saved, added to the queue for upload, and closed. The report is held in the queue so residents can review it with their attending prior to approval.

## Accessing Vocada Veriphy from PowerScribe Workstation

Veriphy provides a service that notifies referring, attending, ordering, or consulting providers when unexpected or critical results are found during a radiology interpretation. You can create an audio message while in PowerScribe Workstation, and transmit that message through Veriphy to the referring or other providers. The message recipients are notified by pager, phone, and/or e-mail that an audio message needs their attention. They can then call a secure phone line to play back the message.

## To use Veriphy while dictating or reviewing in PowerScribe Workstation:

1. From either the Orders tab or the Reports tab, select the report to which you want to attach the audio message. You can send a Veriphy notification on either signed or unsigned (before recognized text appears) reports.

Note: The report you choose must have at least one order associated with it.
2. Click the Veriphy button at the bottom of the screen (the lower portion of a dictation screen is shown in the following illustration).

Note: If you have a PowerScribe Workstation Self-Edit license (that is, if you edit your own reports), you can dictate "Vocada Veriphy" instead of clicking the button.

Note: If you are on the Reports tab, you can right-click on a report and choose Veriphy from the shortcut menu.


The Veriphy - Webpage Dialog box appears.


Depending on how your system is set up, the names of either the Attending, Ordering, Referring, or Consulting provider, or some combination of those roles, will appear in the Persons to Notify list.

Note: If the Veriphy ID Status column displays an $\boldsymbol{N}$ instead of a $\boldsymbol{Y}$, that person has not been assigned a Veriphy identification number. Contact your PowerScribe Workstation system administrator and request that they assign an ID to the provider.
3. The Findings: drop-down list allows you to choose a severity level of either Red, Yellow, or Orange for your message, with Red having the highest severity level. (These values can be configured by Vocada Veriphy to meet with a site's existing standards.)
4. You will use your PowerMic to create and edit the recording. However, the controls that appear below the words Dictate Message: (from left to right, Rewind, Fast Forward, Play, Stop, and Record) allow you to move through your recording as well.
5. If you need to include additional providers for notification, continue with Step 6 . If you are ready to dictate your message now, go to Step 9 .
6. To add a name for notification, click Add to display the Veriphy Provider Search dialog box.

7. Enter the last name of the provider whose name you want to add and click Find. If you are not sure of the provider's name, enter the percentage sign (\%) in the Last Name field and click Find to show all providers.
8. Highlight the provider's name and click OK. The search dialog box closes and the provider's name is added to the Persons to Notify list.
9. To begin dictating your audio message, press and hold (or press and release, depending on your user preference settings) the Dictate button on your PowerMic and dictate your message.
10. To hear the message you dictated, press the Rewind button on your PowerMic, then press and hold the Play button.
11. When you are satisfied with your message, click Send. You will see a screen that tells you PowerScribe is sending the message to Veriphy. The Cancel button on this screen will stop sending the message if more than one provider is in the list (after the system finishes sending the message to the provider it is currently contacting).
12. A notification is sent to all the providers that were in your Persons to Notify list. These providers will then be able to call in a secure phone line and hear your message.

## Accessing STATdx from PowerScribe Workstation

Note: Access to STATdx requires a license from Amirsys, the company who develops STATdx. Check with your PowerScribe Workstation system administrator to find out if your organization has this license.
STATdx is a leader in point-of-care differential diagnostic decision support in imaging. Radiologists can now log in to STATdx directly from the PowerScribe Workstation
Correction/Dictation Client application. This ability helps streamline the workflow between these two applications.
The following list explains how to access STATdx and describes the available features.

- Right-click in the report body and select STATdx from the shortcut menu that appears.


Note: If you have a PowerScribe Workstation Self-Edit license (that is, if you edit your own reports), you can use the voice command "STATdx" to launch STATdx.

- A new Internet Explorer window opens and automatically logs you in to STATdx.

- STATdx searches on text you select within a report. For example, select a specific term or phrase before you access STATdx. Then right-click and select STATdx from the shortcut menu (or use the "STATdx" voice command). The Internet Explorer window opens and STATdx automatically begins a text search based on the text you had highlighted in the report.

