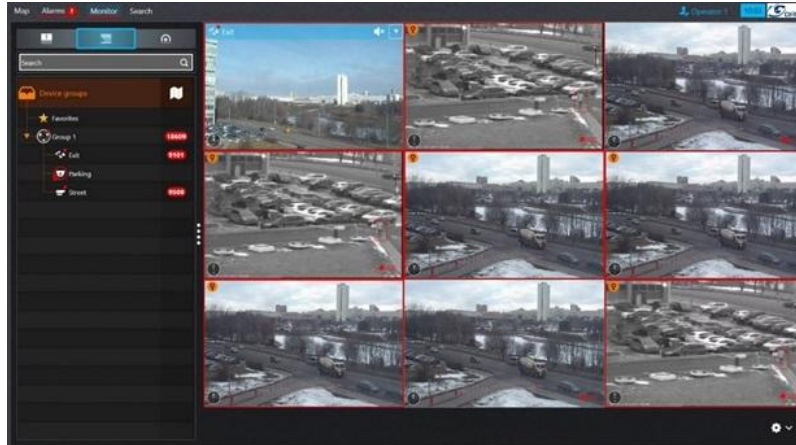


DNI3000 Intelligent Video NVR Management Software System



DESCRIPTION

The DNI3000 Series is an **Analytics based Video Motion Detection (VMD)**, Recording and Management software system. As a newest generation product that employs video recognition algorithms, it provides the highest accuracy and lowest rate of false alarms with outstanding performance. Features include: abandoned objects, over barrier thrown objects, tripwire intruder detection and tracking, fire detection, stopped vehicle detection with vector (wrong direction) tracking, unmanned aerial vehicle patrol with objects, persons detection and tracking. DNI3000 Series are solutions for high risk, sensitive video surveillance installations.

FEATURES

- * Advanced analytics VMD Software System
- * Server and Client based, Windows OS
- * Supports multiple sites, hundreds of cameras
- * Virtual Matrix, OSD with joystick Controls
- * Unprecedented low rate of false alarms
- * Perimeter version for fixed and PTZ type
- * Supports visible and thermal cameras
- * Drone (UAV) surveillance/tracking version
- * Left objects, over barrier thrown objects
- * Tripwire intruder detection; vehicle vector
- * Alarm link from fixed to PTZ - auto tracking
- * Digital map with video camera placement
- * Access via Client PC and Smart Phone

APPLICATIONS

- * Homeland Security
- * Correctional Centers
- * Petrochemical Industry
- * Corporate and Banking
- * Casinos and Hospitality
- * Health Care Centers
- * Schools and Universities
- * Government and Military
- * Power Generating Plants
- * Traffic Surveillance (ITS)

ORDERING INFORMATION

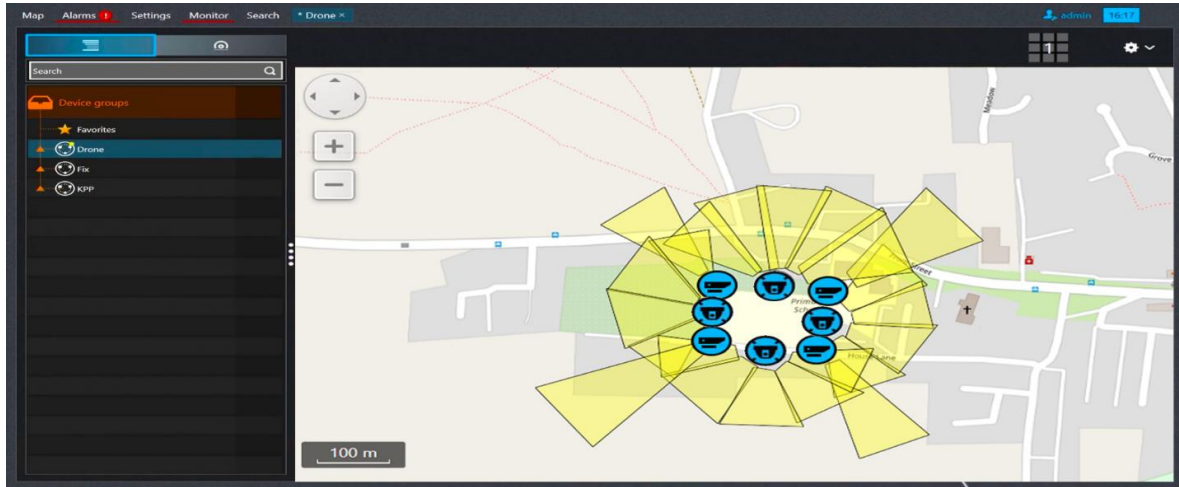
DNI3000-100	Standard VMS, basic NVR Server license
DNI3000-210	Analytics Fixed camera Server License
DNI3000-220	Analytics PTZ camera Server License
DNI3000-270	Over barrier thrown objects detection (add-on option)
DNI3000-280	Camera Tamper Detection (add-on option)
DNI3000-10C	Client Software 1-10 license pack
DNI3000-50C	Client Software 1-50 license pack



