Philips SpeechExec Enterprise Dictation and Transcription Solution

Version **8.0**

Release Announcement

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SPEECH
PROCESSING
SOLUTIONS

Contents

Abbreviations

AD	Active Directory
App	Application
DMS	Document Management system
HL7	Health Level Seven (standard for information exchange between medical applications)
HIS	Health Information system
PVR	Philips Voice Recorder
PRDM	Philips Remote Device Manager
SEE	SpeechExec Enterprise
SPS	Speech Processing Solutions
UI	User Interface
UX	User Experience

SpeechExec Enterprise 8.0 Highlights

Unified installer

- Unifies main installer packages by enabling a user to install most of the installation components and products at once
- The installation process allows some components and products to be installed optionally

Enterprise Application (App) Interface with SpeechLive Mobile App

- New SpeechExec Enterprise (SEE) 8.0 version comes with new SpeechLive Mobile App as a better alternative than Philips Voice Recorder (PVR) App

Enterprise App Interface

- This is a new Application Programming Interface (API) that provides integration endpoints for mobile app integrators, document and hospital management systems
- It also serves as a mobile service for SpeechLive Mobile App

Unified Installer

Do you find yourself lost in the process by the following documentation to install manually different installer packages? Does it take much time for you to finalize the installation and setup process? Now you can use one installer to rule most of them, significantly saving time. On top of that, we improved the setup experience by installing dependencies and entering configuration settings only once!

With this installation, the following components will be installed automatically:

- **License Server** – enables you to activate and manage your SEE licenses
- **Enterprise Manager** - the central administration module for the system defines user settings, job information settings, and licenses. It supports also Microsoft's Active Directory services that allows admins to manage and store information about resources from a network, as well as application data, in a distributed database.

You can also choose to install these components optionally:

- **Workflow Manager** - provides set up and automation of a workflow for moving, copying, and deleting dictation files
- **Speech Recognition Service** - allows you to send your recordings to the Philips SpeechLive Transcription Service, where trained transcriptionists turn even complex recordings into text for you
- **Enterprise App Interface** - new API that provides services for SpeechLive Mobile App, mobile app integrators, hospital and document management systems
- **Dictation statistics from Enterprise Manager** - displays comprehensive statistics on dictation, transcription, job status, and workload
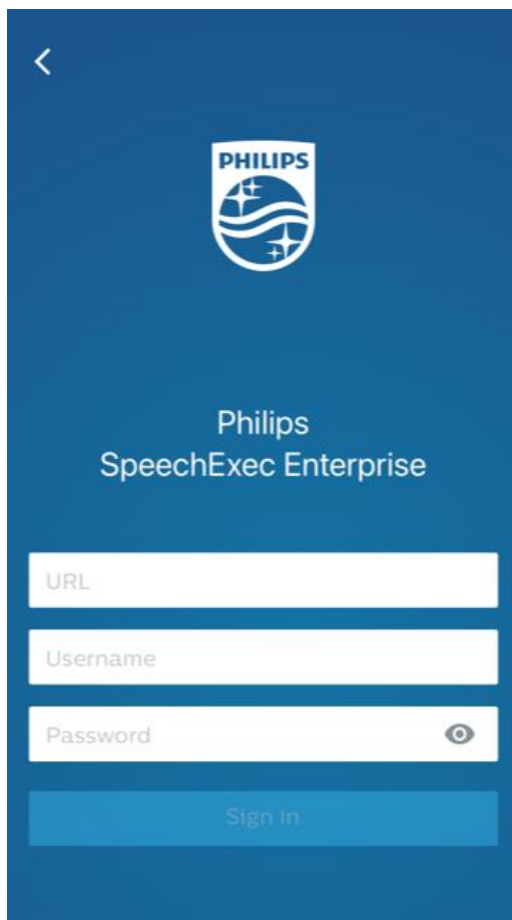
Note

