PHILIPS

SDK

For SpeechExec Recorder and Dictation Hardware

- Run mixed environments
- Includes DSS codec
- Source code examples

LFH7440

Enhance your application

with professional digital dictation

The Philips Software Development Kit (SDK) provides an interface to a full professional digital dictation solution including Philips dictation hardware and the Philips SpeechExec Recorder.

Enhance your productivity

- Run mixed environments for efficient workflow management
- Source code examples for easy integration

Designed around you

- One interface for easy and reliable integration of Philips SpeechExec Recorder into third-party applications
- Includes DSS codec for outstanding audio quality at reduced file sizes
- Encapsulates required interfaces for accessing Philips dictation hardware devices

Ready for the future

- Supports Windows Terminal Server, Citrix and VMware for maximum flexibility
- Based on Microsoft .NET framework for easy and future proof software development

Highlights

Run mixed environments
Increase flexibility by operating third-party applications having SpeechExec SDK integrated and SpeechExec Enterprise in one environment.

Easy integration
C# and Visual Basic 6.0 examples with both source code and compiled executables for easy start of integration.

One interface
Philips SpeechExec SDK provides one simple interface to hide the complexity of integrating dictation hardware, handling audio codecs or implementing recorder functionality.

DSS encoding
The .dss file format is the international standard for professional speech processing. Offering outstanding audio quality for recorded voice, .dss files allow a high compression rate and reduced file size, network traffic, and required storage capacity. The format also allows additional information, such as client/patient name or document type, to be stored in the file header, further facilitating file organization.

Interface to Philips hardware
Philips SpeechExec SDK encapsulates all required interfaces to integrate Philips SpeechMike, SpeechAir, PocketMemo and Foot Control.

Geared for Windows Terminal Server, Citrix and VMware
Support for Windows Terminal Server, Citrix and VMware. SpeechExec recorder, along with the third-party application can be virtualized, centralized, and managed in the data center and instantly delivered as a service to users anywhere. SpeechExec Enterprise has been successfully certified as Citrix-ready.

Development environment
Develop your integration with Microsoft Visual Studio and make use of Microsoft .NET 4.0 Framework for future proof software development.

Specifications

System requirements

Processor: Intel dual core or equivalent AMD processor, 1 GHz or faster processor
RAM memory: 1 GB (2 GB recommended)
Hard disk space: 100 MB for SpeechExec SDK, 850 MB (32-bit) / 4,6 GB (64-bit) for Microsoft .NET framework 4.8
Operating system: Windows 11 Pro, Windows 10 Pro/Enterprise (64-bit), Windows Server 2016, Windows Server 2019, Windows Server 2022
Graphics card: DirectX-compliant graphics card with hardware acceleration recommended
Sound device: Windows-compatible sound device
Supported file servers: Windows Server 2016/2019/2022

Development environment

Microsoft Visual Studio 2010 or higher

Package contents

SpeechExec Software Development Starter Kit download link
SpeechExec Enterprise license server with two concurrent SDK licenses
C# and Visual Basic 6.0 examples with source code and compiled executables
Programmer's guide
SpeechExec Windows installer setup merge modules
Windows Terminal Server, Citrix and VMware
Sample audio files in celp, wav and dss audio formats

Related products

SpeechExec Enterprise license server
Philips PocketMemo Voice Recorder 8000 series
SpeechMike Premium Air Wireless Dictation Microphone 4000 series
SpeechMike Air Wireless Dictation Microphone 3000 series
SpeechMike Premium Touch Dictation Microphone 3700 series
SpeechMike Premium Dictation Microphone 3500 series
SpeechMike Dictation Microphone 3200 series
SpeechAir Smart Voice Recorder 1000 series, 2000 series
USB Foot Control ACC2300 series

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Issue date 2025-05-12

Version 1.0