

*iSpeech*



Enterprise

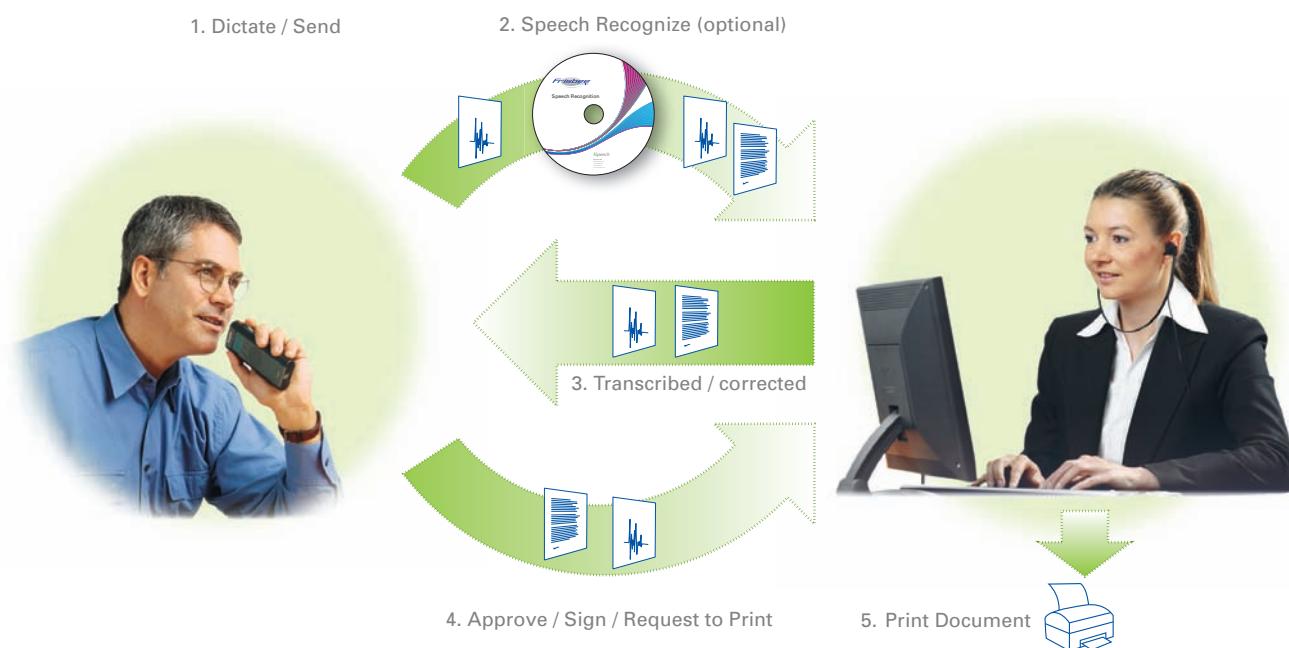


# Frisbee

## Concept

Frisbee is efficient team play. The perfected workflow application facilitates, organises and speeds up cooperation between experts and administrative staff in environments where spoken text has to be transformed into structured documents. Core segments are the areas of legal, healthcare, public authorities and administration. Thanks to the server version Frisbee Enterprise, the use of the solution is not limited to 1:1 relations between authors and transcriptionists; Frisbee connects and organises author and secretarial workstations of any

size, even if external. The unification of subject-specific speech recognition and workflow components gives the greatest benefit in efficiency and sets Frisbee apart from conventional transcription solutions. The integration of all relevant professional dictation machines and mobile telephones allows a free choice of brands. Thousands of lawyers, doctors and other specialists worldwide are already playing their findings, memos, file notes and correspondence to their back office as «Frisbees».



## Open Voice

Frisbee's open architecture allows the user a free choice of professional portable dictation devices from leading manufacturers and their microphones. Frisbee is hardware independent. Thanks to Frisbee Smart you can now easily send your speech recordings to your secretary from anywhere and at any time with your Black-

berry, iPhone or Windows Mobile Smartphone. Frisbee can be used under Windows XP, Vista and Citrix. The Frisbee SDK and / or the standard interfaces such as XML and HL7 allow integration in the most varied vertical software applications, e. g. for health services or case management for the legal field.