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Perimeter protection technology employs network fixed cameras, movable (PTZ) camera systems on poles or near fences with sensors. DNI3000 software installed in servers, analyze video motion detection (VMD) and results are displayed on Client computer screens. Video images are stored in VMS (Video Management System) and available for viewing and searching by security operator with Admin privileges.

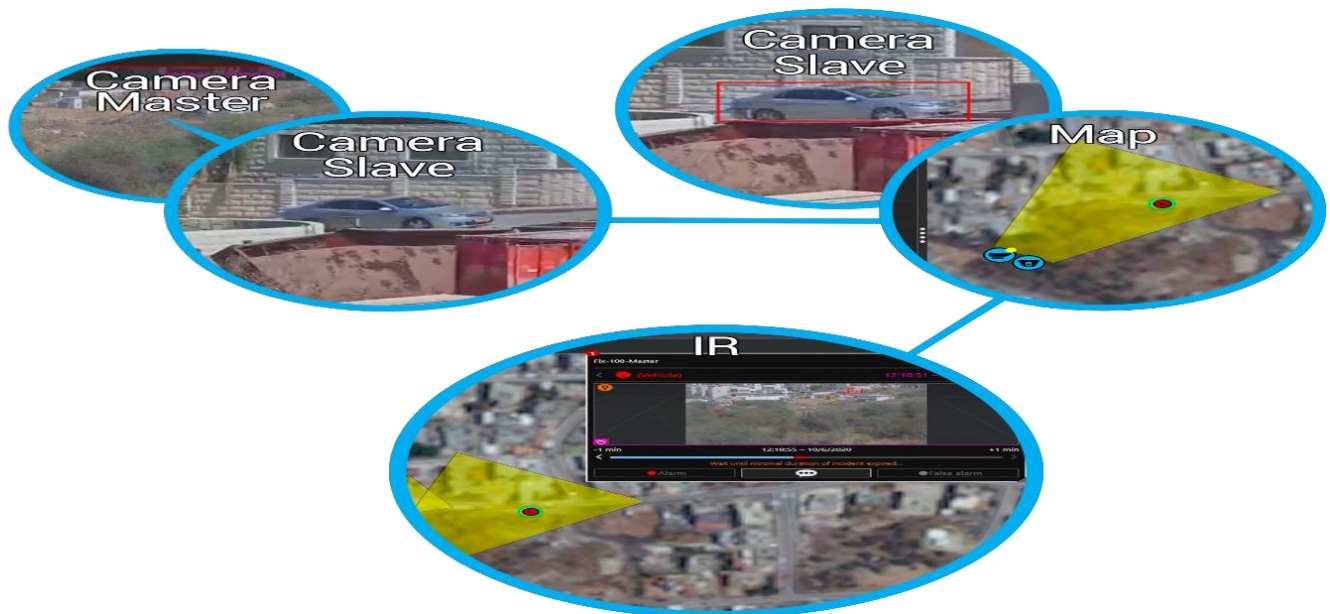


Master (fixed) camera recognize an object (red frame)

Alarm link to Slave camera (PTZ) enables it to zoom in on object

Slave PTZ camera recognizes the object (red frame)

