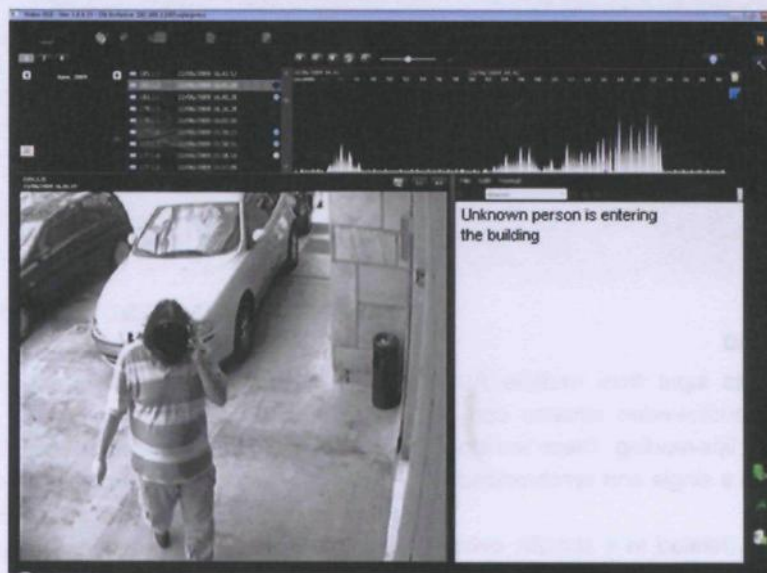# MCR VISIO

MCR VISIO is AREA's new digital recording and interactive management platform for video interception.

The solution has been specifically designed and developed for LEAs and includes typical interception-related features such as:

- Powerful tools for the management of transcriptions and comments about the recorded events, while preserving the original without any manipulation (digital signature)
- Printouts of the intercepted/recorded events
- Report generator for easy creation of investigation-related info summary, customizable with templates
- Friendly user interface hides a powerful sw engine
- Multi-lingual support

MCR VISIO client-server architecture enables the handling of multiple activities, collecting inputs from several sources, in a single centralized infrastructure, with evident economic and organizational advantages. It can be adapted to a wide range of analog and digital cameras and supports real-time video target streaming along with analysis of stored files.

The large selection of recording methods and options allows the operator to customize video shots in order to adapt the interception to specific needs and application scenarios.

Unknown person is entering the building

Real-time

Monitoring of all active video cameras gives the operator a complete view of all monitored locations. Cameras can be managed according to the operator's needs: they can be zoomed in or out; they can be tilted and panned (PTZ control).

MCR VISIO already integrates control protocols for AXIS and PANASONIC cameras. Customization for use with specific cameras can be arranged for specific projects.

Recorded Video files

Operators can retrieve and manage at any time stored video files. The choice of start time for playback can be easily made: the *timeline* (with zoom-in functions, to allow higher granularity) included in every recorded video and the *bookmark* feature, give operators the freedom to browse among time intervals and to play, store or export parts of a selected video.

Recording time can be planned in advance, by telling MCR VISIO the daily schedule of an interception activity, for each camera currently connected to the system.

Recording mode can be defined: i.e. Continuous recording, Recording upon movement, etc.

Video recordings are particularly helpful when combined with MCR VISIO *multiview* feature, for cross analysis of multiple recordings.
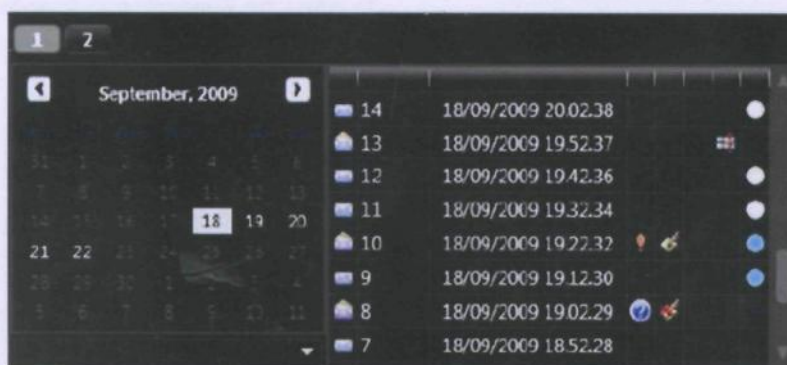
MCR VISIO offers many innovative and unique features, including:

MULTIVIEW

MCR VISIO manages efficiently different multi camera modes. Operators can view one single camera window, or multiple cameras. When more than one camera window is present, the operator is allowed to configure windows layout and priority, for both real-time playback and saved video recordings. Each video window is actually a *tab* which can be detached from the main window and moved onto other monitors, if available (i.e. real-time playback of an investigation on a screen, and transcription of a report on video frames of another investigation, on the second screen).

CONTENT SEARCH

With the *search* feature, operators can look for a specific content among MCR VISIO's recordings, by applying filter criteria, including search for date, time, relevance, bookmark or transcription.

ADVANCED MOTION DETECTION

MCR VISIO offers an advanced recording mode, based on the definition of *active areas* on the screen, with inclusion/exclusion zones. The operator can select areas of interest where MCR VISIO will focus its motion detection engine, with user-defined motion thresholds to start recording. These *active areas* also can benefit from an automatic zoom in case motion is detected.

Recordings made with *active areas*, share the same modes (i.e. *Continuous recording, Recording upon movement*, etc.) as other recordings.

INTEGRATED LIVE AUDIO

MCR Visio also accepts input from multiple Audio sources and specific audio+video streams can be merged together, i.e. for lips-reading. These two inputs can then be exported in a single and synchronized A/V output file.

Time-based bookmarks (related to a specific events) can be associated with multiple audio+video tracks.

Operators can write notes and comments for any single (audio OR video) source.

DATA MANAGEMENT

MCR VISIO comes with a suite of tools to manage data, which are mainly images and videos.

- Screenshots of the current video(s) can be saved into the clipboard.
- AVI export of entire videos, fractions of videos and time spans that can include multiple videos.
- Monitor management, to set format (4:3 or 16:9) or to split screen for advanced visualization

MULTIMEDIA CLIENT-SERVER MODE

MCR VISIO infrastructure was designed to consider different bandwidth availabilities. When contents are stored remotely and operators need network connections to access them, Visio's client-server architecture can detect the network's throughput and modify its access speed to allow operators to get the best quality videos that the network can guarantee. This feature doesn't affect stored videos, that won't change their real quality: only the network transmitted contents will adapt to the line conditions.

SECURITY

All files recorded by MCR Visio are signed with a digital key in order to avoid any manipulation. The software license can be loaded from a USB token. Fine-granular access rights for users and system administrators and complete log of all events and activities.

AREA
www.area.it