**Dictaphone**

**OLYMPUS**

**PHILIPS**

**GRUNDIG**  
Business Systems

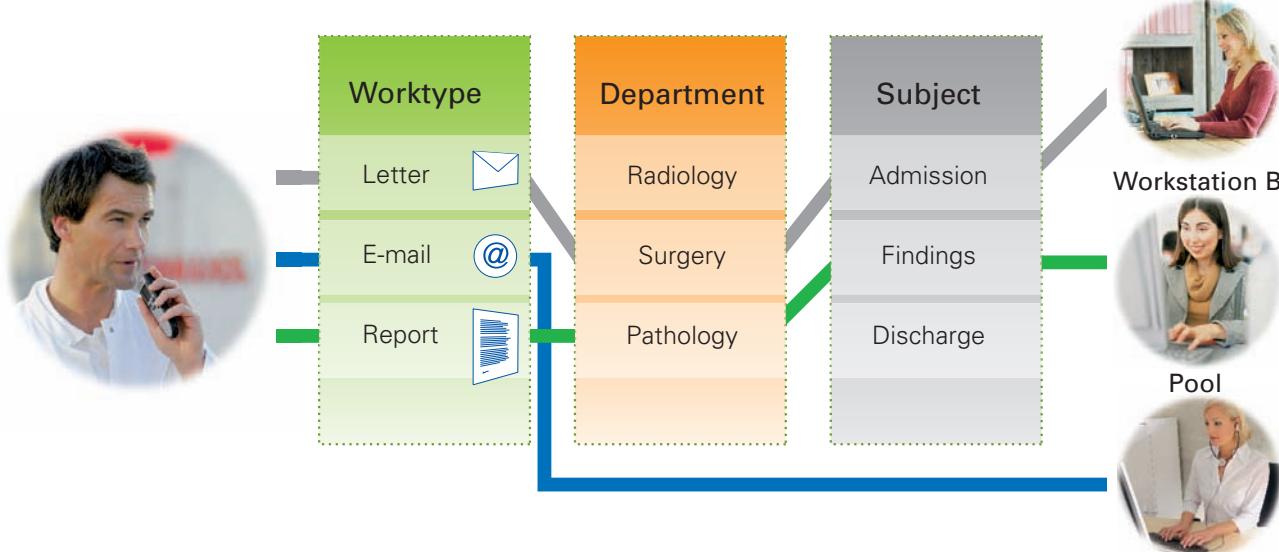
**NUANCE**

**Microsoft**

# Workflow Management

The Frisbee workflow follows the philosophy of a mirrored S and corresponds to the natural dialogue between one or more authors and one or more transcriptionists. The allocation of the dictations and documents is carried out automatically according to specified workflow

parameters. Both sides are informed by the Frisbee application software of the status of the work at all times. The workflow can be extended by speech recognition, Frisbee SR, at any time.

