PHILIPS

SpeechExec

Enterprise

Dictation and Transcription Solution

with Dragon Medical One Speech Recognition

LFH7368

Collaborative medical speech recognition

accelerating document production

SpeechExec Enterprise is a collaborative digital dictation and speech recognition solution that connects one or more clinicians with their assistants. With Nuance's proven Dragon Medical One technology integrated, SpeechExec Enterprise provides a full range of capabilities, including cursor-based speech recognition for complete physician autonomy, enabling an easy workflow between clinicians and assistants by linking the audio file to the text file, and increased mobility with the ability to use a mobile digital recorder or smartphone.

Work faster with speech recognition

- Specialized medical vocabulary for maximum speech recognition accuracy
- Collaborative direct speech recognition for convenient dictation
- Deferred speech recognition of dictations recorded on a voice recorder or smartphone
- Speech recognition directly in the applications of your choice, for example patient files, Word or Outlook

Work safer and stay mobile

- Smartphone app to maximize on-the-go productivity
- GDPR compliant solution for maximum data security
- Dashboards and statistics for better analysis of document creation

Work smarter

- Integration with HIS for a smooth and seamless integration and worfklow
- Support for remote and virtualized environments for easier central administration
- Hardware support for all Philips dictation devices for full convenience

№1 In professional dictation

No. 1 in SPS global customer satisfaction survey 09/2019.

Highlights

Specialized medical vocabulary
Best-in-class speech recognition capabilities with specialized medical vocabulary allow you to dictate immediately, with no voice profile training. Achieve 99% accuracy with automatic accent detection and audio calibration. Additional vocabulary can also be added and the solution learns from its mistakes.

Collaborative direct speech recognition
SpeechExec Enterprise supports a direct speech recognition scenario allowing the clinician to dictate in front of the screen and see the text appear in real time. The text is displayed in the SpeechExec editor where it is also possible to display customized templates. At the end of the dictation, the author can send the text file and the associated audio file for correction to their assistant.

Deferred speech recognition
The deferred speech recognition scenario allows the clinician to dictate from anywhere at any time with the dictation solution of their choice. Once the dictation is sent, it is automatically transcribed by Dragon Medical One, and the text file and dictation are made available to the assistants for correction.

Autonomous speech recognition
The autonomous speech recognition scenario allows clinicians to dictate directly with Dragon Medical One in the application of their choice, for example directly into their Electronic Patient Record (EPR), Word or Outlook. In this scenario, the audio file is not recorded and the clinicians cannot delegate the corrections to their administrative staff.

Smartphone application to optimize productivity on the go
The Philips smartphone app helps authors stay productive anywhere, anytime. It allows one to record directly into their iOS or Android mobile device and send recordings to Dragon Medical One voice recognition. The administrative team then receives an audio file as well as a text file from the speech recognition software.

GDPR-compliant solution
The Dragon Legal/Professional Anywhere speech recognition solution integrated in SpeechExec is GDPR-compliant, with speech data transmitted over 256-bit encrypted channels and TLS protocols for end-to-end security. Audio and text files are not stored in the cloud but on the infrastructure of choice.

Dashboards and statistic
SpeechExec Enterprise's statistics module allows authors to use all dictation properties to measure the performance indicators of their choice. Transcription times, average duration of a dictation, periods of overactivity or volumes per department. All these indicators allow fact-based evaluation of the document creation process.

Integration with CRM tools
SpeechExec's API (Application Programming Interface) allows professionals to integrate information from their CRM tool into each dictation: client name, company name, case number, etc. Several methods are possible, for example: contextual call, database exchange, barcode scan. Afterwards, once the document is transcribed, it is sent back to the CRM tool.

Support for remote and virtualized environments
Support for Microsoft Remote Desktop Services (RDS), Citrix and VMware enables SpeechExec applications to be delivered on demand. SpeechExec can be virtualized, centralized and managed in the data center of choice so that it can be instantly delivered as a service to users wherever they are.

Hardware support
All Philips PocketMemo series devices, SpeechMikes and ACC2300 series foots controls are supported by SpeechExec Enterprise as well as some professional devices from other brands. This way the hardware remains a sustainable investment.

Includes

SpeechExec Enterprise Dictate for authors

The dictation module organizes and stores dictation files. Users can record directly into the application with a microphone or download recordings from a voice recorder. Then, the files are automatically distributed to transcriptionists. Real-time job status information allows easy tracking of your work and the priority setting assures that urgent recordings get preferential treatment in the queue. After processing, users will automatically receive the transcribed documents.

SpeechExec Enterprise Transcribe for transcriptionists

The transcription software allows efficient access to digital voice files. Visual workflow management, including sort, search, and filter options and job information such as author, length and priority, assure productive transcription and fast document turnaround. With the ergonomic Philips Foot Control all transcription and playback functions can be controlled with the foot freeing up the transcriptionists' hands so they can concentrate solely on typing.

