

# What's New in Dragon<sup>®</sup> Medical 10?

More efficient, higher quality, profitable care.

## Dragon Medical 10

### MORE ACCURATE THAN EVER

(ALL MEDICAL EDITIONS)

*Up to 20% more accurate "out of the box."*

Dragon Medical 10 delivers on what matters most in speech recognition: accuracy. Version 10 offers accuracy levels that are unrivaled in speech recognition, up to 20% more accurate speech recognition "out-of-the-box" than Version 9. Dragon Medical users gain the added benefit of avoiding spelling errors and typing mistakes. In fact, the product actually learns from your corrections over time, making dictation a more natural and satisfying experience. Dragon Medical 10 is over 38% more accurate than Dragon Professional 10 in clinical settings.

### FASTER THAN EVER (ALL MEDICAL EDITIONS)

*Significant improvement of response time. More than 50% reduction of latency time (delay) for fast speakers.*

Compared to Version 9, Dragon Medical 10 delivers a significant improvement in response time. Fast speakers will observe more than a 50% reduction in the time it takes for words to appear on the screen. Since some speakers pause in their dictation to watch the results, having words appear on the screen sooner facilitates a more seamless dictation experience. Most people speak about 120 words per minute, but type fewer than 40 words a minute. Dragon Medical 10 lets users create documents about three times faster than typing by hand!

### 64-BIT SUPPORT FOR WINDOWS VISTA

—IN VERSION 10.1 (ALL MEDICAL EDITIONS)

Dragon Medical provides 64-bit operating system support, running on Windows Vista 64-bit operating systems. (Dragon 10.1 does not support Windows XP 64-bit operating systems.)

### ELECTRONIC HEALTH RECORD SUPPORT

(ALL MEDICAL EDITIONS)

*Medical professionals can navigate and dictate inside third-party EHR application software.*

Dragon Medical 10 accelerates physician adoption of electronic medical record (EHR) software by allowing clinicians to navigate an EHR by voice. Dragon also allows doctors to dictate medical decision-making – history of the present illness, review of systems, assessment, and plan – directly into EHR systems such as Epic<sup>®</sup>, Allscripts<sup>®</sup>, Cerner<sup>®</sup>, GE<sup>®</sup>, NextGen<sup>®</sup>, Eclipsys<sup>®</sup>, McKesson<sup>®</sup> and eClinicalWorks<sup>®</sup>, eliminating transcription and ensuring more complete clinical documentation.

### UPDATED EPIC AND CERNER SUPPORT

—IN VERSION 10.1 (ALL MEDICAL EDITIONS)

Dragon Medical offers Epic and Cerner users an even better experience than 10.0 as it's fully compatible with text boxes of existing Cerner PowerNote<sup>™</sup> releases.

### DRAGON VOICE SHORTCUTS FOR EMAIL AND CALENDAR (ALL MEDICAL EDITIONS)

*Dragon Voice Shortcuts collapses common multi-step tasks into direct voice commands. Now you can send emails and schedule meetings – faster than ever.*

At any time, no matter what application is active on your screen, you can automatically create and address an email. For example, if you're reviewing a website and you need to send an email to colleagues, just say, "Send email to Dr. John Smith and Dr. Raphael Sanchez," and Dragon will activate your email program, create a new email and put the contact names you've said into the "To:" box.



## What's New in Dragon® Medical 10?

Need to schedule a meeting? Just say, "Schedule meeting with Dr. John Smith and Dr. Raphael Sanchez," and Dragon jumpstarts the process by opening a new calendar entry in Outlook and adding to it the selected contact(s). You can also say, "Schedule appointment with Clinical Review Team" using existing contact lists.

### DRAGON VOICE SHORTCUTS FOR WEB SEARCH (ALL MEDICAL EDITIONS)

*Dragon Voice Shortcuts collapses common multi-step tasks into direct voice commands. Now you can search the Web for information, products, news and more – faster than ever.*

Dragon Voice Shortcuts make searching the Web faster and easier. Just say commands containing your desired

search words, such as "Search the Web for Wellbutrin® contraindications" or "Search maps for CVS Pharmacy® in Burlington 01803," and Dragon Medical 10 will use the default search engine and Web browser to enter your dictated term(s) in the search field and return the results. Thanks to Google's™ "I'm Feeling Lucky" search, you can also get the top-ranked site directly, by saying, "Find a site about health maintenance for diabetes."

