

# SpeechMagic™

works your way



#### Backend speech recognition

Simply dictate and your secretary finalizes the recognized text.



#### Frontend speech recognition with deferred correction

The text appears on your screen in real-time and is finalized by your secretary.



#### Frontend speech recognition with online correction

Recognition and editing are done directly on your PC.



#### Intelligent routing

After estimating the accuracy rate, dictations can be automatically routed to the most suitable workstation.



#### Mobile reporting

Dictation, recognition & correction from every workstation in the network or in the disconnected mode on a laptop.

## It's fast.

Improve transcription productivity and create documents instantly.

## It's simple.

Use voice commands to operate your PC.

## It's accurate.

Professional terminology with continuous learning & automatic adaptation.

## It's efficient.

Seamlessly integrated solutions optimize your entire documentation workflow.

## It's SpeechMagic!

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# SpeechMagic™ -

Industrial grade speech recognition

# PHILIPS

# Professional document creation

SpeechMagic provides innovative digital dictation and speech recognition making it the leading platform for professional document creation.

- Trusted by a global network of more than 200 integration partners
- Deployed at more than 8,000 sites in 45 countries
- Supports 23 recognition languages
- Provides 150 specialized recognition vocabularies (ConText)
- Network-based, distributed architecture for up to 15,000 users per cluster
- Seamless integration with standard IT solutions
- First, full-scale speech recognition capability with Citrix environments

## A life time of learning

**SpeechMagic** continuously adapts to the way you dictate - your vocabulary, dialect and pronunciation. This adaptation concept minimizes manual interaction and optimizes individual recognition rates. You can even add up to 128,000 words from existing documents in order to perfectly match the system to your needs. Just one of many reasons why SpeechMagic was awarded the **“Technology Leadership Award”** by Frost & Sullivan.



### Speaker detection

Use of an incorrect voice profile is detected automatically and discarded from the adaptation, to protect individual profiles.

### Gender detection

A suitable acoustic model is automatically assigned to new authors based on their gender.

### Full support of multi-processor machines

Parallel usage of SpeechMagic components with other resource-intensive applications.

### Patented synchronous playback

The recognized text is highlighted during the playback of a recording.

### Very fast Initial Training

For native speakers the training is optional but 2 minutes is recommended. For non-native speakers we recommend a longer training period of 15 minutes.

### Supports multiple input devices

Telephone, microphone, mobile devices, PDAs, etc.

## Intelligent Speech Interpretation - Efficiency beyond accuracy

Intelligent Speech Interpretation (ISI) technology in SpeechMagic recognizes the meaning of words to structure reports according to institutional guidelines. It also excludes irrelevant information like hesitations, silences and pauses, and provides punctuation assistance.

In addition, SpeechMagic's Command & Control technology lets you simply navigate through templates and fields or insert Auto-texts by voice command.

1 Section of the original dictation	2 Intermediate transcription, ISI features marked blue	3 Final transcription, according to the corporate guidelines
Examination date is twenty sixth of January Two thousand six ... the patient takes the following medications number one glucotrol five milligrams twice a day number two lotensin twenty milligrams daily number three calan s r two forty milligrams daily objective the weight is one sixty two blood pressure is one fifty eighty the chest is clear to percussion and auscultation end of dictation thank you	Date of exam: 01/26/06 ... {MEDICATIONS} [1] Glucotrol 5 mg b.i.d. [2] Lotensin 20 mg p.d. [3] Calan SR 240 mg p.d. {OBJECTIVE} weight 162 kg, blood pressure 150/80. {CHEST} clear to percussion and auscultation.	Date of exam: 01/26/06 ... <b>Medications</b> Glucotrol 5 mg b.i.d. Lotensin 20 mg p.d. Calan SR 240 mg p.d. <b>Objective</b> Weight 162 kg; Blood pressure 150/80. <b>Chest</b> Clear to percussion and auscultation .