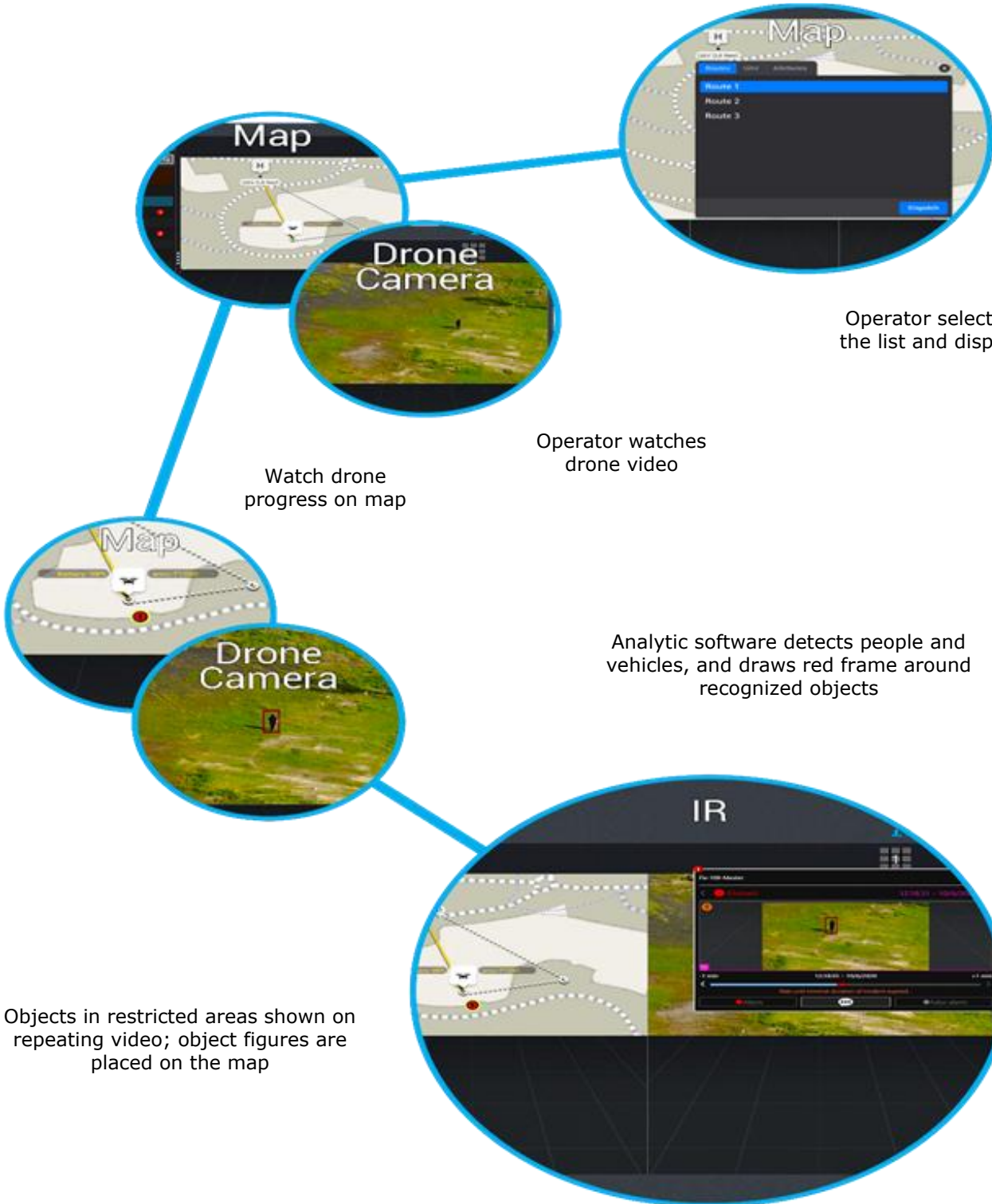
Recognized object is placed on map



Operator sees repeating video of the event and should react on alarm. Operator sees video and intruder on the map



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Operator selects route from the list and dispatches drone