You may also search specific sites directly for videos, images, news, articles and products using commands such as "Search Wikipedia® for outpatient cancer clinics," or "Search eBay® for Bluetooth® headsets." Sites supported by Dragon Voice Shortcuts include Google, Yahoo®, eBay®, Wikipedia, YouTube®, about.com®, and more.

Command Type	Example Command	What Happens
Search the Web (default search engine)	"Search the Web for Wellbutrin Contraindications"	Your default Web browser opens and displays the results of the default search engine on the given keywords.
Search specific Web sites	"Search eBay for asthma nebulizer"	Your default Web browser opens and displays the results of searching eBay for the given keyword(s). Dragon Medical 10 supports this feature for the following Web sites: <ul style="list-style-type: none"> <li>• eBay • Amazon.com® • About.com • Answers.com®</li> <li>• Creative Commons™ • Wikipedia • YouTube</li> </ul>
Find the top website from Google's "I'm feeling lucky"	"Find a site about diabetes prevention"	Your default Web browser opens and displays Google's top-ranked page for the given keyword(s).
Search the Web with a specific search engine	"Search Yahoo for local Walgreens pharmacy"	Your default Web browser opens and displays Yahoo's search results for the given keywords. Dragon Medical 10 supports this feature for the following search engines: <ul style="list-style-type: none"> <li>• AltaVista™ • AOL Search® • Ask.com® • Google • Yahoo!</li> <li>• Microsoft® Live Search</li> </ul>
Search the Web for a specific type of information	"Search video for instructions on wound repair."	Your default Web browser opens and displays the results of a search on the given keywords in your default search engine's video category. Valid search categories are: <ul style="list-style-type: none"> <li>• Search (images   pictures   photos) for &lt;XYZ&gt;</li> <li>• Search (video   movies) for &lt;XYZ&gt;</li> <li>• Search (news   events) for &lt;XYZ&gt;</li> <li>• Search (products   shops) for &lt;XYZ&gt;</li> <li>• Search (maps   places) for &lt;XYZ&gt;</li> </ul>



## What's New in Dragon® Medical 10?

### NEW MEDICAL SEARCH COMMANDS —IN VERSION 10.1

(MEDICAL & MEDICAL ENTERPRISE ONLY)

Dragon Medical 10.1 offers multiple voice shortcuts for searching medical information the web. Physicians can now search medical data via a single command on WebMD®, UpToDate®, PubMed™ and ICD9. These commands can be said at any time without even having an internet browser open. These commands combine multiple clicks into one fast command for the busy physician. Simply say "Search UpToDate for Wellbutrin contraindications" and Dragon Medical and UpToDate take you there.

### DRAGON VOICE SHORTCUTS FOR DESKTOP SEARCH (ALL MEDICAL EDITIONS)

*Dragon Voice Shortcuts collapses common multi-step tasks into direct voice commands. Now you can search your computer —faster than ever.*

Dragon Medical 10 introduces commands to search your computer as directly as the Web, by dictating the word(s) to find in documents, emails and Web-browsing history. For example, you can say, "Search computer for EHR project plan" and Dragon will complete the search using Google Desktop or Windows Vista® desktop search. In addition, commands such as "Find an email about the Johnson MRI" directly open the top email containing the dictated keywords. Searching your computer has never been faster — or easier.

### NEW UI LOOK AND FEEL (ALL MEDICAL EDITIONS)

*Updated icons are intuitive and easy to see.*

Dragon Medical 10 introduces new graphical icons to enhance the DragonBar user interface, including a larger microphone icon, making the product easier to use.

### QUICK VOICE FORMATTING ("Delete | Copy | Bold | Underline | Italicize <XYZ>" commands)

(ALL MEDICAL EDITIONS)

*Delete, bold, underline, italicize, and copy text — faster than ever.*

In addition to the many existing editing commands such as "Delete line", Dragon Medical 10 introduces direct commands for formatting, deleting, and copying named words and passages. Rather than selecting the relevant word(s) or passages and commanding what to do with that text (e.g., "Select very, [pause] Bold that"), you can now directly name the desired text with the desired action in a single voice command, such as "Bold very." Just like in the familiar "Select <XYZ>" commands, you can even designate a whole passage by quoting its first and last word(s):

