

Archive



Management of Digital Media

Videoma Archivio is a software solution for digital video, audio, and image management. It can capture, catalogue, manage and publish content from any format.

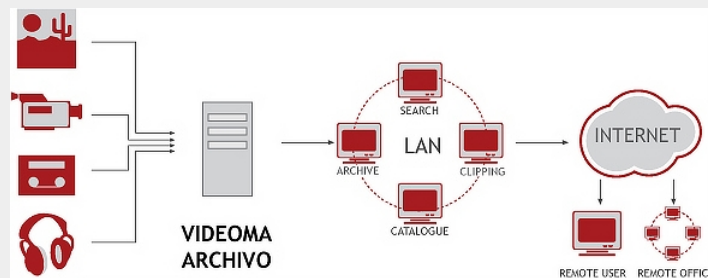
Designed for companies or institutions that need to manage their video, audio or photo libraries in an organized way and even distribute them online or on cell phones.

The system is modular and scalable, and offers a wide range of modules that comply with the demands of different users.

Videoma Archivio is designed to work online where users from different stations can query the material stored on the central server.

Videoma Archivio can capture and transcode any format available on the market. High and low quality files can be stored online without losing their referential integrity quality by time codes.

Details (click to show)



Applications

Education

- Management of audiovisual material for libraries, multimedia workshops, master classes, seminars or doctoral theses.

Video libraries, broadcasters, Internet companies, production companies

- Historical asset archive.

Museums, cultural centers

- Archiving and publishing of multimedia resources.

Government, public administration

- Archiving and publishing of multimedia resources from press rooms, and communication and research departments.

Advantages

- WEB architecture improves workflows.
- Stable operation 24/7.
- Customized user and user group administration.
- Hierarchical metadata-based documentation system.
- Importing and exporting of metadata.
- Complete video, audio and image management.
- Association of other PDF, Word, Excels to the video.
- Automatic storyboard generation.
- Videos sent to a professional editor.
- Content publication in a web portal.
- Possibility of integration with other technologies on the market.
- Open system composed of modules with complementary functionalities. Possibility of adding new modules developed under the Videoma platform.
- Application can be configured in English or Spanish.

Workflow

Content capture

- Content from different analogue and digital sources can be processed: VHS tape, CD, DVD, telerecording equipment, cameras, etc.
- To import large amounts of media, Videoma Archivio uses the Watchfolder tool which independently feeds multiple video, image or audio files into the system. Also allows for manual file importing.

Cataloguing

- Media cataloging is organized hierarchically by schemas or cataloging templates, the main platforms to derive metadata. Videoma Archivio allows importing and exporting metadata in XML and documentation through thesauruses.

Management and archiving

- Previewing, clipping, asset generation, playlist creation, watermarking, association of documents (Word, PDF, PowerPoint, Excel) to content, stills from video, etc. All final material is stored in the file for a later use. Videoma Archivio can automatically or manually transcode; the Media transcoder module cuts transcoding times by up to 70%.

Searching

- The user can configure material searches. Reports on searches carried out. Searches by thesaurus.

Publication

- Videoma Archivio is a very flexible system in terms of publishing content on web portals for Web TV applications, video-on-demand or live streaming. Possibility of generating running order and connection with a payout.

Specifications are subject to change without notice.

Broadcast Monitor



Monitoring and Management of Broadcast Media

Radio and television are gaining importance in today's world. Organizations and businesses require effective mechanisms to analyze and control political, social, or sporting events that improve their ability to make strategic decisions and react in the face of any development.

Important public and private institutions choose Videoma Broadcast Monitor (VBM) as the monitoring and analysis solution for their press, production and crisis rooms. It improves organizational performance and generates new forms of business and ways to use resources.

Videoma Broadcast Monitor incorporates multichannel monitoring and recording of the digital terrestrial (DT), satellite, multicast, analog, and CCTV. It also streams, clips, catalogues, carries out visual searches and stores content in real time.

