



iVENCS

everything's under control

- Intuitive 3D graphical interface
- Comprehensive library of equipment types
- Distributed processing with multi -site redundancy
- Scalable and modular architecture
- Based on open standards
- Remote access web client
- Cross platform support
- Flexible upgrade path



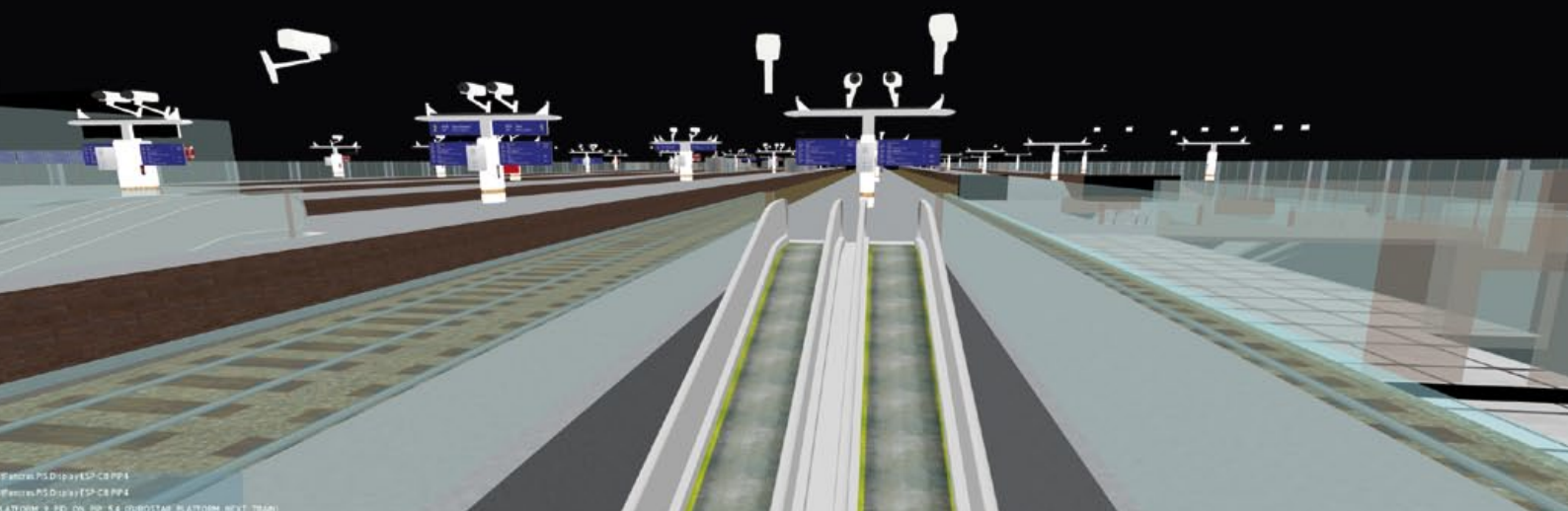
An open and intuitive 3D integrated management system offering robust control, monitoring and incident analysis across all safety, security and connected building subsystems.

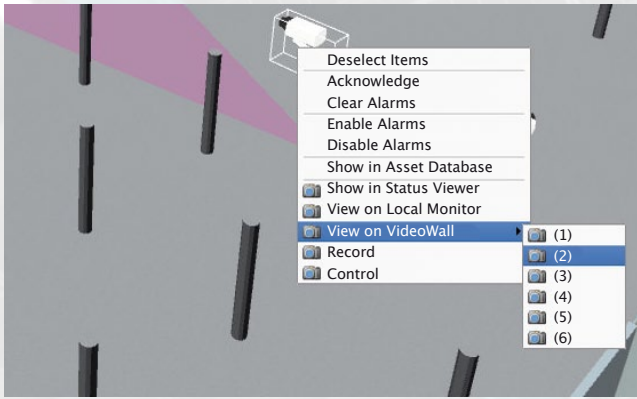
Placing iVENCS at the heart of your control room protects assets, manages risks and drives down operational costs by offering a powerful set of 3D visualisation and event analysis tools, with the precision control required for an efficient and coordinated response to real-time events.

Whether it's a single workstation at a school, an international airport, or a global portfolio of facilities monitored centrally through regional command hubs, iVENCS delivers a platform based on a distributed and modular architecture which scales to support tens of thousands of field devices across the spectrum of analogue, digital and IP equipment manufacturers.

Cross platform and built entirely around open standards including a new generation of secure Publish & subscribe technologies; iVENCS makes the best of bandwidth and processing resources, freeing you to use off-the-shelf hardware in a way that fits your organisational need - with pervasive redundancy as standard and without being locked into vendors.