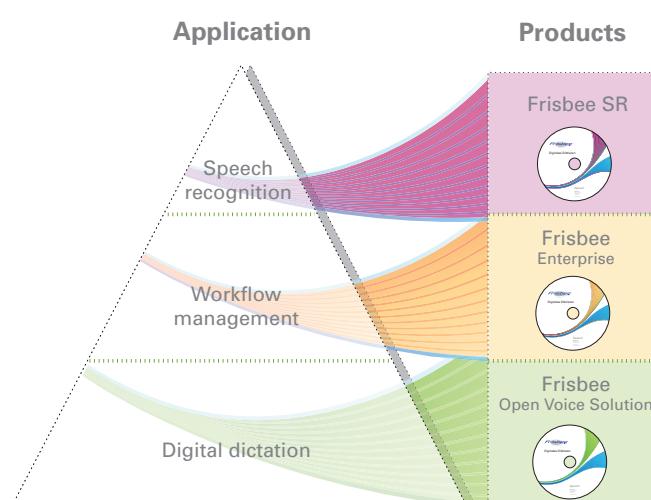


## Modularity

You do not need a large initial investment to use the wide complexity of Frisbee. The modularity of Frisbee allows entry as a single workstation solution for 1 to 1 users, by replacing a cassette dictation machine, for example. Whenever your organisation growth into a large, enterprise wide complexity you can extend to the server based solution Frisbee Enterprise, which organises the workflow for hundreds of authors and transcriptionists. The third migration level is Frisbee SR (speech recognition). The module for speech recognition can be extended by dedicated specialised vocabularies, which allow a maximum recognition rate by means of a high level of customisation. This modularity protects your investment in software, hardware and service & support.

## Frisbee Facts & Figures

- 👉 Open architecture, means independent of hardware, i. e. integrated professional dictation machines from all leading manufacturers
- 👉 Modular and scalable structure of one to an unlimited number of authors and transcriptionists
- 👉 Dictation, workflow management and speech recognition in one product
- 👉 Central administration of users, profiles and jobs
- 👉 Integration in MIS, HIS, etc. by means of SDK or XML and HL7
- 👉 Frisbee Smart for telephone dictation with iPhone, Blackberry and Windows Mobile Smartphones



## Who is iSpeech

iSpeech AG is an entirely Swiss company and is domiciled in Baar / ZG. As a subsidiary company of Beelk Holding AG, we focus wholly on the development, integration, sales and support of Frisbee, Open Voice. Frisbee is sold, installed, integrated and technically supported worldwide through certified partner organisations.

# Frisbee Enterprise

**Frisbee Enterprise** is the central server application within a Frisbee system which is responsible for dictation, workflow and document management, user administration, automatic update distribution, centralised backup and archiving.

**Frisbee Enterprise** is a server-based application, which archives and manages all dictations of an institution on a SQL database, and makes the allocation between the authors and transcriptionists; just how to play a Frisbee ... Due to the centralising of these tasks, the installation and maintenance of the system as a whole are made considerably easier. User profiles and workflow para-

## Mobile Dictation

Quick dictation functions and simple automatic sending of dictations for all employees who dictate using professional mobile dictation devices of all brands, regardless of location.



## Desktop Dictation – PC Input

You dictate by microphone directly into Frisbee. You can navigate during the dictation with your dictation microphone using buttons or a sliding switch control. Frisbee does the rest for you.



## Telephone Dictation

You dictate via your Blackberry, iPhone or Smartphone when you are on the move and send your recording directly to your secretary. Your dictations are already typed out before you are back in the office.



## Web-based Dictation

You dictate using your dictation microphone directly via Internet Explorer or load your dictations from the portable dictation machine and send them to the Frisbee Enterprise Server via the Internet.

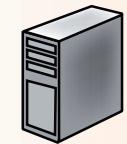


## Dictation with speech recognition

You dictate either with a mobile dictation machine or a stationary dictation microphone on your PC. The workflow of Frisbee Enterprise automatically refers your dictation to the speech recognition engine and you will get back your corrected report in due time.



