

MEDIA MONITORING SYSTEM

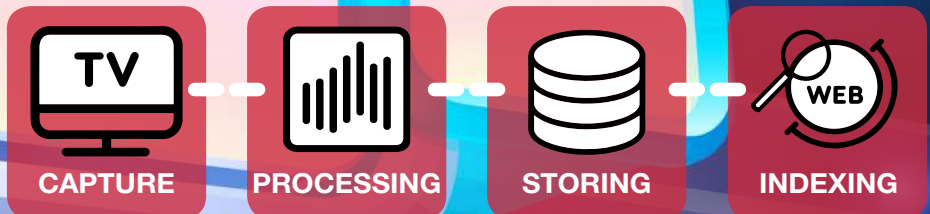
VOICE TRANSCRIPTION, INDEXED SEARCH AND ARCHIVE MANAGEMENT

Automatic system for transcription and monitoring of TV and radio programs

Automatic system for transcription, segmentation and indexing of television and radio programs, with the possibility of selective dissemination of information through profiling based on topics and advanced search methods.

MAIN FEATURES:

- 24/7 media recording in MPEG2 High Quality format convertible to WMV Web Streaming Quality format
- Base and Pro versions to better accommodate client needs
- Advance speech recognition module to recognize media contents
- Text contents and audio based segmentation of media clips
- News alert immediately after their occurrence
- Text indexation and fast searching interface
- Integration entry points for an efficient information delivering



VIDEO RECORDING, STORAGE AND RETRIEVAL, COMPRISING REAL-TIME TOOLS FOR AUTOMATIC TRANSCRIPTION, SEGMENTATION AND TOPIC INDEXING OF TV AND RADIO CONTENTS



MEDIA MONITORING SYSTEM

VOICE TRANSCRIPTION, INDEXED SEARCH AND ARCHIVE MANAGEMENT

WHAT IT IS FOR

Fully automatic integrated solution based on state-of-art technology for automatic speech recognition systems. On this solution the speech produced on the selected programs is transcribed to text. The texts and the features resulting from the audio annotation, such as areas of music, of speech, segmentation of speakers, are the basis for advanced methods of content automatic segmentation and indexing using semantic information.

WHAT IT ENABLES

Fully corporate image monitoring of a large company and their business area.

Events survey associated with a particular region, city, people, ...

Survey of relevant issues on a particular area such as National Defense, Justice, Education, ...

Easier availability of web content increasing accessibility for content suppliers such as televisions and radios.

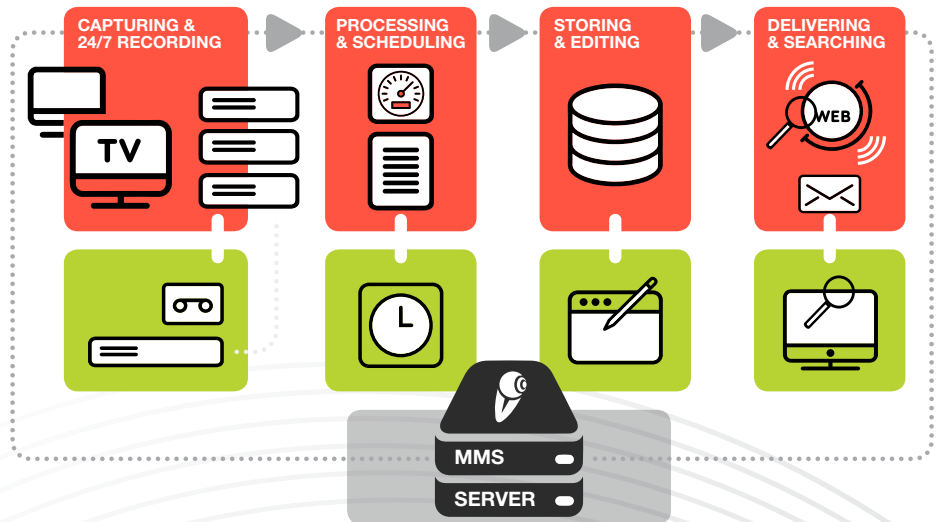
WHO IT IS FOR

CLIPPING, ANALYSIS CONTENT (BUSINESS INTELLIGENCE) AND REPUTATION ANALYSIS COMPANIES.

CONTENT PROVIDERS SUCH AS TELEVISION AND RADIO.

GOVERNMENT, PUBLIC BODIES.

REFERENCE COMPANIES AS TELECOMMUNICATIONS OPERATORS, ENERGY, FINANCIAL, INSURANCE.



24/7 RECORDING

Up to 8 per server broadcast channel sources (TV or radio) daily recording and storing. Using the most advanced technology to capture the broadcast channel and store the source in MPEG2 High Quality video format hourly blocks (high quality audio files for radio). The video sources can be later converted to Microsoft® WMV Web Streaming format to web applications integration.

PROCESSING

Using the most advanced automatic speech recognition technologies developed by VoiceInteraction to automatically transcribe broadcast news TV or radio shows. This processing is running online and under real time, optimized to achieve the highest performance. The transcription is enhanced with automatic capitalization and punctuation and feed into a segmentation and indexation modules. These modules use semantic information extracted from audio and text contents to segment the stream into news blocks and to produce appropriate indexing information.

STORING

The full transcription, annotation and segmentation resulting from the processing stage is stored into a database for future search and delivery. Default MySQL system can be upgrade to Microsoft SQL Server, PostgreSQL, ORACLE or any other DBMS systems. Video storage service interface deliver video sources in MPEG 2 High Quality format (PRO version) and Microsoft® WMV Web Stream Quality format (BASE version). Optional FLV and H.264 formats are available.

INTERFACES

The system bundle includes a set of interfaces for Scheduling (filters the access to the processing stage), Media Editing (for minor corrections and information enrichment of news database contents), and Searching (retrieve information for selective delivery).

DELIVERING

Use stored and indexed information to provide an efficient search interface (Web Based) to access news contents. Email and web delivery modes are available. Providing a web service entry point encompass an agile business process integration depending on client needs, mainly resulting from the business process.

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