Operator watches drone video

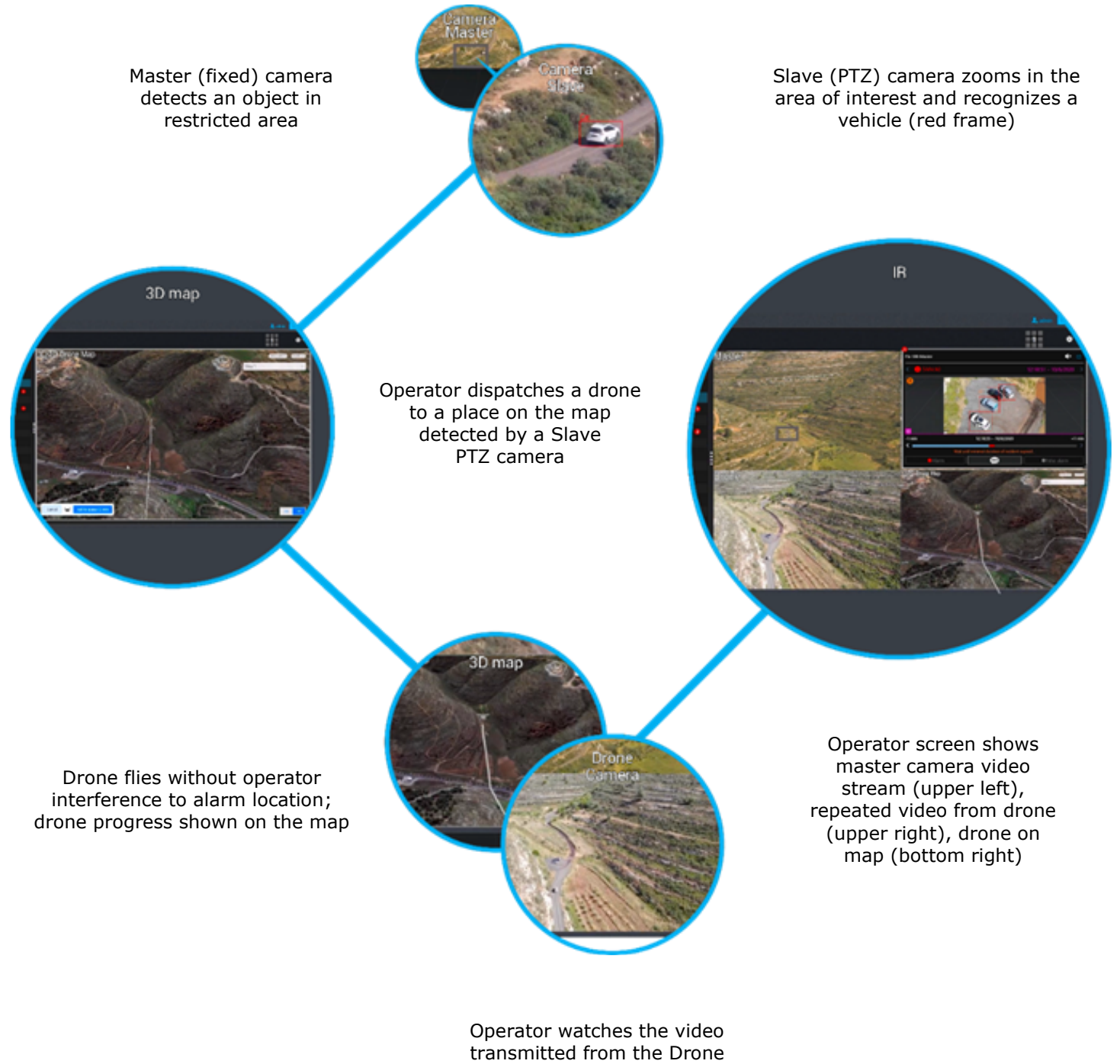
Watch drone progress on map

Analytic software detects people and vehicles, and draws red frame around recognized objects

Objects in restricted areas shown on repeating video; object figures are placed on the map



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Video Motion Detection via Analytics

Abandoned Object, Stopped Vehicle Detection

DNI3000 detects and identifies objects including vehicles, boxes, luggage, etc. of specified sizes and submits an alert if stopped or left in an area for more than allowed period of time.



