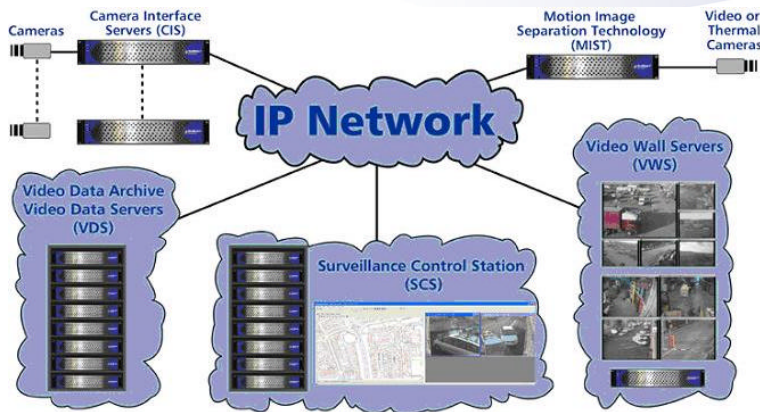




Intelligent Surveillance Systems for 21st Century Asset Protection

Developed by AR&T Ltd 'NetWatch' is a suite of networked intelligent video surveillance products providing security conscious organisations with the all tools needed to manage IT based CCTV security.

The use of Intelligent Video Systems will eventually transform the way companies and governments protect high value assets. The realisation that machine 'visual intelligence' can be more reliable and cost effective than humans for routine surveillance will enable users to reduce surveillance budgets and increase the effectiveness of response teams and prosecutions.



NetWatch is modular, scalable, 'networkable' and enables the worldwide exchange of high quality digital surveillance video. It provides an essential surveillance system management structure to assist in combating crime and terrorism.

The NetWatch suite of products guarantees end users have a fully compatible system, able to detect incidents, to communicate with, and transfer video data to all required locations without loss of quality or data integrity.

Surveillance Control Station (SCS) provides the human interface with NetWatch servers; Surveillance Control Stations enable operators to control all system functions and to view all live and recorded video. They also provide tools for camera control, downloading video, audio communication, map functions, and server configuration and maintenance.

Each remote server maintains its own event logs, recording the operational status of all its cameras and hardware. The SCS provides operator access to these event logs enabling maintenance and system audit.



Motion Image Separation Technology (MIST) a reliable and sophisticated object detection and tracking system providing an early indication of intrusion from objects (including people) entering or moving through restricted areas or routes. The system detects and tracks objects that obey a set of qualifying rules. When these objects cross 'Virtual Trip Wires' placed in the video image by the system administrator, the system raises an alert for the operator and gives a clear and precise visual presentation for the cause of the alert. The picture shows the thermal image of a boundary fence protected by 'virtual trip wires' draw into the NetWatch MIST view. Also available in a rapid deployment version – **MIST-RD**

Sea Ranger - enables new levels of intrusion detection for Coast, Ports, Docks and Harbours. Using a combination of standard vision and thermal imaging cameras, 'Sea Ranger' detects and tracks all moving objects in the cameras fields of view.

Sections of sea and dock areas can be designated 'restricted'. The area enclosed in the red lines in the picture shows the concept.

