

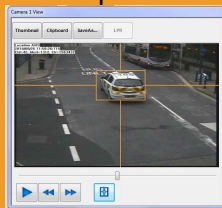
Monitor Overload



Beyond One Eighty console integration



VTC - Traffic Compliance



VCAP - Critical Asset Protection



VFA - Frequency Analysis



Videalert supplies sophisticated software solutions which analyse real-time video CCTV feeds and instantly deliver critical information and data for a variety of uses. The company was formed in 2004 and the solutions delivered today are the product of many man-years of research and development, tested in real world situations.

Videalert's mission is to take CCTV from being a passive viewing tool to a valuable, pro-active tool, significantly enhancing and improving the safety, security and management of many different types of infrastructure and physical assets.

Much reputational damage has been done to "real-time CCTV analytics" by software companies and camera manufacturers who have promised much using video motion detection (VMD). In the real-world VMD is close to useless, as VMD systems keep falsely alerting camera operators to the point where they often switch the systems off or disable them. Also, many studies have shown that after about 20 minutes of monitoring CCTV cameras even the most conscientious operator's performance drops to such a level that over 90% of events and incidents are missed.

Videalert's intelligent real-time analysis can be programmed to:

- direct the CCTV operator's attention to specific events for investigation and immediate corrective action
- automatically collect information without any operator involvement
- deliver instant event information to other software/hardware systems

With ever increasing number of CCTV camera deployments the use of smart real-time analysis software is the only way forward. The return on investment (ROI) is compelling as operating costs are driven down and risk is eliminated.

Move your CCTV Enforcement into the 21st Century

High-Level Product Overview

Videalert has 3 solutions as follows:

- **VTC** Traffic Compliance – enforcement of moving and static traffic offences, governed by the Traffic Management Acts. Within this solution is a specialist Unattended Bus Lane Enforcement solution approved by the Vehicle Certification Agency
- **VFA** Frequency Analysis – people and vehicle counting in real-time with the collection of detailed statistics about footfall and traffic levels, with sophisticated end-user query tools
- **VCAP** Critical Infrastructure Protection – generation of instant alerts for incidents and events that the system has been pre-programmed to look for

See the individual product sheets and partner integration for more detailed information.

The solutions use standard server type Windows PCs, typically running 4-8 analysis channels per server. CCTV video feeds can come from all the major camera types: PTZ, static, IP, analogue (PAL or NTSC), colour, thermal, infrared etc, so they can be easily added to existing camera installations or included with new deployments. In situations where direct connectivity to the camera is challenging or expensive, ruggedised PC's can be deployed beside the cameras and information send back as needed to a central location using either 3G, WiFi or COFDM mesh connectivity.

Videalert, ever vigilant, never misses an incident



Company and Product Overview







Standard Solution Features

All of the Videalert solutions are built around a common software framework and the following are standard features of every product:

- Support for static and PTZ cameras, IP or analogue (PAL or NTSC) connections and ability to analyse video feeds from a variety of different camera types: colour/greyscale, day-night hybrid cameras, filtered infrared and thermal imaging
- Dynamic Scene Learning (DSL) enables rapid assimilation of any scene - analysis can begin within seconds of the system being started
- The user can define the following using a simple and intuitive GUI:
 - single and multiple overlapping areas of interest (AOI) from a single camera
 - virtual tripwire or perimeter, protecting an object or physical area
 - 'linked alerts' allowing the association of separate events before an alert is raised
 - objects being abandoned
 - people or objects remaining static in a scene for a period of time (car stopped on hard shoulder)
 - people or objects remaining within a scene for a period of time (loitering)
 - definition of minimum and maximum size and shape of objects of interest
 - directional tracking
- On the occurrence of an event of interest, the user can define one or more required actions:
 - production of traffic or security video evidence pack, with pre and post alert video
 - UDP or TCP message alerts, allowing interfaces to external systems and consoles
 - email alerts
- Sophisticated analysis graphics enable users to watch what is happening and tune the system
- Full central management console for easy system monitoring and maintenance
- People and object counts can be viewed in real-time

Partners

Videalert sells its software directly and also supports a full partner eco-system

| Solution Partners | Technology Partners |
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For more information contact Videalert Limited as follows:

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