⇒ This process of installing components is not supported if any of the optional components are already installed without a unified installer
⇒ The files stored in these components can only be used by the unified installer itself and are not designed for manual or individual product installation
⇒ Mobile Service for PVR App is not part of Unified Installer and has to be installed manually
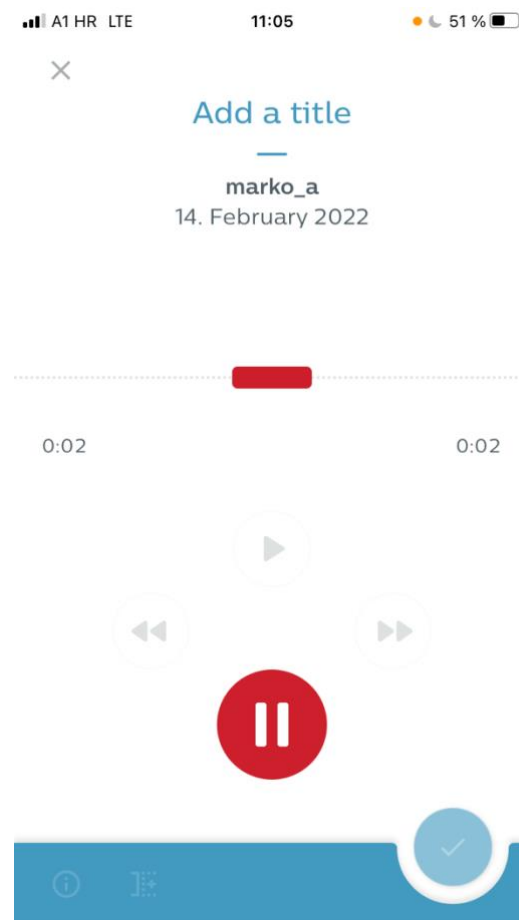
SpeechLive Mobile App

Application security and stability are our essential pillars, and we never stay still and always try to enhance them. Therefore, the SpeechExec Enterprise 8.0 version comes with a new SpeechLive Mobile App that has various benefits.

With the SpeechLive Mobile App you can record, edit, and send dictation files directly from your iOS or Android smartphone. The accompanying Enterprise App Interface Service Module manages dictations from the Recorder App and distributes the files automatically in SpeechExec Enterprise.

Login user interface (UI)   Recording user interface (UI)

Some of the great benefits of using SpeechLive Mobile App:

- More secure authentication and communication with SEE via new OAuth based API. OAuth is an open-standard authorization protocol that provides applications the ability for "secure designated access."
- Support for Microsoft Azure Active Directory (AD) Application Proxy which is a secure and cost-effective remote access solution for on-premises applications. It is recommended for giving remote users access to internal resources.
- New and improved user interface (UI) and user experience (UX)

Note

⇒ New SpeechLive Mobile App is supported by SpeechExec Enterprise 8.0 version only
⇒ Existing users of older version of SpeechExec Enterprise can still use the PVR App

Enterprise App Interface

A large number of legal and medical organizations use various document management systems (DMS) to manage their documents. Hospital management systems are used by most mid-big size hospitals worldwide to improve health service effectiveness.

If you regularly use your hospital or document management system, utilizing our Enterprise App Interface service, you could get your dictations transcribed and store transcriptions into your health reports or get them automatically uploaded to your document management system. On top of that, you could use any mobile app with a recorder to upload your dictations to SpeechExec Enterprise workflow.
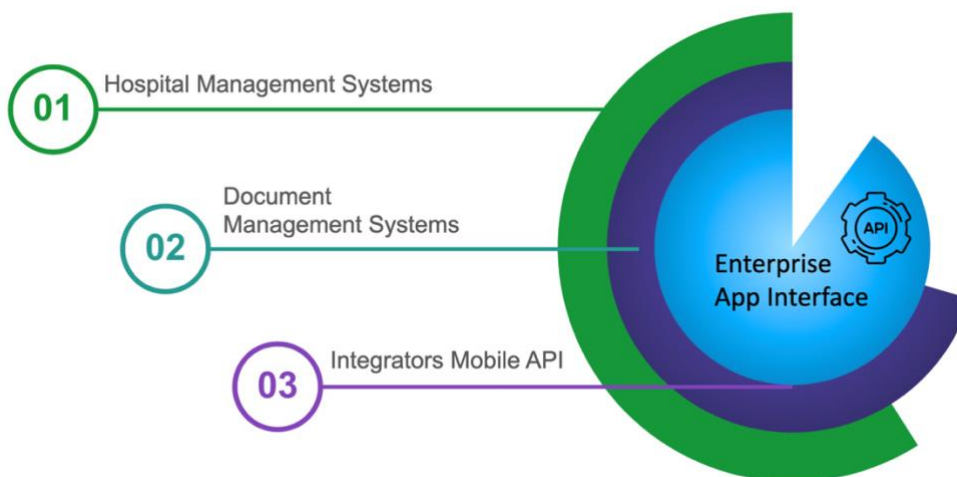
Health Information System (HIS) interface example