Intruder Detection, alarm link and tracking

DNI3000 detects intruders entering into a secured area. Upon intruder detection DNI3000 software informs the operator by displaying:

- * Alarm message; Alarm link to PTZ Camera
- * Enlarged PTZ camera view (zoom 4x)
- * Auto Tracking of intruder via PTZ camera
- * View from associated fixed camera



Object classification, number of objects per camera and vector (directional) alarm

System may mark and track up to 50 moving objects, classifying them as human or vehicle. Tripwire detects persons and objects such as vehicle moving in wrong direction and triggers alarm.



Thrown Object Detection

DNI3000 will detect objects thrown over a designated restricted area such as border fence. This function is useful in detecting illegal activities in critical facilities.



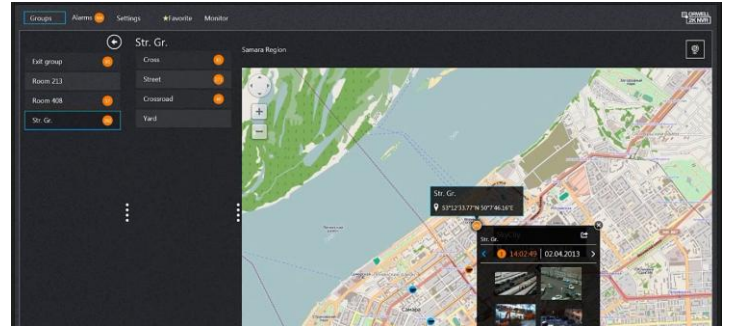
DNI3000 Intelligent Video NVR Management Software System



Virtual Video Matrix Switcher

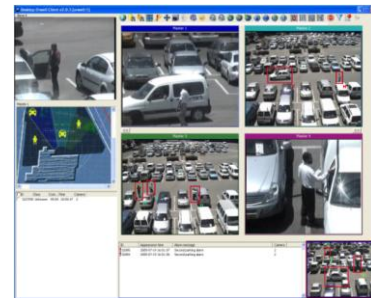
Video access by digital map

Cameras are calibrated to a drawn or captured satellite image. The location of cameras and targets in the monitored area are illustrated. By clicking on a camera, image is displayed. Selection of a target will change its color. Person, vehicle may be tracked by PTZ camera. Map enables an operator to know the physical location of each target and react.



Access to PTZ video through digital map or fixed camera window

To focus PTZ camera on selected place of interest, either double click on selected location of digital map or single click on location in fixed camera window



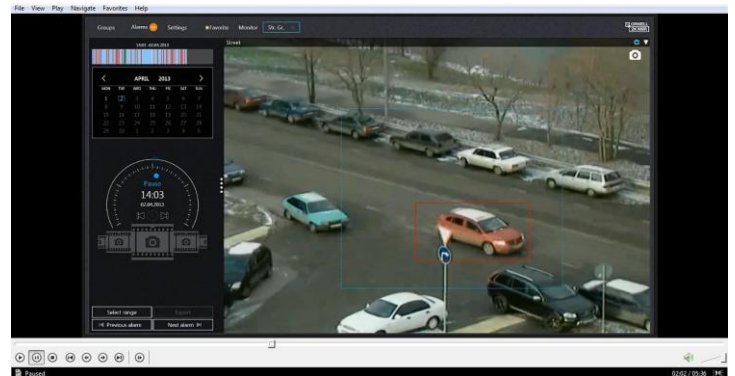
Network Video Recorder

All video, events and operator activities recorded into searchable database

DNI3000 employs event driven or manually selected camera recording to reduce storage. Action taken by the operator or changes made to the system are stored in the Event log for further access and investigation.

Advanced playback functions include Pre and Post alarm viewing

Instant alarm replay functions allow immediate playback of event. Operator may display alarm event and recording at the touch of a key.



Client Software on Workstations

Scalable Solutions

Adjustable interface with multi camera – multi terminal options provide scalable security solutions to satisfy client requirements. Images may be viewed by PDAs via GPS.

