ASL

iVENCS
CORE +

CCTV

OVERVIEW

The iVENCS CCTV module allows for control and monitoring of an entire site's CCTV equipment, or for disparate equipment from different manufacturers, spread across many locations. The operators can view the surroundings in real-time via the iVENCS 3D model, and be alerted to any incident captured on CCTV as it occurs. The module includes the routing of video to third-party monitors, or to built-in iVENCS workstation monitors with on-monitor controls, and third party or ASL iVENCS video wall control. iVENCS video walls can also include other information such as incident timers, KPI reports, and alarm lists. CCTV functions include recording control, event logging, 'walk the route' sequences, and integration with other subsystems including video analytics, intruder detection, fire detection, help points, and access control.

RESPONSE AUTOMATION

Cause and Effect rules can be set up to automatically control which CCTV views are displayed, so that iVENCS CCTV allows an incident to be responded to in an instant. As an event occurs, iVENCS will immediately switch the nearby camera's view onto the workstation monitor or video wall, and will automatically start high rate recording of the incident. For instance, if a site or line operator receives a Help Point call, the workstation monitor can be set to automatically display the nearest camera's view of the calling Help Point.

INCIDENT TRACKING + 'CLICK-TO-VIEW'

If an incident has occurred on site, or someone has been reported as behaving suspiciously, iVENCS CCTV enables the user to immediately view the area and to easily track any suspects.

'Tracker' mode enables users to simply click on an area on the 3D site model to select all CCTV cameras with coverage of the selected area, and to display those camera views on the workstation monitor or video wall. To start high rate recording, the operator can simply click on a CCTV image on the monitor.

The 3D nature of the site model helps operators to easily understand the situation, and is especially useful when viewing incidents or tracking suspects. The operators can simply navigate through the 3D model to follow a suspected individual on a site. In rail systems which include on-train cameras, operators can simply step on and off the trains where they are shown on the platforms on the 3D model, to follow a suspect on CCTV along their journey.

'WALK THE ROUTE' SEQUENCES

If a site operator wants to regularly view a particular route around the site or building, the module's 'Walk the Route' CCTV Sequences feature can be used. The operator can select a sequence of cameras, and the module will then automatically show each camera in the sequence one after the other. This enables a virtual walk around the site, to monitor all areas. Sequences can be stopped, paused, and stepped through either forwards or backwards. All sequences are stored on the system, and are always available for future use.

CAMERA CONTROL

Intuitive camera control allows the operator to easily keep a constant eye on the site. The number of camera views displayed on the local iVENCS monitor is also customizable, according to how many cameras the operator wishes to monitor at any one time, and this can be extended to multiple monitors or to an iVENCS video wall if desired. Soft joystick PTZ control is provided as are PTZ camera presets.

Site control is quick and easy, operators can immediately make a live speech or recorded public address announcement to the area covered by the CCTV camera, or can put messaging up on the local displays. If there are audio listening facilities, then this can also be controlled, either for third party monitors, or direct from the iVENCS CCTV monitor. There are also other ways to manually select a specific camera, including searching a traditional camera list, searching by camera location or description, or manually clicking on the camera within the 3D model.

With a choice of both automated and manual camera control, iVENCS CCTV offers maximum flexibility for comprehensive CCTV management.

Assessed to ISO 9001

LPCB Cert No: C1043

Assessed to ISO 14001

LPCB Cert No: C1043EMS