Dragon Medical One (DMO) Speech recognition

The speech recognition software support several usage scenarios. Physicians can use on-screen speech recognition in SpeechExec Enterprise Dictate or directly in the applications of their choice, for example patient files, Word or Outlook. Authors can avoid the tiresome task of reviewing by automatically sending the recognized text and the audio file to their assistant for deferred correction and proofreading Users who work on the go can automatically convert the dictation files recorded on a voice recorder or smartphone to text. Thanks to the integrated vocabulary for various medical specialties, Dragon Medical Speech Recognition achieves the highest recognition rates of up to 99%, even without training.

SpeechExec Enterprise Web Access

Enjoy being location independent, working from any computer with a web browser, e.g. when working from home or during a business trip. Web access allows to be independent of office equipment and local software installations. Dictations can be uploaded from voice recorders and transcribed using a Philips foot control. Access can easily be granted to external employees if needed.

SpeechExec Enterprise Manager

The central administration module for the system defines user settings, job information settings, and licenses, and supports Microsoft's Active Directory services.

SpeechExec Workflow Manager

Set up and automate a workflow for moving, copying, and deleting dictation files based on predefined rules and schedules, and send automatic email notifications.

SpeechExec Statistics Module

The Statistics Module displays comprehensive statistics on dictation, transcription, job status, and workload. The module offers graphical output for better and more precise analysis. Results can be easily exported to Microsoft Excel, Microsoft Word, Adobe Acrobat, Crystal Reports, or displayed as RTF documents for further processing. More than 30 pre-configured statistical reports are available.

SpeechExec Remote Device Management software

IT administrators can centrally configure all Philips dictation hardware and programmable accessories like the foot control, saving time and resources.

Philips Smartphone App (add on)

The Philips Smartphone App is designed to fit perfectly into the Philips SpeechExec Enterprise suite. Record, edit, and send dictation files directly from an iOS or Android smartphone. The accompanying SpeechExec Mobile Service Module manages dictations from the Recorder App and distributes the files automatically in SpeechExec Enterprise.

Specifications

System requirements
Processor: Intel dual core or equivalent AMD processor, 1 GHz or faster processor
RAM: 4 GB
Hard-disk space: 100 MB for SpeechExec software, 4.5 GB for Microsoft .NET Framework, 2 GB for SAP Crystal Reports
Network: 100 Mbit/s transfer rate, TCP/IP network protocol
Client operating system: Windows 11/10 Pro/ Enterprise (64 bit)
Server operating system: Windows Server 2022/2019/2016
Graphics: DirectX-compliant graphics card with hardware acceleration recommended
Sound: Windows-compatible sound device
Free USB port
Internet connection
File servers: Windows Server 2022/2019/2016, Linux Samba-Server (Debian, Kernel 3.16.7)
Email configurations: Microsoft Outlook 2019/2016, Microsoft Exchange Server 2019/2016

System requirements Dragon Medical One
Client operating system: 64-bit Microsoft Windows operating systems, with latest patches applied
.NET: Microsoft .NET Framework 4.5 (or higher) is required
Processor: 2.8 Ghz
RAM: 4 GB
Internet connection: 80 kBps and higher
Web browser: Google Chrome recommended

Convenience
Supported UI languages SpeechExec: English, German, French, Dutch, Spanish, Czech, Danish. Finnish, Norwegian, Swedish
Automatic update via internet

Audio
Recording format: .dss, .ds2, .wav
Playback format: .dss, .ds2, .wav, .mp3, .wma

Workflow
File transfer: LAN, email, FTP
Automatic download from portable voice recorders
Automatic file format conversion at download
Interface for automatic transcription with Dragon speech recognition software

Security
DSS Pro encryption: real-time AES encryption with 256 bits
SpeechExec encryption: AES encryption with 256 bits

Hardware configuration
Supported hardware: Philips PocketMemo Voice Recorder DPM8000 Series, Philips SpeechOne Wireless Dictation Headset, Philips SpeechMike, SpeechMike Premium, SpeechMike Premium Touch and SpeechMike Premium Air Dictation Microphones, Philips Foot Control ACC2300 series
Configuration options: device option settings, configuration of slide switch and programmable buttons, keyword configuration, recording profiles, file download, encryption, PIN code protection

Windows-based server virtualization
Supported virtualization software: Citrix Virtual Apps and Desktops, Microsoft Remote Desktop Services, VMware Horizon
Client operating system: Windows 11/10 (64 bit)
SpeechExec Enterprise Dictate and Transcribe Software running on a server operating system is only supported in Microsoft Remote Desktop Services, Citrix Virtual Apps and Desktops and VMware Horizon environments

Thin client
Igel OS 11/Igel OS 12
eLux RP 6.x

Supported Philips dictation hardware in virtual environments
SpeechOne Wireless Dictation Headset PSM6000 series
Philips PocketMemo Voice Recorder DPM8000 Series
Philips SpeechMike, SpeechMike Premium, SpeechMike Premium Touch and SpeechMike Premium Air Dictation Microphones
Philips Foot Control ACC2300 series

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www.philips.com/dictation