

# WATCH GUARD



## VIDEO EVIDENCE FROM POLICE PATROL VEHICLES

- More time for front line policing
- Less time administrating
- Higher conviction rates
- MOPI & PSN compliant

**CODE 3**





## A game changer for UK policing

Watchguard from Premier Hazard/Code3 is a MoPI and PSN compliant solution for gathering and processing video evidence from mobile policing units such as traffic patrol, firearms units, and incident response units.

The intuitive and ergonomic design of the Watchguard in-vehicle equipment makes it easy for Police Officers to operate, whilst also withstanding the rigors of everyday Police operations on the road. The automated event marking, data-transfer, reporting, and archiving/purging software, means a dramatically reduced overhead for administration, whilst ensuring high-quality evidence is available to secure higher conviction rates.



# Increase your Force's conviction rate

Although one of the most important parts of Policing is to pursue and bring to justice those who break the law, the pursuit can often be easier than achieving a just outcome.

Whilst video evidence has been used for many years to support prosecutions, the quality of images has often been so poor that it has stopped Court proceedings in their tracks. In other cases, despite having expensive mobile CCTV installed on vehicles, the equipment has subsequently been found to have failed at a critical moment, and therefore no video evidence exists.

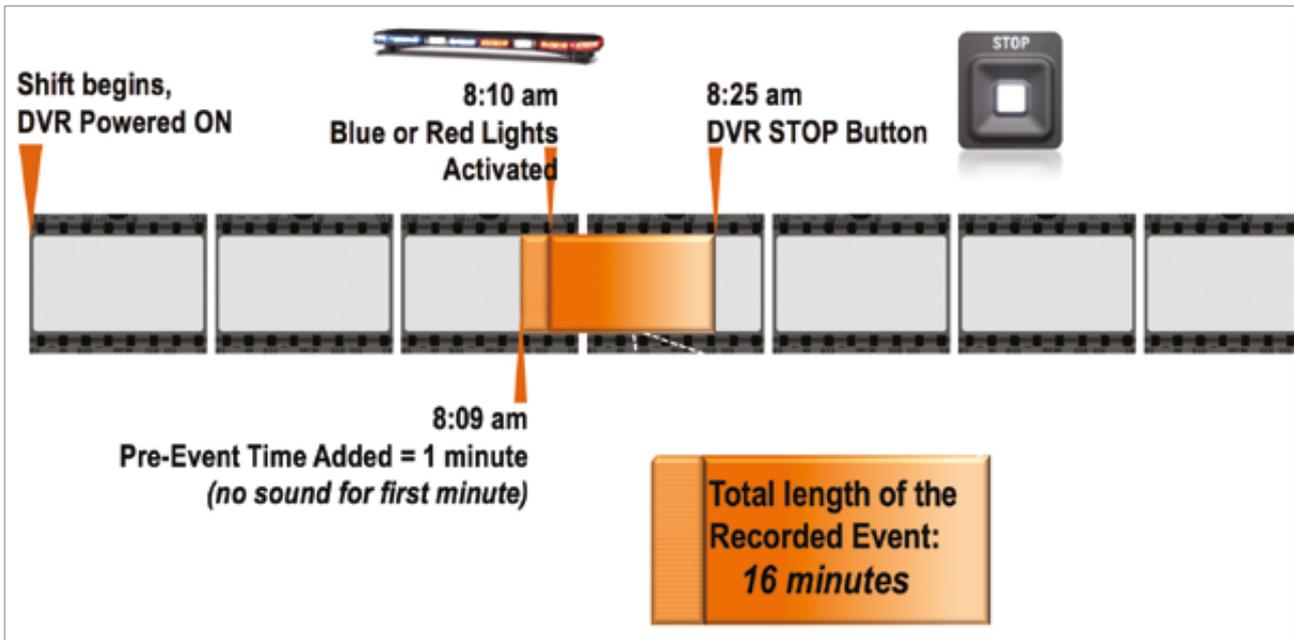
The Watchguard system helps to overcome these problems in a number of ways:

- **High definition** – the system can record simultaneous high definition and standard definition images, and automatically assign the preferred image quality relevant to the event. For instance, an interview with a suspect on the rear seat would often be acceptable in standard definition as their face is in close proximity to the camera. On the other hand, the detail of a seat-belt or mobile phone in a distant vehicle may require a high definition image in order to successfully resolve the required level of detail. Assigning the desired resolution to event type can be done automatically, or an optional manual override function can be used for complete flexibility.