Frisbee Enterprise Server

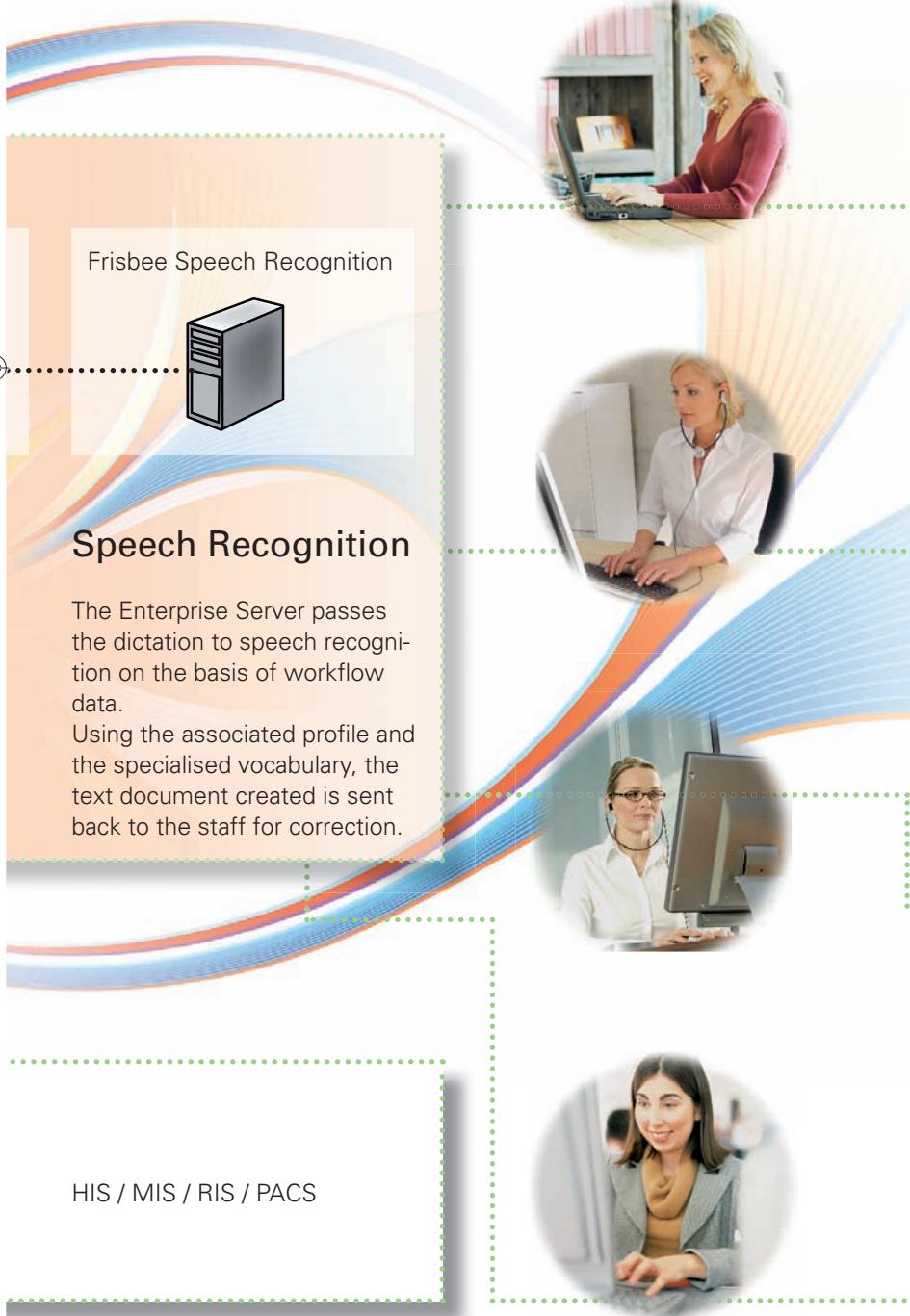


HL7  
XML  
EDI





meters are created and modified centrally for hundreds of users. Workflow control can therefore be carried out by the user individually or centrally, with overriding priority, user rights or, for example, the integration of mobile dictation with Frisbee Smart are also managed on Frisbee Enterprise, just as the speech recognition modules are managed centrally.



## In-house transcription

All dictations are passed on to the relevant transcriptionist on the basis of specific settings. The secretary only sees the dictations intended for him or her on his or her job lister.

## Transcription Pool

Sending dictations to a secretarial pool based on workflow settings. The next available employee processes the job.

## External transcription

Flexible and secure access from any PC «outside the building» which is directly connected to Frisbee Enterprise via the local area network or the Internet.

