Information Pack

TITANVISION™

Complete, Bespoke, Integrated IP CCTV and PSIM Solutions

Visual Management Systems Limited is a specialist provider of complete, bespoke PSIM (Physical Security Information Management) and integrated CCTV systems. Our flagship solution is built around the Titan Vision software application and assures the following capabilities:

Connectivity and Integration

Titan Vision integrates multiple disparate security systems including video surveillance, access control, perimeter intrusion detection, fire and safety, public address and building management. Titan is an open system that connects with products from other vendors.

Configuration Management

Titan Vision is able to define and change policies and parameters related to various connected devices in the underlying subsystems.

Programmable Logic

The Titan Vision PSIM suite extends to a programmable logic control (PLC) module to enable broad programmability of the system for users in complex security environments with multiple integrated systems. PLC allows us to create detailed cause and effect automation and response in even the most complex integrated solutions.

Geospatial Visualisation

Titan Vision contains functions for mapping and spatially visualising the actual situation independently from active events. This capability allows us to present end users with a picture of the nature of the incident, the location and the scope of any threat. This module includes maps, schematics and 3D representations of buildings and plant.

Response and Workflow Management

Our workflow and response management capability, Titan Command, presents users with step-by-step instructions on how to respond to an event. These are detailed, rule-based workflows and are presented within the software in order to maximise the user response to any incident.

Audit, Reporting and Analysis

Titan Vision provides a comprehensive audit and reporting capability that enables detailed forensic review of an incident and the response. It is easy to create customised reports that allow for analysis of multiple events in order to optimise policies and workflows.

Resilience

Solutions built on Titan Vision have the capability for immediate disaster recovery, business continuity and redundant operation. This includes backup systems (servers, databases, network) for automatic transfer of control room operation. Our solutions include selfmonitoring capability to protect the integrity of all the integrated systems while maintaining automatic vigilence against threat.

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Features

Completeness
- High quality imaging: 25 images/second/real time video
- Remote diagnostics
- Video analytics
- Audit trail
- Alarm cause and effect: when an alarm is tripped, all relevant cameras are displayed
- Patrols and presets
- Map interface and real time representation
- Layered mapping
- Ability to input any video stream, including from web servers, HDMI, TV and 3rd party VGA
- IP multiplexing with sequencing
- Simultaneous control of 8 cameras
- Network video recording
- Integration of other security systems including fire alarm, access control and PID

Usability
- Drag and drop matrix for entire network
- Web-based reporting
- Tabbed control interface for easy access to different components and devices
- Easy configuration, including configuration by the end user
- True remote connection for multiple users

Quality
- ONVIF compliant
- iLid compliant
- IP network optimisation for high quality image data
- Bespoke integrations if required
- Open platform enables use of the very best hardware and other technology

State of the Art
- Hardware independent software
- Cross-manufacturer device support

Titan Vision is also delivered by our technology partners on an OEM basis, where it is used as a flexible system management platform to control a range of asset security

Benefits

- Completeness of solutions comprising hardware, software and engineering services
- Low cost of ownership as a result of true open standards
- Excellent, intuitive user interfaces that make systems easy to use
- Our experience delivers assurance that assets are secure and monitored
- Open protocol software means easy migrations and upgrades
- The very best hardware from trusted brands
- Scalability
- Compliance and governance

Titan Vision is provided directly to customers in a range of sectors:
- Retail
- Military and defence
- Border security
- Police, cell complexes, prisons
- Transport, ports, airports
- Energy, oil & gas, nuclear
- Utilities, national grid
- Urban centres
- Museums and galleries
- Universities and colleges
- Hospitals

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