▲ By using high definition video it is possible to achieve higher levels of detail to secure conviction. By using the Watchguard semi-automatic zoom camera, it is possible to get close up to the required detail in most situations.





▲ Pre-recording of event triggers such as blue lights means you capture the full event and ensure a complete trail of evidence to help prosecute and secure a conviction.

- **Pre-recording of events** – an event can be triggered either automatically (by activating blue lights for instance), or manually by the Officer. In either scenario it is often found that the event started prior to the trigger. To overcome this, and to ensure that the evidential trail is complete, the Watchguard system can automatically start the recorded event prior to the trigger. This is achieved by a continuous buffer recording in the background in both high and standard definition streams. The start of the event can be pre-configured by a number of minutes and manually edited later by using the unique Watchguard “record after the fact” capability if required.

- **Rugged media** – the in-car digital recording unit features both an automotive-grade hard drive, and a solid state USB stick. The hard drive is specially designed for the high levels of shock and vibration seen in high-speed and off-road police pursuits, and it is used to continuously capture evidence from all cameras and sensors whilst the vehicle ignition is on (and indeed for a user-definable shut-down interval after the vehicle is switched off). All marked events are transferred from the buffer to USB memory in realtime, where they remain locked until successfully transferred to the server or client computer. When confirmation is received that events have successfully transferred, only then will the file lock be released on the in-vehicle media.

This combination of high-definition images, pre-event recording, redundant media, and automated file transfer acknowledgement, all help to ensure exceptionally high levels of integrity, and ultimately to increase the Police Forces rate of conviction.

# Law Enforcement Video Systems, Body Cameras, In-Car Video and Evidence Management Solutions



# More time for Policing...

One of the biggest complaints from Officers toward in-car video surveillance technology is the amount of time it takes them to process it at the end of their shift. Watchguard changes that...

In traditional video recording systems, the Officer will manually retrieve the data from the vehicle, transfer it to a computer, and then begin a long editing process to find the start and end points for the required events. This is not only time consuming, but often means that some events from a shift are missed if considered low-risk. Furthermore, the size of video data files, from multiple shifts and numerous Officers, can quickly add up to a significant amount of data to store, thus presenting an additional burden to IT staff to purge the out-of-date or irrelevant files. Watchguard overcomes these problems through the clever and yet simple use of tagged files, resulting in Watchguard being the first fully MOPI compliant digital video surveillance system to be deployed operationally in the UK.

- **Event tags** – during a typical Officer's shift, a number of events will occur. The Force can define their own customisable list of event tags which also include a purge interval, together with preferences for resolution. This makes it extremely easy to administer evidence, as it is automatically assigned to an Officer with its time and date, location, category, and purge date.
- **Automated transfer** – at the end of an Officers shift he no longer has to transfer and process evidence. All the event files from his shift are automatically transferred wirelessly to the server and he doesn't usually need any further involvement. If the Officer was also wearing the optional Watchguard Vista Body Camera, their footage is automatically uploaded and synchronised for a multi-camera view of events.
- **Management Of Police Information (MOPI)**  
– The system automatically purges data at the end of its retention period i.e. non-evidential 31 days, traffic offence 2 years, firearms 7 years, etc. This ensures data is retained for the correct legally required and permissible period without overburdening the IT resources for storage and administration.



▲ The Watchguard event tags are fully configurable including their retention period, to ensure full MoPI compliance and automated purging for optimised data management and reduced IT overhead.

## ...less time administrating

By combining realtime event tagging and secure wireless data transfer, we have designed a system which delivers an increase in the amount of time available for day-to-day policing, improves the availability of evidence, and reduces administrative overheads, without compromising evidential integrity.



## Designed by Police...

Watchguard is no ordinary mobile surveillance system. It has been specifically developed in close cooperation with Police and Law Enforcement Agencies in a number of countries. In doing so, we have been able to include numerous features specifically based around Police Force operations.



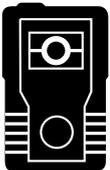
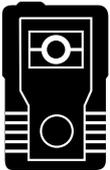
▲ The unique Watchguard secure mobile wireless zone enables Vista bodycameras and other in-car Watchguard systems to communicate, trigger and tag events, and synchronise for a multi-angled view at a crime scene.