Physicians could send from HIS via HL7 interface dictation metadata to SEE and receive the transcription to be stored in the HIS report. In the HIS, patient data (name, social security number, date of birth) is stored and coupled with the report.

DMS interface example

There is no need to manually upload your transcriptions from SEE since they would be automatically uploaded to DMS. In that way you can organize and collaborate on those documents more efficiently.
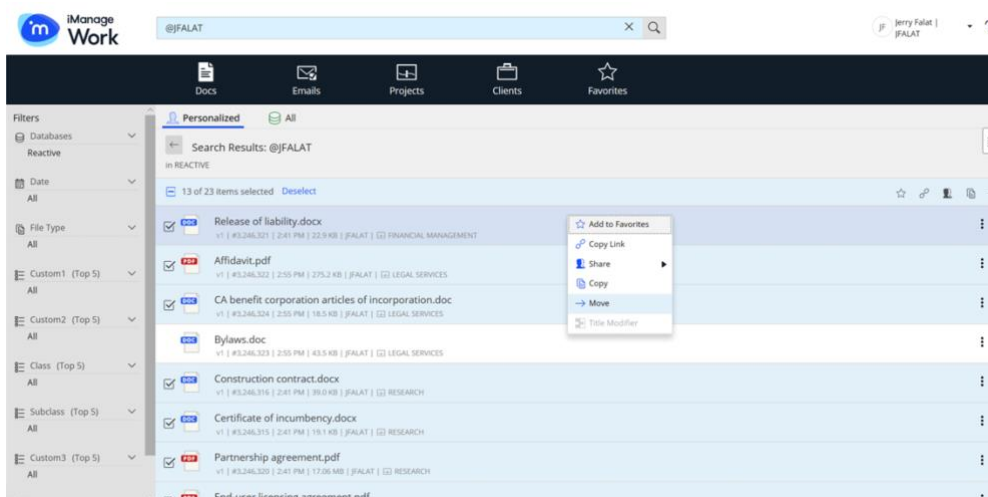
Other benefits of using SpeechExec Enterprise App Interface

- It can be customized to various hospital and document management systems
- Allows all necessary processes and procedures to follow by users
- Optimized and accelerated document creation process

Note

⇒ For HIS and DMS there is a need to develop proprietary connectors which fit to customers' need

Q&A

- Can we use your Enterprise App Interface (API) service right away? To use this API service, a specific DMS connector has to be built in the first place. Depending on the project, it can be built by SPS or the partner integrator. For more information, reach out to your SPS contact person.
- How much effort can it take to integrate your API? It can take a couple of days to a few weeks, depending on the level of skills developers have.
- Where can I find out more about using this API for my system? API documentation will be stored soon to Github developer platform: https://github.com/speechprocessing
- Does "Web" API mean connecting to Web-Based applications but not to on-premises hosted? It can connect to both.
- Which kind of architecture does this API have? It is based on microservices.
- Can we use PVR Mobile App and Philips Remote Device Manager with SEE 8.0 version? Yes, it is technically supported.
- Do you guarantee backwards compatibility with the new API in a SEE 8.0? Yes, we do.

For detailed instructions on how to use new features, please check out our online manuals at:
www.philips.com/dictation