To...	Say...
<b>DELETE</b> the specified text or a range of text.	<ul style="list-style-type: none"> <li>· Delete &lt;text&gt;</li> <li>· Delete from &lt;text&gt; to &lt;text&gt;</li> <li>· Delete &lt;text&gt; through &lt;text&gt;</li> </ul>
<b>CUT</b> the specified text or a range of text.	<ul style="list-style-type: none"> <li>· Cut &lt;text&gt;</li> <li>· Cut from &lt;text&gt; to &lt;text&gt;</li> <li>· Cut &lt;text&gt; through &lt;text&gt;</li> </ul>
<b>COPY</b> the specified text or a range of text.	<ul style="list-style-type: none"> <li>· Copy &lt;text&gt;</li> <li>· Copy from &lt;text&gt; to &lt;text&gt;</li> <li>· Copy &lt;text&gt; through &lt;text&gt;</li> </ul>
<b>BOLD</b> the specified text or a range of text.	<ul style="list-style-type: none"> <li>· Bold &lt;text&gt;</li> <li>· Bold from &lt;text&gt; to &lt;text&gt;</li> <li>· Bold &lt;text&gt; through &lt;text&gt;</li> </ul>
<b>ITALICIZE</b> the specified text or a range of text	<ul style="list-style-type: none"> <li>· Italicize &lt;text&gt;</li> <li>· Italicize from &lt;text&gt; to &lt;text&gt;</li> <li>· Italicize &lt;text&gt; through &lt;text&gt;</li> </ul>
<b>UNDERLINE</b> the specified text or a range of text.	<ul style="list-style-type: none"> <li>· Underline &lt;text&gt;</li> <li>· Underline from &lt;text&gt; to &lt;text&gt;</li> <li>· Underline &lt;text&gt; through &lt;text&gt;</li> </ul>



## What's New in Dragon® Medical 10?

### IMPROVED HELP SYSTEM AND TUTORIALS

(ALL MEDICAL EDITIONS)

*Includes enhanced Sample Commands window & interactive HTML tutorial with a completely new look & feel.*

Dragon Medical 10 offers an enhanced Sample Commands window and interactive tutorial with a completely new look and feel. The new Web and Flash-based system offers improved navigation and content—comprehensive resources are just a command away! In addition, Dragon Medical 10 also introduces a new mechanism to enable the creation of customizable help screens for end-users to be reminded of their favorite commands.

### MORE POWERFUL CAPITALIZATION RULES

—IN VERSION 10.1 (ALL MEDICAL EDITIONS)

Users can instantly set capitalization rules for words as they are added for the following word categories: Person, Department, and Drugs. Clinicians can have capitalization set to initial-caps, all-caps or no-caps for the categories.

### IMPROVED NATURAL COMMANDS FOR

MICROSOFT® OFFICE 2007 (ALL MEDICAL EDITIONS)

*Use your voice to control advanced features of Microsoft Office 2007.*

Dragon Medical 10 makes it easier than ever to use speech recognition with Microsoft® Office. Use your voice to dictate, edit and control applications like Microsoft Word, Microsoft Outlook®, and Microsoft Internet Explorer®.

### IMPROVED NATURAL COMMANDS

FOR MOZILLA FIREFOX® (ALL MEDICAL EDITIONS)

*Improved Web browser experience is now available for Firefox.*

Dragon Medical 10 makes it easier than ever to use speech recognition with Mozilla Firefox, the award-winning Web

browser used by tens of millions of people worldwide. You can now benefit from intuitive spoken commands, and the ability to activate a hyperlink by just saying part of its name.

### IMPROVED AUTO-TRANSCRIPTION

(ALL MEDICAL EDITIONS)

*The Auto-Transcribe Folder Agent now creates a synchronized audio file along with the automatic transcript for deferred correction.*

Version 9 introduced the Auto-Transcribe Folder Agent, which automatically detects files to transcribe in a given folder into another given folder (once a recorder is connected). Dragon Medical 10 now gives this Auto-Transcribe Agent the option of creating a synchronized audio file along with the transcript file, making it possible to later get the benefit of Playback and Correction—just like users dictating in word processors can save the audio file along with their dictated document, which enables a third party to correct errors, refining the speaker's profile.

Along with the new ability for "correctionists" (medical transcription editors) to create a "Correction Only" profile, this enhancement makes it easier than ever to delegate correction, whether you are dictating at your PC or on the go.

