DML AUDIO

24/7 DIGITAL MEDIA LOGGER AUDIO

**LAW OBBLIGATIONS, ADVERTISMENT CERTIFICATION, COMPETITOR MONITORING, AUDIO STREAMING OVER INTERNET**

- Single & Multi-channel audio recording
- Archive any logging period 30, 60, 90, 180, 365 days …
- Capture in Mp1, Mp2, Mp3,Wma, Wav, etc…
- Export to CD, DVD, e-mail...
- Free player with calendar for audio retriving
- Accurate GPS Date and Time synchronization
- Alarm notification via E-mail and SMS
- Audio Streaming over IP for maintenance e surveillance
- Languages: ENG, ESP, ITA, FRA, and more

AXEL TECHNOLOGY

DML AUDIO

DML AUDIO is designed for:

- Radio broadcasting law obligations
- Customer advertisement certification
- Real time monitoring of radio programs
- Audio quality surveillance
- Streaming over Internet
- Competitor surveillance

Functional Scheme
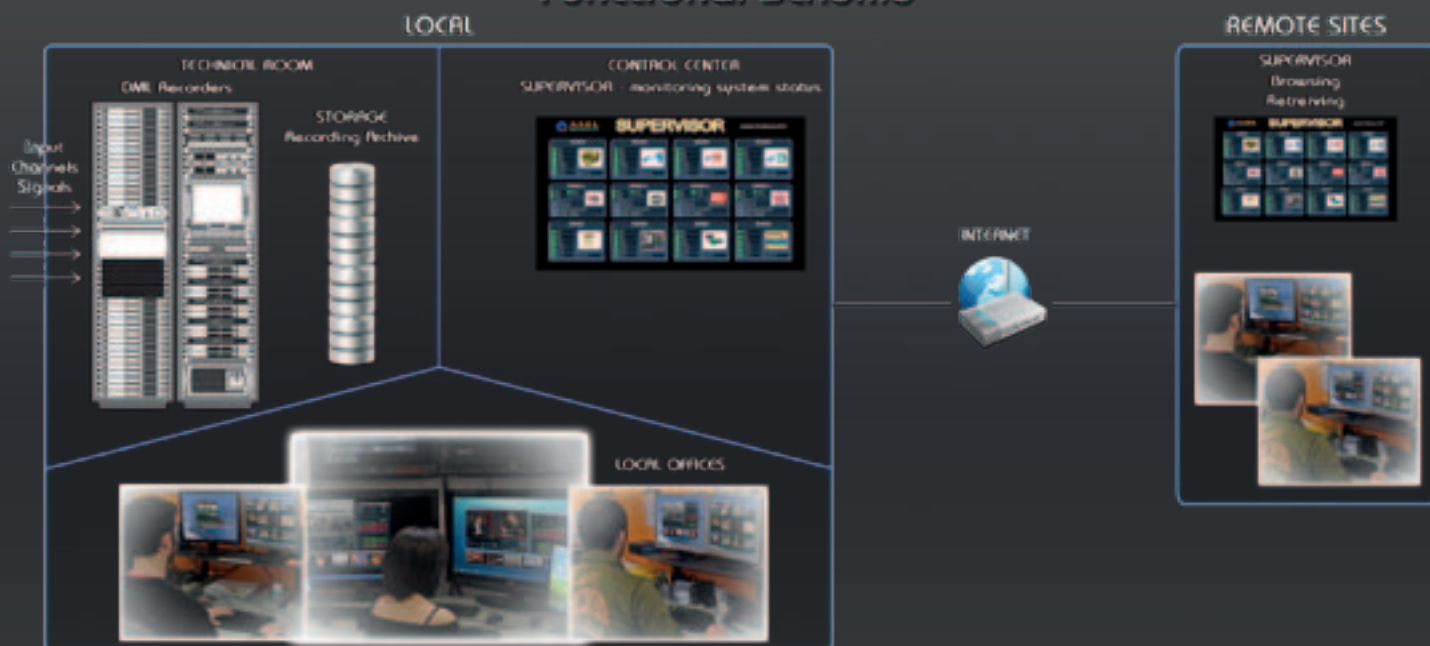
MAIN FEATURES

DML AUDIO logging system features non-stop recording, long term archiving, content browsing and media export/conversion.

DML AUDIO records audio feeds coming from the widest range of sources (RF, antenna, decoder, stereo line etc) and stores them on hard disk (recordings stay on line depending on hard disk capacity, usually 30/60/90 days as required by laws in most of the countries).

DML AUDIO system is totally maintenance free and the oldest recordings are overwritten by the newest ones automatically.

Audio compression and sound quality can be chosen according to archive space and requested logging period.Recording quality may as high as the original broadcasted program.

The contents are available directly on **DML** as well as from any networked computer, never stopping the recording.
With **DML Player free** software application, the contents can be easily exported and copied to external media such as CDs, DVDs and converted to the most popular audio formats.

DML AUDIO fles are standard audio files, which can be also played on any multimedia player.

System status is constantly monitored either locally, thanks to **DML** embedded tools, as well as from any networked computer running **DML Monitor free sofware** application.

Any eventual alarm can be notified via email or SMS.

- **Zero operating costs**: the system is completely automated and totally maintenance free. Non stop 24/7 recording.
- **Reliable**: advanced auto-diagnostic tools guarantee continuous up time.
- **No cassettes**, time lapse recorders, rewinding times,waste of storage space, maintenance costs, etc.
- Automatic management of world **time zones** and **daylight saving**.
- Accurate date and time **displayed by DML Player** and added to the files as metadata.
- **Instant playback** on any networked PC for content browsing, basic editing and conversion.