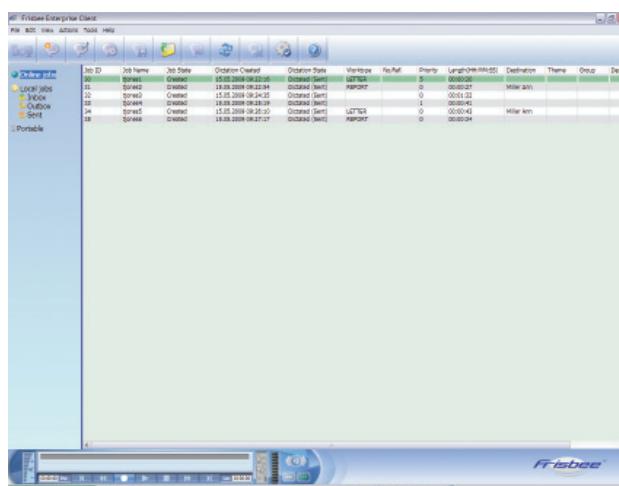
## Corrections from Frisbee SR

The speech-recognised text can be corrected at any workstation. All corrections are adjusted to the author's user profile and the speech recognition is improved with each correction.

# Frisbee Applications

## Job Lister

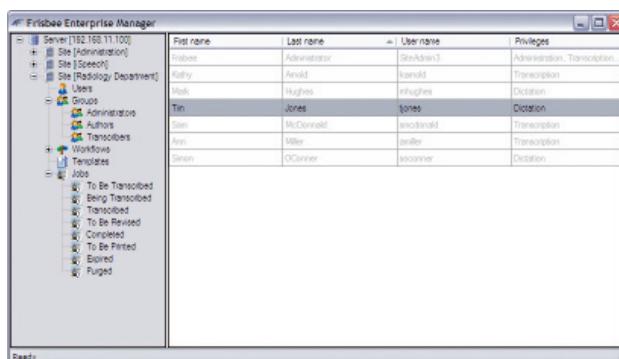
Frisbee's easy to use Job Lister shows all the dictations with the name of the author, the worktype, state [created | open | dictated | sent | received | in progress | transcribed | ...], length, priority and much more. You are informed about the processing status of your job through State. You see when and from whom your dictation was received or transcribed. You can search for jobs and sort them very easily.



## Administration

The central Frisbee Enterprise user administration is connected to Microsoft's Active Directory. This eliminates not only the two user management by the administrator, it also allows the user a single sign on. (SSO implemented)

All users can be given different privileges: dictation, transcription and administration. All users are members of a Frisbee Enterprise Group. Most settings are



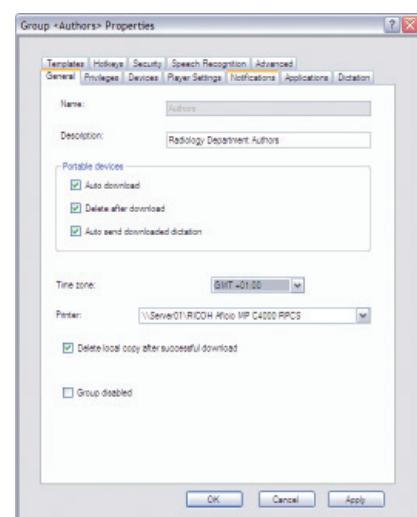
made at group level. Nevertheless, the group settings can be adjusted user specifically, which allows very efficient user administration. Privileges allocation can be configured at application function level. In addition, an intelligent inheritance procedure has been realised for all settings. Optimal mapping of the corporate structure by means of sites in logical departments or geographical locations.

**Frisbee Enterprise Server** manages and distributes jobs (dictations and documents) centrally. Frisbee Enterprise includes document management. By connecting voice files to text files you can find the document corresponding to the dictation and vice versa at any time without searching. An job may contain several dictations. Completed work can be deleted automatically.

## Frisbee Enterprise Manager

**Frisbee Enterprise Manager** manages templates and allocates these to a dictation on a filter basis. It also gives you an overview of the logged on users, the current workload and the pending work volumes. This means you have your system under control at all times and can override the automatic features manually if necessary. Work reports can be generated for analysis and reporting for each secretary, workflow, person providing the dictations and much more. The finished dictations and documents are automatically archived and can be conveniently found later and made accessible using a powerful search function.

Frisbee Enterprise has a fully automatic backup and restore function integrated as a standard function. Moreover, no dictation can get lost with the Frisbee Enterprise Auto Recover function, which backs up each spoken word.