### CORRECTION ONLY PROFILE

(MEDICAL & MEDICAL ENTERPRISE)

*Correctionists can create a "No dictation possible profile" without any audio setup, so third-party correction is easier than ever.*

Dragon Medical 10 lets correctionists open the dictation files to make corrections by keyboard, which contributes to the optimization of the speaker's profile over time.



## What's New in Dragon® Medical 10?

### IMPROVED ENTERPRISE SECURITY

#### FEATURES: Encrypt macros for distribution

(MEDICAL & MEDICAL ENTERPRISE)

*More configuration options provide administrators with better control of Dragon in the enterprise. Encrypt custom commands before distributing them.*

Dragon Medical 10 offers a command-line utility to let Value Added Resellers and IT departments encrypt custom commands before distributing them.

### IMPROVED ENTERPRISE SECURITY

#### FEATURES: Disable creating, changing, or running of scripting commands to prevent VBA-viruses (ALL MEDICAL EDITIONS)

*More configuration options provide administrators with better control of Dragon in the enterprise. Control the access to VBA-style custom commands*

Advanced scripting commands can be used to create viruses, so Version 9 introduced the ability for the administrator to disable custom command creation by restricted users. Since it's rather extreme to prevent all users from creating any type of command when the aim is to prevent misuse, Version 10 introduces the ability to disable each command type individually.

### MORE FLEXIBLE ENROLLMENT FOR YOUNGER SPEAKERS AND USERS WITH CERTAIN SPEECH CHALLENGES

(ALL MEDICAL EDITIONS)

*Self-paced reading is available for speakers who have difficulty with the existing interactive text passages.*

Reading an acoustic training text efficiently helps Dragon learn your voice, and Dragon Medical 10 offers an easier way to do it: print or view the entire text and record it at your own pace—without needing to satisfy the validation done by the software in the original prompt screens.

By making it easier to train the product to one's voice, Dragon Medical 10 improves the experience for younger users and users with certain speech challenges.

### REGIONAL ACCENT SUPPORT

(ALL MEDICAL EDITIONS)

*Significant increase in accuracy for accented speakers by using more advanced adaptation techniques and accent-specific models.*

Following a significant data collection effort and research, Dragon Medical 10 incorporates new acoustic models for better coverage of non-native and regional accents. Together with more powerful adaptation techniques, this feature will help everyone get better recognition accuracy.

### OPTION TO DISABLE MICROSOFT TEXT SERVICES (CTFMON) (ALL MEDICAL EDITIONS)

*Easily turn off Alternative User Input Text Input Processor (CTFMon) to eliminate potential conflicts with Dragon.*

Dragon Medical 10 reduces to a simple checkbox what was previously a multi-step process of disabling alternative services that may cause conflicts, such as advanced technical services on Windows® XP or handwriting features on tablet PCs.

### DRAGON MEDICAL TEMPLATE LIBRARY —IN VERSION 10.1

(MEDICAL & MEDICAL ENTERPRISE ONLY)

Dragon Medical comes with a library of over two dozen macros for standard notes such as SOAP notes, new patient visit, and outpatient consults. In addition, a complete list of "medical normals" by body system is also available, so that clinicians immediately can begin using Dragon Medical "out of the box" with less time spent creating their own templates.



## What's New in Dragon® Medical 10?

### DRAGONTEMPLATES WITH VOICE FIELDS

(MEDICAL & MEDICAL ENTERPRISE )

*Quickly automate form filling applications.*

When creating Text-and-Graphics commands, you can now include variable fields within templates that can be filled out by voice.

Dragon Medical lets users create default values for DragonTemplate fields. This feature lets physicians quickly fill in multiple template fields with a single command. For the template, "Patient reported [moderate] severity with [no associated] loss of sensation in the [right upper quadrant]..." clinicians simply say *Accept Defaults* and the completed phrase would read, "Patient reported **moderate** severity with **no associated loss** of sensation in the **upper right quadrant**." Save time and still dictate detailed patient notes!

### AUTO CONFIGURATION FOR OPTIMAL PERFORMANCE BASED ON SYSTEM PROFILE (ALL MEDICAL EDITIONS)

*Provides latency configuration on "slow" machines and per-application disabling of intuitive spoken commands. Installation automatically detects PC's resources and adjusts options for optimal speed.*

During installation, Dragon Medical 10 automatically analyzes your PC's resources and changes default settings as needed to increase speed; this may include moving the Speed vs. Accuracy slider towards speed and disabling the intuitive spoken commands in some applications. The users can later change these options if they wish.

