

# NetWatch<sup>®</sup> Intelligent Video Systems

## MIST<sup>®</sup> Motion Image Separation Technology



**Motion Image Separation Technology (MIST) is a new and sophisticated object detection and tracking system capable of 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 conform to sets of rules. When these 'objects' interact with 'Virtual sensors' 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.

Virtual Sensors' include: Virtual Trip Wires (VTW), Virtual Cages (VTG) and Virtual Warning Zones (VWZ) all of which can be drawn into the scene using interactive tools.

Tracked objects leave paths from where they were first detected to their current position.

Used in conjunction with the NetWatch CCTV product range, MIST can activate hi resolution normal vision PTZ cameras to home in on and record the virtual sensor activation. MIST servers record pre and post alarm video.

MIST can operate with multiple targets, showing tracks of past positions and predicted future routes based on general heading. Path prediction maintains object tracking even when an object is temporarily obscured.

### MIST Features

- Fully integrated with the NetWatch product range
- Compatible with most Thermal Imaging cameras
- Operator notification when Tracked Objects interact with Virtual Sensors
- Detection rules configurable to suit application requirements

### User Benefits

- Extremely low false trigger rate
- Improved site vigilance
- Minimal operator interaction required
- Quicker response to potential threats
- Reduced operating costs

When equipped with TI cameras, MIST detectors can provide reliable 24-hour intruder detection under all weather conditions on land, sea and air at ranges of up to 30km.

Applications include: asset protection, search and rescue, process control etc.

In conjunction with NetWatch, MIST can be built into large corporate or military networks. Such systems can then detect remote events and distribute the resulting video data to all locations on the network.

All the surveillance system management tools available with other NetWatch products are equally applicable to MIST. MIST servers may be retrofitted to existing video systems to improve performance and reduce operator stress. The visual displays are easy to understand and simple to operate

AR&T support clients through the planning stages and can configure MIST systems on client's premises if required.



**MIST identifies potential threats and, using the NetWatch infrastructure, alerts users and enables informed responses.**

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