TURNKEY SYSTEM AVAILABLE

- Audio formats on **MP3**, **MP2**, **PCM**, and customizable compression ratios and bitrate.

- **Data security**: featuring RAID architecture, content is preserved in case of disk failure.

- **Remote system monitoring** from any LAN or Internet connected Pc.

- **Easy content export/conversion** with Mark-In and Out points. Flexible transcoding to most of audio formats.

- **Audio playback** from standard audio card outputs.

DML AUDIO RECORDER:
Non Stop Audio Logging and IP Streaming

DML Recorder supports a large range of audio formats, compressions and resolutions, from the standard uncompressed PCM to any compressed format.

Simultaneous capture and Windows Media © **streaming** allows to listen to the recorded feeds from anywhere through Internet.

DML Audio architecture is **future-proof** and conceived for the easiest integration of any new audio format.

Date and time information are **embedded** into the recorded files by the software, and also displayed on PC screen and multimedia players.

Accurate date and time certification is guaranteed through synchronization to GPS satellites time reference with **Axel Technology**'s **Sat Time Synchronizer** receiver.

DML recorder status is constantly monitored by auto-diagnostic tools. In case of alarms, the operator is warned via **email** or **SMS.**

Monitored parameters: Disk activity / Audio preview / Audio presence / Instant data-rate / Average data-rate / Audio stream integrity.

DML RECORDER

DML AUDIO PLAYER:
Content Searching, Browsing and Conversion

DML Player is a free software application for real time content browsing from any networked Pc.

Exclusive **simultaneous multi-channel playback** allows accurate temporal comparisons.

The **calendar** shows available recordings. Just 'click' on desired date and time to start playout.

Go To date / time function allows **direct playback** to specific recorded events. Capability to jump to specific date and time using generic Log files.

Mark-in & Mark-out tools along with additional basic editing tools allow extraction of audio sequences.

Fast **export or conversion** in native or popular formats to fit all distribution and storage needs: CD, DVD, E-mail, etc. Mark point positioning is frame-accurate using handy scroll & drag bars, along with keyboard shortcuts.

DML PLAYER

DML AUDIO MONITOR:
Remote Monitoring Via Lan

DML Monitor is a free software application for real time monitoring through LAN or internet of DML systems.

DML Monitor's user interface is customizable to display up to 25 channels simultaneoulsy on a single PC screen.

DML Monitor displays current each recorder, together with **status** info, systems logs, streaming audio and the upcoming of **alarms** or parameters out of range.

DML MONITOR

DML AUDIO OPTIONS

MULTICHANNEL RECORDING:
multiple audio signals on a single equipment.

SUPERVISOR:
monitors multiple unit status and connected devices, managing hierarchical alarm levels and notification via email, SMS, fax, etc.

Suggested for multichannel environments.

Featuring automatic system recover and emergency intervention (such as spare units activation, A/V routing, remote control of A/V matrix, asynchronous serial communication and GPI, etc.)

XMAM:
fast and simple integration with Axel Technology's Media Asset Management System.

Simple export of media content for organization, searching and browsing.
XMAM is a Web-based, user focused interface that supports access and processing of digital assets like video, audio, images, documents and presentations.

It supports standard web browser navigation without additional client software needed.

SAT TIME SYNCHRONIZER:
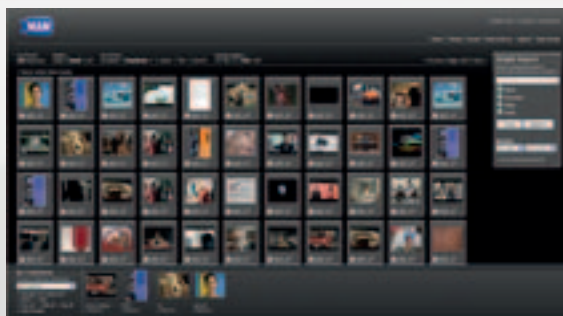allows an extremely accurate synchronization of Pc clock to GPS satellite reference.
Recommended for tamper-proof date / time certification.
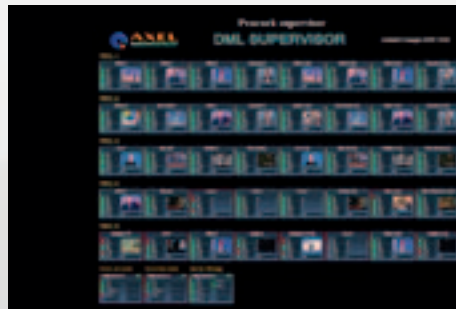
MULTIPLE CHANNEL SYSTEM SUPERVISOR

ARCHIVING & CATALOGUE

GPS RECEIVER

DML AUDIO TECHNICAL SPECIFICATIONS

MINIMUM SYSTEM REQUIREMENTS

Operating System	Microsoft Windows™ XP SP3 / Seven
CPU	Intel Pentium4 3GHz Core2 Duo – QuadCore suggested
RAM	1 GB – 2Gb suggested for multichannel recordings
VGA	1024x768, 24bits
Audio Board	Windows compatible audio cards
Suggested HD / security	SATA / RAID 5

DML AUDIO AVAILABLE VERSIONS

Single
MultiChannel

DATARATE & STORAGE:

AUDIO FORMAT	AUDIO BIT RATE	1 DAY REC	90 DAY REC
MP3	64 kbps	3.8 GB	338 GB
Wave	96 kbps	10 GB	900 GB
	128 kbps	12.5 GB	1.2 TB