The result? Improved performance for older PCs that meet Dragon's specifications.

In addition, Dragon Medical 10 gives finer control over the support for intuitive spoken commands, which means users can gain speed if they only use intuitive spoken commands in some applications. One can disable these

large sets of flexible command wordings separately for each of these applications:

- Microsoft® Word
- Microsoft Excel®
- Microsoft PowerPoint®
- Corel® WordPerfect®

### BETTER CONTROL OF COMMANDS VS. DICTATION ON THE WEB (ALL MEDICAL EDITIONS)

*Require "Click" for hyperlinks and disable Web commands separately from dictation support.*

Dragon Medical 10 helps ensure a comfortable experience on the Web, addressing the concern that words you mean to dictate may be interpreted as a command, even if said in isolation. While on a Web-based EHR, users occasionally dictate isolated words that happen to be included in a hyperlink on that page, but Dragon can also click hyperlinks just by hearing part of their name and up to now Dragon's Web capabilities could not be disabled individually. Dragon Medical 10 now provides finer options for optimal comfort on the Web whether you intend dictation or action: one can disable HTML commands and also require saying "Click" for hyperlinks separately, without disabling dictation support.

In addition, Dragon Medical 10 replaces some existing single-word HTML commands with multiple-word equivalents, to avoid confusion with those single words meant as dictation:

V9 Command	V10 Command
Refresh	Refresh page
Reload	Reload page
Stop	Stop loading
Home	Go home
Next	Next Control



## What's New in Dragon® Medical 10?

### FORMATTING AND WORD PROPERTIES INTERFACE ENHANCEMENTS

**(ALL MEDICAL EDITIONS)**

*New Formatting dialogue and Word Properties let you control the written forms more finely than ever, including alternate forms, spacing and capitalization before and after each item.*

Dragon Medical 10 gives easier and finer control over the form, spacing and capitalization of items written in various contexts (e.g., inserting a space before or after, capitalizing the next word, or using alternate forms like “Fig.” instead of “figure” before numerals.) For instance, if you want all numbers between zero and ten to be written as numerals, you can now simply set this with just one check on the Formatting dialogue.

### EMBEDDED DATA COLLECTION TOOL

**(ALL MEDICAL EDITIONS)**

*Data Collection engine embedded in the product.*

A New User Wizard screen invites users to participate in a program designed to collect data to improve the overall accuracy of Dragon Medical 10. The option is off by default.

### SUPPORTS HIPAA REGULATIONS —

**(ALL MEDICAL EDITIONS, ENGLISH ONLY)**

*Protects patient confidentiality and helps provider organizations support HIPAA (Health Insurance Portability and Accountability Act) standards.*

Dragon Medical 10 protects sensitive and confidential patient information by providing support for network file storage of speech files, helping your organization satisfy HIPAA privacy and confidentiality guidelines. Version 10.1 provides more secure encryption methods that provide even greater levels of information security.

### HIDDEN MODE **(MEDICAL & MEDICAL ENTERPRISE ONLY)**

*Users can dictate while reviewing lab or radiology test results and save when finished anywhere in the EHR.*

Physicians can document care anywhere within an EHR system, reducing the need to navigate back and forth to an EHR's text field to add documentation. Dictation is stored in Hidden Mode and can be placed in the text field when complete.

### HIDDEN MODE ICON—IN VERSION 10.1

**(MEDICAL & MEDICAL ENTERPRISE ONLY)**

Users will now see an icon to remind them if text dictated into Hidden Mode is ready to be transferred into an EHR text box. Also, we listened to you, our clinician customers: you can decide if you want to stay in Hidden Mode after transferring text or return to a “normal” mode where your cursor is active in the EHR.

### MEDICAL VOCABULARIES **(ALL MEDICAL EDITIONS)**

*Medical specialty-specific vocabularies that ensure high physician dictation accuracy.*

Dragon Medical 10 now supports nearly 80 medical specialties and subspecialties, ensuring high physician dictation accuracy. Dragon Medical 10 recognizes even rarely used medical diagnoses and medications “out of the box.”

### POWERMIC™ READY **(ALL MEDICAL EDITIONS)**

*Program your PowerMic buttons to run a Dragon function or user voice command.*

Dragon Medical 10 supports the handheld PowerMic microphone and allows users to assign Dragon or user commands to PowerMic buttons. Clinicians can now navigate faster and save time by further reducing dependence on mouse and keyboard.



