

MSCP

MULTI SENSOR CONTROL PLATFORM



Real Time Surveillance for any environment

MSCP is a unique Software Security Platform, designed by Zone Advanced Protection Systems to control and display electronic information from third party legacy or disparate systems and security devices.

MSCP provides real time situational awareness of the monitored environment, all this information is displayed on an intuitive GPS based map display, pin-pointing the exact location of security incidents. Combining camera technology with disparate sensors, confirmation of incidents can be achieved visually and then tracked if required.

MSCP solution provides the operator a complete visual display of the secured environment.

MSCP provides the security manager with a secure, redundant and scalable system that can be used for the largest and most demanding security management tasks. To the security systems integrator it provides a single platform and interface for a limitless range of devices and sensors.

Networking

MSCP uses a unique form of "Peer to Peer" communications to direct control of site nodes and data between operator stations. The major benefit of "P2P" is that it provides MSCP with a software redundancy mechanism, ensuring that in the event of a hardware failure the control site systems are transferred automatically and instantaneously to the next "peer" on the network, without the need of human intervention.

Benefits of P2P

- › Increased robustness
- › Shared system resources
- › All nodes are equal
- › Replicated data over multiple peers in case of node failure
- › Automatic data updates via other peers
- › No single point of failure

Applications

- › Airports & Seaports
- › Border Control
- › Industrial Facilities
- › Military Encampments
- › Petrochemical Facilities
- › Infrastructure Protection
- › Temporary Installations

Features

- › Control existing surveillance equipment
- › Open modular architecture
- › Integrate DVR's, camera controls (PTZ), access control systems, environmental detectors, underwater sonar detectors, ground radar and other security solutions
- › Monitor thousands of devices from a single node or multiple node locations
- › Extensive SQL database, for logging and actioning of alarms

Control

MSCP can control a vast range of legacy & disparate systems, using standard network protocols and infrastructure. The following list has been and is currently being integrated into MSCP

Digital Video Recorders and subsequent composite CCTV cameras	Fence based Perimeter Systems
Digital CCTV cameras and IP security cameras	Counter Sniper Systems
Pan Tilt Zoom Cameras	Sonar based Anti Swimmer systems
IP Video Servers	Millimetre Wave screening systems
Megapixel Cameras	Access control devices
Ground Based Radar Systems	Video Analytics
Alarm Devices	Facial Recognition Systems
Spatial recognition and detection systems	Object and Pattern recognition systems
Building Management systems	

Multi Level Control Mapping

The mapping-GUI component of MSCP has been designed to allow multiple levels of maps and more importantly provide scalability, whether it is a Global network of sites or a Single site map, detail is important. All maps are northerly orientated and can be rotated to suit the users needs.

Virtual Video Matrix

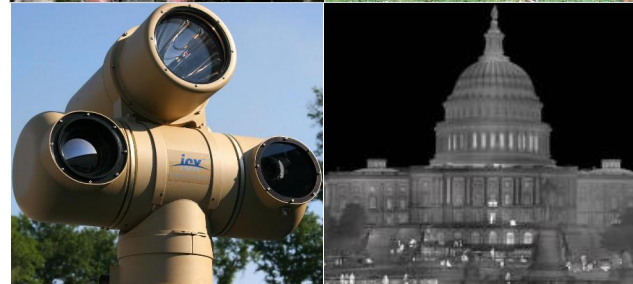
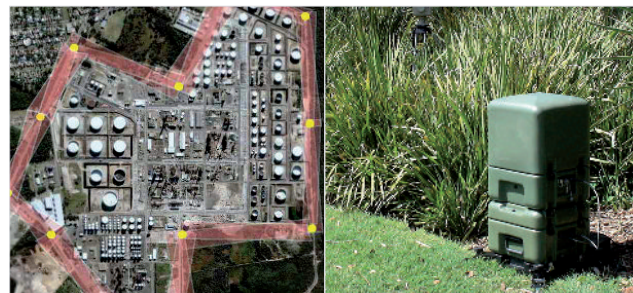
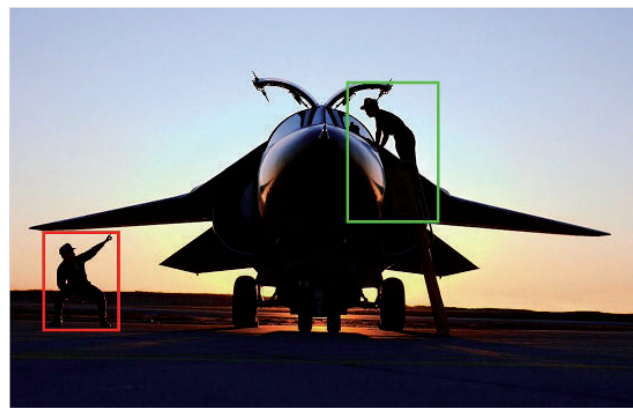
With the advent of Digital Video Recorders, Network Video Servers and Network Cameras, it is now feasible to replace the analogue matrix switcher with a software based alternative – MSCP. Users can pre program camera/s and display monitor/s, in a single screen or a multi screen format. This functionality allows the user to create video walls via a click of the mouse.

Integration and Custom Design

A major benefit of MSCP, is the ability to easily integrate with third party devices to create a single and complete Real Time Surveillance system. With the provision of third party software development kits, integration of those systems is possible on a job by job basis.

Zone MSCP – A New Technology

Providing Real Time Situational Awareness
of New Threats to the World's Communities



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