▲ Details (click to show)

<p>Applications</p> <p>Government and Public Administration</p> <ul style="list-style-type: none"> ■ Auditing of current social or political event. ■ Systems to monitor and control catastrophes, emergencies and incidents. <p>Political Parties</p> <ul style="list-style-type: none"> ■ Computing control tool in electoral campaigns. ■ Auditing and monitoring of meetings, political propaganda and marketing. <p>Production companies and TV stations</p> <ul style="list-style-type: none"> ■ Monitoring of content companies broadcasting for programs. ■ Registry of news and events. ■ Monitoring of advertising and studies of the competition. <p>The Media</p> <ul style="list-style-type: none"> ■ Extraction of clips and images from video to publish online or in magazines. <p>Advantages</p> <ul style="list-style-type: none"> ■ Modular and scalable web application. ■ Multiple channels can be recorded, monitored and visualized. ■ Automatic indexing by closed caption. ■ Data imported from the EPG, run log and previously created metadata. ■ Keyword searches. ■ Email alerts sent and automatic clips created when the system detects information being analyzed. ■ Information imported and exported with XML. ■ Connection with other datamining applications through Videoma's API Module based on Web Service. ■ Standard definition (SD) and high definition (HD) broadcasting monitored. ■ Customized cataloguing through metadata fields. ■ Platform available in English or Spanish. 	<p>Workflow</p> <p>Although Videoma Broadcast Monitor is designed to support a wide range of workflows, the content's lifecycle, from its capture to its publication, can be summarized in the following sections.</p> <p>Recording television and radio</p> <ul style="list-style-type: none"> ■ Broadcasts are recorded through recording units controlled and programmed from the Capture Module. Capture can be operative 24/7 or defined by time slot. ■ In the case of multicast recordings, the signal is captured through IP gateways that send the information contained in the MPEG2 transport stream. The program stream is grouped in bundles called multiplexes that contain the broadcast, subtitles and the EPG (electronic programming guides). The system allows access to a broadcast seconds after the recording starts. All material captured in the platform as a broadcast is automatically precatalogued by channel, date and time <p>Transcoding</p> <ul style="list-style-type: none"> ■ If resources online need to be accessed, a heavy broadband cost can be incurred. This means that automatically converting material that will be used by a variety of users at the same time is important. That could include transcoding high quality formats like MPEG2 to other low quality formats like WMV a 300 kbits, for example, to not take up excessive storage space. This also facilitates connection for users that connect to the system from outside the local network. <p>Automatic resource recognition</p> <ul style="list-style-type: none"> ■ When the broadcasts are provided with closed captioning, textual information can be extracted, including the broadcast's transcription. When this is possible, searches in the file are faster using keywords and showing a storyboard of the results. This way, the database turns into a search engine of related video and text. Content can also be extracted from the EPG or the run log if there is relevant information. <p>Integration with FINGERPRINTING and SPEECH TO TEXT technologies.</p> <ul style="list-style-type: none"> ■ Videoma recognizes and stores patterns to identify acoustic fingerprints or registers of voice. <p>Clipping and management</p> <ul style="list-style-type: none"> ■ The system can be configured to automatically or manually do press clippings and send email alerts when information under analysis is identified. ■ VBM carried out basic functions that are extremely helpful for later editing. Visualization, generation of clips for EDLs (Edit Decision Lists), insertion of water marks and effects, association of documents (Word, PDF, PowerPoint, Excel) to content, extraction of stills from a video, etc. <p>Cataloguing</p> <ul style="list-style-type: none"> ■ This is one of the most important points of the workflow since good documenting means content that is easier to look for and find. Media cataloguing is organized hierarchically by frames or catalogue templates as the backbone from which the metadata is derived. Metadata can be edited via VBM. <p>Search and recovery</p> <ul style="list-style-type: none"> ■ Videoma Broadcast Monitor makes group work in an organization easier since it is a web application and allows sharing elements, views, documentation, etc. The user can configure the searches, depending on the metadata introduced during the cataloguing stage. Other more automatic searches are based on closed caption. The search module supplies reports. <p>Flexibility when using content</p> <ul style="list-style-type: none"> ■ Resources that have been stored can easily be exported to other systems. They are integrated with datamining technologies to draw up statistical, or more complex, reports. Using the API Module, based on a Web Service, content can be published on a web portal. ■ Videoma Broadcast Monitor adapts to a large variety of clients' workflows: institutional press rooms, press clipping agencies, production companies, broadcasting councils, etc. It is a flexible tool that allows the user to publish resources on different mediums: cell phones, websites or any other type of medium.
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