

*VideoSeer*<sup>®</sup> **Intelligent Video Surveillance**



**BAE SYSTEMS**



## Improved Productivity for Surveillance Activities

*VideoSeer*<sup>®</sup> is a video surveillance tool developed by BAE Systems Australia, which greatly reduces the manual effort required to analyse and review large amounts of video data. This is achieved by using a sophisticated set of image processing, tracking and analysis algorithms to reduce hours and weeks of recorded video data down to minutes of events of interest for review.

*VideoSeer*<sup>®</sup> optimises the productivity and effectiveness of security personnel, dramatically improving surveillance operations. The unique combination of rigorously tested and field-proven automatic detection and behaviour pattern matching tools provide the following key benefits:

- Dramatically improved productivity in surveillance activities
- Automatic detection and identification of human, vehicle and other activity using sophisticated analytical tools - reducing hours of video recordings to minutes of relevant activity
- Effective live security and surveillance over low bandwidth communications
- Rapid classification of identified activities
- Effective remote operation

*VideoSeer*<sup>®</sup> is effective across a range of applications including infrastructure and asset surveillance, ports and harbours, prohibited areas, long term lifestyle monitoring, and targeted surveillance applications of warehouses, factories and other environments.

## System Description

*VideoSeer*<sup>®</sup> consists of Centralised and Remote Site subsystems:

- *VideoSeer*<sup>®</sup> Analyst provides analysis, classification and reporting tools, and data storage
- *VideoSeer*<sup>®</sup> Remote provides video capture, processing and recording applications, and can also be supplied with an integrated camera unit.

In addition *VideoSeer*<sup>®</sup> can be integrated with other current BAE Systems Australia products including the Universal Video Management System (UVMS) – a highly scaleable digital video recorder, and data mining tools utilising intelligence from other databases to make inferences or revisit data based on consistent information.

## System Tools

- **Site Configuration Tool** - used to remotely setup policies for a surveillance site. The analyst is able to define registered objects including doors, windows and zones such as exclusion and suppression zones.
- **Event Analysis Tool** - allows the operator to download event data from a remote site or rapidly review and analyse event data stored locally. The flexible user interface, designed by analysts, displays various tailorable graphical views of events in a timeline.
- **Pattern Analysis Tool** - provides a graphical means of observing patterns in the event data over longer periods of time.

## FOR MORE INFORMATION CONTACT:

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