ASL Group has been delivering safety rated voice, data and video solutions to world class infrastructure operators in aviation, rail, traffic, power generation and retail for over 20 years. To book a demonstration or view a video case study please visit our website at: www.asl-control.co.uk





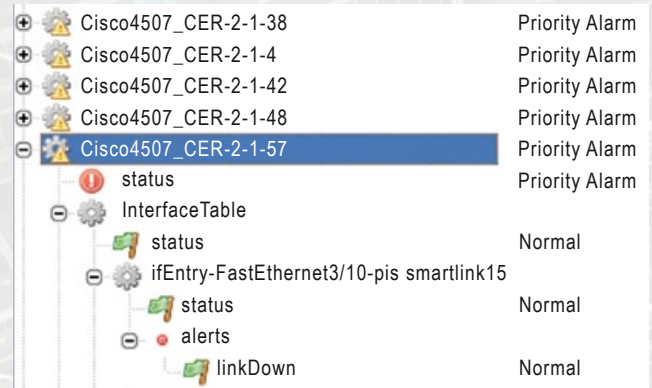
intuitive point and click commands

connect systems & create possibilities

iVENCs features a powerful set of tools which combine and analyse inputs from across separate systems to ensure standard procedures for safety, security or maintenance are met by operators, facilities and management with a comprehensive audit trail of actions. For example a help point call might trigger a CCTV camera to record at full frame rate and display on a section of video wall, or a prolonged absence of human activity from motion sensors and video analytics can trigger a power reduction profile for lighting, advertising displays and background music.

empowered staff

Operators are presented with a simple and intuitive 3D user interface which places everything at fingertip control, whether it's making a PA announcement, panning a camera or zooming in on a perimeter intrusion alarm. Alert events are prioritised and routed intelligently to the relevant job role. A training mode gives operators the ability to play out lifelike scenarios within a safe simulated environment, and without the need to purchase and maintain additional training workstations.

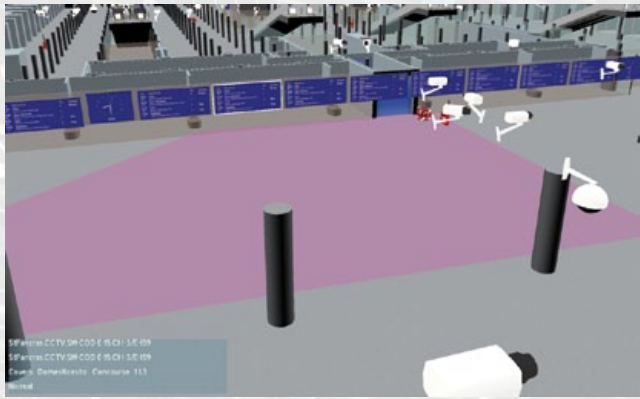


fault trees pinpoint defective equipment

lower operating costs

Equipment downtime and maintenance costs are reduced with intelligent alarm handling. Building equipment failures are prioritised and escalated to inhouse and external maintainers according to their impact on operational continuity. Contingency plans are automatically enacted where necessary. Detailed diagnostic information in the form of a fault tree accompanies alerts along with suggested corrective actions. With a single click the operator is transported through the model to the effected equipment or rack location without the need to hunt through log files and check site plans.

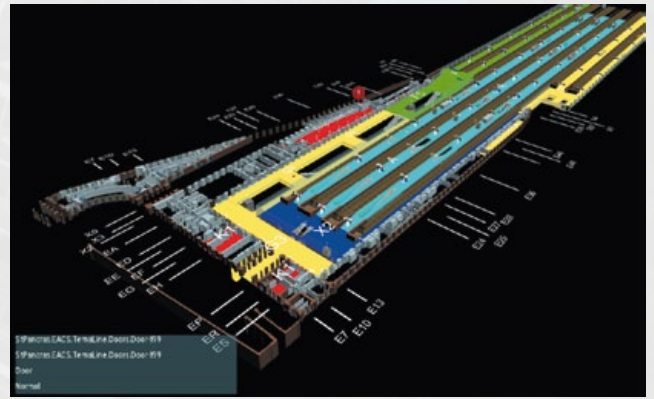




precise 3D equipment locations and coverage areas

start small & grow fast

The journey from isolated systems and a muddle of monitors can be a difficult one. That's why iVENCs allows you to start with just one system on single PC and screen, knowing that there's a seamless upgrade path to a fully redundant infrastructure scale solution with numerous system types, operators, and locations. iVENCs is available on a flexible licensing model incorporating back-up and training licenses at no extra cost and with no limits on the number of devices being controlled.



overlays show status of fire and evacuation zones

another dimension in control

Importing a model of your facility into iVENCs is simple. Start with 2D CAD plans and use any popular 3D package, including Google SketchUp®, to create a model ready for import and final population with devices and zone overlays. ASL provides a full design service in this area. Populating your model with potentially tens of thousands of devices just became much easier thanks to iVENCs' unique 3D Equipment Designer which allows authorised users to accurately place any item of field or rack equipment in the model along with coverage cones for CCTV and speakers and zone overlays for fire and voice evacuation. Device configuration data can even be imported using a spreadsheet wizard.

pervasive redundancy

Full support for multi-path redundancy and use of watchdog services guarantees maximum system availability with immediate failover of local and remote software processes or hardware. Should any equipment fail - an operator would hardly even notice.





application example - international transport hub

St Pancras International is Europe's largest rail hub. Several iVENCS workstations offer control and monitoring of over 8,000 devices across 16 communications, security and life safety subsystems.

These include CCTV, BMS, network switches, passenger help points, long line public address, voice alarm, access control, passenger information displays, vehicle barriers and telephones.

The system incorporates advanced features for failover and redundancy between operational and backup locations. This will allow other stations to assume a disaster recovery role for St Pancras in the event of a control room evacuation



Each operator has four screens incorporating a lifelike 3D model of the station and all relevant control functions including video spot monitor, video wall and audio announcements. Equipment faults and events are filtered and routed intelligently according to the role of the operator.



ASL safety, security & control.

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www.asl-control.co.uk



QUALITY ASSURED FIRM
CERTIFICATE NUMBER 96-LON-AQ-041



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