## Workflow Management

Workflows can be adjusted and monitored using the administration application Frisbee Enterprise Manager. The system administrator can even configure workflows between one site and another. Any number of authors and secretarial staff can be members of a workflow. Each dictation user has his own configurable priority level and dictation processing time.

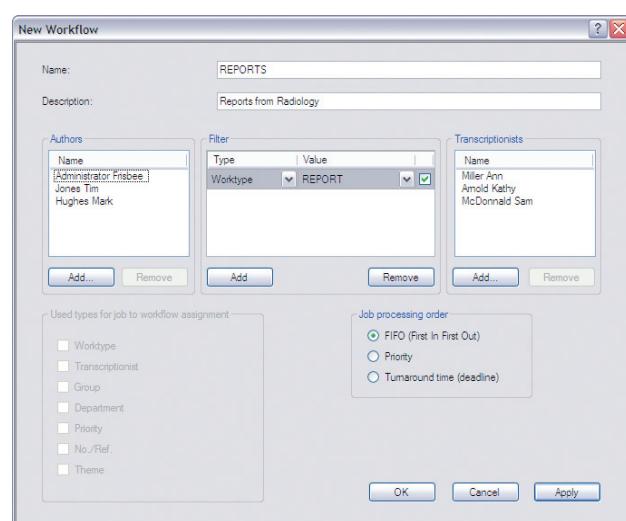
If the Frisbee Enterprise Server receives a dictation, a check is made for suitable workflows. Dictations are allocated to workflows by filters and thus made available to users. The work can be sorted within a workflow according to the FIFO method, priority or by turnaround time. Transcriptionists can be member of several workflows. Processing the dictations of several workflows can be set up in accordance with the following criteria:

- Process all dictations of current workflow and then switch to the next workflow.
- If a more important workflow receives a dictation, download this dictation next.
- Process a fixed number of dictations and then move to the next workflow.

Transcriptionists can download dictations from the Frisbee Enterprise Server either automatically or manually. In the case of the manual process, dictations can either be allocated by the secretary or by another user.

In addition, a deputy can be defined for the secretary using the Frisbee Enterprise Manager.

If required, the author of the dictation can even retrieve his dictation from the Frisbee Enterprise Server and revise or correct it.



Documents resulting from dictations can be digitally signed by the persons who have dictated them and released for printing.

## Writing

When new dictations are ready for transcription on the Frisbee Enterprise Server, the secretarial staff responsible are informed of this acoustically or visually. The secretary can also be informed of this by E-mail, and this means that the **Frisbee Enterprise Client** does not always have to be started. Dictations are downloaded manually or automatically over the network from the Frisbee Enterprise Server to the secretary's work station. The secretary can listen to and type out the dictations efficiently using a foot control and headphones. If a dictation has been marked as «Transcribed», it is filed as completed or sent back to the author on request with the resultant document.

Optionally, the voice files can be converted fully automatically into text files by real time\* or background speech recognition\*. In the case of background speech recognition a dedicated speech recognition server is used.



## Installation

The Frisbee Enterprise installation procedures can be fully automated. Standard MSI packages are available for all Frisbee Enterprise applications. In addition, Frisbee Enterprise has an ingenious, fully automated update process which can be used for all client applications and the server itself. As administrator you can, of course, still determine yourself what should be installed.

## Integration in HIS, RIS, MIS, etc.

Frisbee Enterprise unique Interface Engine supports all current interfaces, protocols and standards such as XML, HL7, UN/EDI, etc. In addition, there is a COM SDK to integrate digital dictation into your information system.

# Frisbee

## Hardware Devices

Frisbee  
Mobile Dictation



Frisbee  
Desktop Dictation



Frisbee  
Smart



Software module for  
Windows mobile telephones  
BlackBerry  
iPhone

Frisbee  
Transcription



- ↳ Frisbee dictation management software
- ↳ USB foot control
- ↳ USB stereo headphones

Frisbee  
Speech Recognition



Speech Recognition module and  
additional specialised vocabularies

## iSpeech

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### Frisbee Certified Partner