## ...for Police

- POI's in pursuit** – during a high-speed pursuit a suspect may try to throw potential evidence from a car window. Watchguard includes a special “bookmark” function which the Officer in pursuit can press. This marks the location with a flag on the video enabling a quick search for the moment that evidence was thrown, and also includes the GPS coordinates enabling the Officer to easily return to the scene afterwards to retrieve evidence.
- Blue events** – whenever blue lights or the siren are activated, the Watchguard system will mark the start of an event. However, sometimes an Officer may want to briefly activate blues at a red traffic light for instance, even if there is no event in progress yet. Watchguard allows a user-definable grace period (typically 5 seconds) so blues can be activated without triggering a false event.
- Live streaming** – optionally the Watchguard system can be fitted with a 3G/4G SIM card to facilitate live views of video from remote locations. This can be particularly useful in high-speed pursuits or events which involve firearms, where decisions can be better made from the operations rooms by a Commander.
- Notes** – the in-vehicle tagging function also has an optional notes page where an Officer can create free-text notes which are automatically attached to the event. All notes are searchable so names can be entered and retrieved or matched later.
- Active directory** – the in-vehicle equipment and the client software are compatible with Active-Directory, enabling easy logon for officers using their existing ID and passwords. This reduces the administrative overhead for IT, and makes it easy for Officers to login to the system.
- In-car review** – if a suspect refuses to admit an offence, the Officer can easily playback the event on the Watchguard screen in the car. Whilst playing back, the system continues to record from the internal camera to capture the suspects reaction. This includes audio and video so any admission can be recorded.
- PSN compliant** – Watchguard has already been shown to meet all the requirements for security and penetration testing on the UK Public Services Network (PSN) and is in live daily operational use by UK Police Officers.
- Body-camera and multi-camera integration** – the optional Watchguard Vista body camera system can automatically synchronise with the in-car system, and indeed with other Watchguard cameras on a scene. A single press on any camera will trigger a recording event on all devices with the Watchguard wireless zone at a scene, and will automatically tag and synchronise the evidence from all devices once uploaded to the server. This provides an incredible multi-angle view of a crime scene with minimal effort to combine and tag the event.



Watchguard is the first mobile video surveillance system in the UK to be both MoPI and PSN compliant, ensuring data is transmitted and stored securely, and held according to statutory limits with automatic purging.



## Don't just take our word for it...

Mobile CCTV is now common place, with thousands of systems available, ranging from single dash-cams to multi-camera loggers. But Watchguard is unique as it has been specifically designed to work the way Police Forces need it to.



It is the most popular Police-specific mobile video surveillance system in the world with over 6,000 Forces using it, and over one third of the US and Canadian law-enforcement market. It is already deployed on active service in the UK, and it is the first MOPI and PSN compliant video surveillance system in the UK.

If you would like to find out more, we can arrange a live demonstration with a UK Police Force, loan of a liveried Police demonstrator vehicle, and arrange a free consultation service to help configure and tailor the system to the individual needs of your Force.





The Premier Hazard product range is always developing to include the latest technology for lightbars, LED lighting, sirens & speakers, control systems alongside vehicle-mounted camera & digital video recording systems.

For more information, contact us at  
Premier Hazard/ Code 3

**[Sales@premierhazard.co.uk](mailto:Sales@premierhazard.co.uk)**

**[www.premierhazard.co.uk](http://www.premierhazard.co.uk)**

**Tel +44 (0) 113 239 1111**



With its European Headquarters in Leeds, UK, ECCO Safety Group (ESG) is a worldwide leader in commercial and emergency vehicle warning and safety products. With seven manufacturing facilities on four continents – North America, Europe, Asia and Australia, ESG markets a portfolio of the most respected brands in the industry. ESG serves more than 500 OEMs and thousands more private label, fleet and aftermarket customers in a range of industries including heavy construction, material handling, utilities and emergency services. The ECCO brand supports the commercial vehicle (amber lighting) market and Premier Hazard/CODE 3 services the emergency sector.

Our people are passionate about safety and since 1972 ECCO has been synonymous with design innovation, premium quality and customer service excellence.

**///CODE 3**



Premier Hazard/Code3  
Unit 1, Green Park, Coal Road  
LEEDS, LS14 1FB.

Tel +44 (0) 113 239 1111  
[www.premierhazard.co.uk](http://www.premierhazard.co.uk)  
[sales@premierhazard.co.uk](mailto:sales@premierhazard.co.uk)

**ESG**<sup>®</sup>  
ECCO SAFETY GROUP