

# Crescendo Speech Processing

E F F I C I E N C Y . R E L I A B I L I T Y . I N T E G R A T I O N

## Why opt for Speech Processing?

Transcribing recorded speech is a time-consuming process and like most medical or legal environments today, your organization's workflow is probably slowed down, if not severely impacted by dictation backlogs. This prevents your staff from providing optimal customer service or even worse, patient care.

By automatically producing recognized text out of offline voice files, speech processing technology can make a huge difference. This is why Crescendo is proud to introduce Crescendo Speech Processing, a back end speech processing solution specifically designed for professional users. Built upon Philips SpeechMagic, established market leader with thousands of installations worldwide, Crescendo Speech Processing helps you take a giant step towards the faster and more cost-effective creation of legal and medical reports. Find out today how professional speech processing can benefit your entire organization.

## Who should opt for Speech Processing?

Designed for highly structured and dictation-intensive professional environments, Crescendo Speech Processing provides specialized word vocabularies (or ConTexts) that address specific businesses or medical specialties (ex. radiology, pathology, etc.) thereby ensuring an optimal recognition rate for each of the above areas.

## Surfing on the learning curve

As a back end solution, Crescendo Speech Processing is entirely transparent to users as opposed to individual voice recognition interfaces. Users don't adapt to the system: the system adapts to users thanks to sophisticated algorithms that build user templates (user acoustical reference files) based on each author's specific voice characteristics.

Other benefits of this unique client/server approach include:

- a recognition rate that improves through repeated use and continued correction input analysis
- the ability to use any connected workstation, whether onsite or remote
- a centrally managed system

## Easy integration

With Crescendo Speech Processing, upgrading from digital dictation to voice recognition is easy and cost-effective: implemented as a back end layer, Crescendo Speech Processing seamlessly integrates with your market-specific software applications and your existing dictation and/or transcription systems - including other vendors'. It operates as part of your organization's existing network, making the document creation process a transparent part of your existing work environment while securing your previous investment.



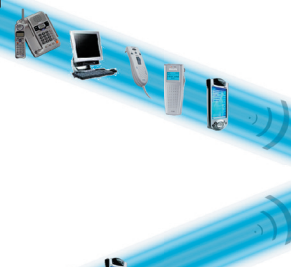
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## Top five reasons to opt for Crescendo Speech Processing:

- Faster report creation
- No more backlogged dictations
- No need to change your dictation habits
- Improved transcriptionist productivity
- Automatic handling and administration of documents

Professional  
**voice**  
 Recognition

## Onsite Author



## Transcriptionist/Correctionist



Corrected text <

> Recognized text

## Offsite Author



Supported through the entire **DigiScribe-XL** suite, Crescendo Speech Processing is a transparent process that guarantees a fully consistent author experience. Authors can dictate from their usual input device:

- Standard phone or PC (**DigiDictate-IP**)
- Pocket PC (**DigiDictate-CE**)

## Mobility

Unique in its support of distributed networks, Crescendo Speech Processing enables dictation, recognition and correction to take place at any location within a LAN, WAN, or across the Internet. Reports are dictated directly in the required file to fully support the existing workflow and speed up the document creation process.

## From transcription to correction

On the transcription side, Crescendo Speech Processing allows for significant productivity improvements. As soon as the dictation is complete, the document is immediately made available to the transcriptionist for correction. Thanks to the support of phrases and variants, adaptation of hesitations, non-speech and redundant phrases, and additional features such as automatic punctuation, easier handling of dates, amounts and quantities, the engine frees time for transcriptionists to focus on corrections rather than on the actual transcription process. This not only leads to reduced turnaround time, but it also means a reduction in transcription costs and the elimination of backlogged dictation. Not to mention that transcriptionists' time is now freed for other responsibilities.

Finally, once the transcriptionist has completely reviewed a report, the system will automatically update, spell check, count, upload and distribute the final document.

## From a transcription service standpoint...

Pay and billing can be configured to reflect the fact that a voice recognition engine is being used. The transcriptionist's profile can be set up to only compensate for corrections (actual typed reports), per report, or on an hourly basis.

## Scalability

In compliance with the very modular approach that makes the Crescendo platform so unique, Crescendo Speech Processing can expand easily by adding high end workstations (40 servers, one server handling 24 hours of dictation), making it a scalable system for your firm to grow into.

## Maintenance & archiving

Last but not least, Crescendo Speech Processing is equipped with the Crescendo Heartbeat Monitor, the role of which is to maintain and archive voice files and ensure uninterrupted operation of your mission critical operations. This ensures proper disk space usage, and eliminates the need to manually delete unused voice files or reports.

## Did you know?

We all speak five times faster than we can type.

Crescendo Speech Processing differentiates between:

- Accents
- Dialects
- Age
- Gender
- Emotional state
- Rate of speech
- Environmental noises

## About Crescendo

- More than 2,000 installations and 200,000 users worldwide
- 14-year sole focus on the dictation and transcription systems for medical, legal and law enforcement environments
- Established technology leader in the USA and Canada

## Other members of the Crescendo Suite

### DigiScribe-XL: advanced digital dictation

A real-time, voice-on-demand network dictation and transcription solution suited for dictation-intensive environments of all sizes and all kinds of user profiles, whether on site or on-the-move:

- Landline or mobile phone: **DigiScribe Call-in**
- PCs - **DigiDictate-IP**
- Pocket PC - **DigiDictate-CE**
- Handheld recorder - **DigiService-IP**

### MedRite-XL: integrated transcription

A comprehensive transcription and automated distribution solution dedicated to the needs of hospitals and clinics.

### MD Center-XL: electronic signature

An automated tool for the medical authentication and review process from any network or remote personal computer.

### Crescendo Wide Area Service (CWAS): the full potential of client/IP technology

A fully secure gateway for data access and easy transcriptionist deployment.

### iPlatform Series: web-based applications

- iTranscriber: for remote transcription and voice playback
- iViewer: for remote data access and distribution

powered by  
**SpeechMagic™**

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