Note: In the illustration above, the words "thoracic spine" were selected before accessing STATdx. These words were placed in the Text Search field, allowing STATdx to come up with the results shown in the Diagnoses and Imaging Anatomy sections.

- You can dictate your reports even when the STATdx window is the active window.


## Using Voice Commands in the Diagnosis Code Dialog Box

Opening the Diagnosis Code Dialog Box with Voice Commands
To open the Diagnosis Code dialog box with a voice command:

1. Open a report that has at least one order associated with it.
2. Say "View coding" or "Open coding." The Diagnosis Code dialog box opens.

## Signing or Approving a Report from the Diagnosis Code Dialog Box

Attending physicians and residents can now sign or approve a report directly from the Diagnosis Code dialog box without first returning to the report.
To sign or approve a report from the Diagnosis Code dialog box:

1. From the report, open the Diagnosis Code dialog box by pressing F8 or by saying "View coding" or "Open coding."
2. Select the appropriate codes for the report following the procedures on page 25.
3. When you have finished selecting codes, click Sign or Approve. The label that appears on the button depends on whether you are an attending physician or a resident. The illustration below shows the Sign button.


The changes you made in the Diagnosis Code dialog box are saved, the dialog box closes, and the normal signature or approval process begins.

## Adding Codes to a Report

In previous versions of PowerScribe Workstation, you added codes to a report by typing a code into a code field, by scanning a bar code, by double-clicking a code, or by selecting a code and clicking Assign. In addition to these methods, you can now select codes by using voice commands.

## To add a code using voice commands:

1. Place the insertion point in a code field to open it for editing. Use any of these methods to position the insertion point:

- Click on the code field.
- Press the Tab key repeatedly until the insertion point is in the desired field.
- Say "Tab" repeatedly until the insertion point is in the desired field.


2. Dictate the code you want to use. If necessary, use the Code Lookup tab to search for the appropriate code.

- You can use the military alphabet to insert letters.
- You can dictate pairs of numbers, for example, as "two eight" or "one six" or as "twenty-eight" or "sixteen."
- To pronounce letter-number pairs, such as A7, you must insert a slight pause between the letter and number.
- Say "Dash," "Hyphen," or "Point" to insert the corresponding characters.
- Say "Backspace" to delete one character to the left of the insertion point.
- To remove the entire code from the field, say "Clear all."

As you dictate, the code appears in the code field.

3. Say "Add" or "Enter" if you want to accept the code and leave the current field open for editing, or say "Next Item" or "Next Field" if you want to accept the code and open the next code field.
If the code you dictated is not in the diagnosis group but is a valid code, the code text appears red and the current field remains open for editing.

If the code is not valid, an "Invalid Code" message box opens.
4. When you have finished adding codes to the report, you can close the coding dialog box and return to the report. Attending physicians and residents can sign and approve the report directly from the Diagnosis Code dialog box by following the procedures on page 24.

## Navigation Within the Diagnosis Code Dialog Box

Click to move from the diagnosis code entry list at the top of the dialog box to the Diagnosis Groups or Code Lookup tab at the bottom or vice versa.
Click to move from the Diagnosis Groups tab to the Code Lookup tab or vice versa.

## Navigation Among Diagnosis Code Entry Fields with Voice Commands

Say "Next field" or "Previous field," or say "Next item" or "Previous item." If the code in the current field does not prompt an error or warning message, the insertion point moves to the field you indicated and that field is opened for editing. If necessary, the columns shift to the right or left to make the field visible.

## Closing the Diagnosis Code Dialog Box with Voice Commands

You can use voice commands to sign or approve a report and close the Diagnosis Code dialog box.

## To close the Diagnosis Code Dialog Box with voice commands:

- Say "OK" to save your changes, close the dialog box, and return to the report.
- Say "Cancel" to close the dialog box without saving your changes.
- If you are an attending physician, say "Sign report" to save your changes, close the dialog box, and start the normal signature process.
- If you are a resident, say "Approve report" to save your changes, close the dialog box, and start the normal approval process.

