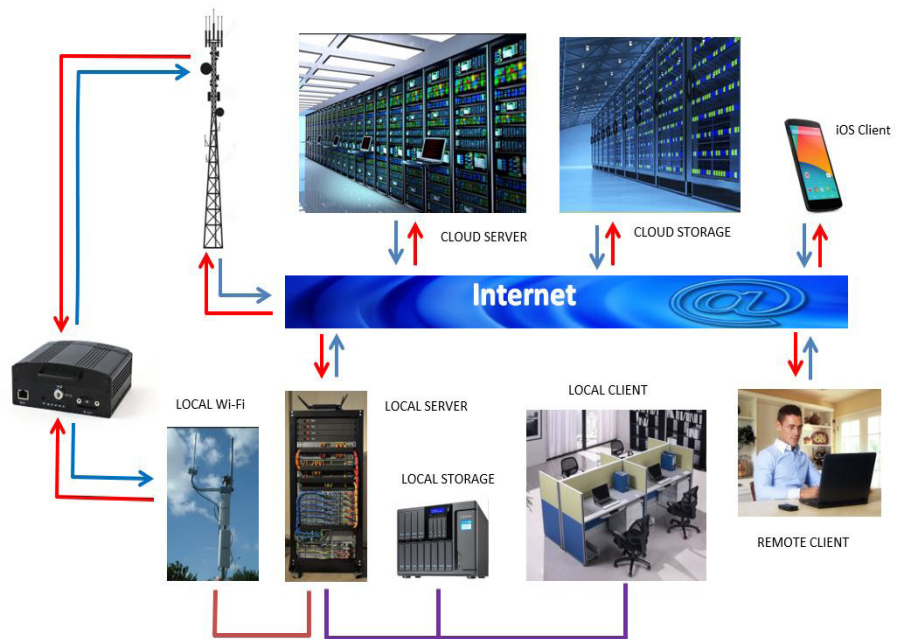# Remote Access, Live-View, Alerts and Video Retrieval

VISION

Increasingly all Vision DVRs are being supplied with a 4G modem to enable remote access to the system.

Remote access provides range of features that enable the customer to get the maximum benefit out of their system.

Remote Access options provide everything from a basic tracking all the way through to a fully managed service that provide the customer with comprehensive reports, recovery of video and full maintenance package.

CLOUD SERVER CLOUD STORAGE iOS Client

Internet @

LOCAL Wi-Fi LOCAL SERVER LOCAL CLIENT REMOTE CLIENT

LOCAL STORAGE

The Remote Access capabilities include

Live vehicle tracking
Live search of historic vehicle location
Live view of vehicle cameras
Real time notifications of alarm events
Remote retrieval of video footage off vehicle
Driven route reports
Individual alarm event reports
Statistical reports on key vehicle and driver parameters
Automatic video upload to server of an alarm event
Customisable alerts ad reports for...
    Driver fatigue alerts (Hours and rest time)
    Speeding within an area and specific routes
    Deviation from specified route (within specified hours)
    GEO Fence Specific locations and times
    Vehicle Stopped too long within specified times
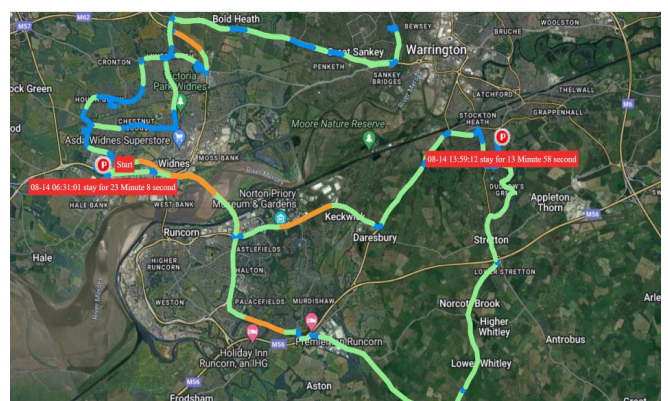*Alerts for issues such as video loss, drive errors and GPS faults*

*Dynamic Live and Historic search of vehicle location by geographic area*
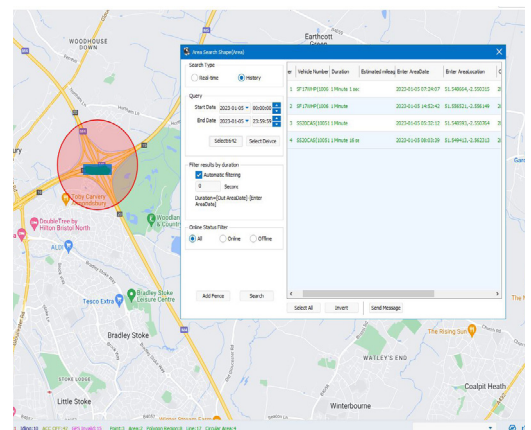
Journey Review shows vehicle journey history and significant changes in vehicle status during the journey

*Multi-camera live view of cameras from multiple vehicles*

The Live Platform can also be configured to automatically open a Live Video Portal to a vehicle when an alarm event occurs.
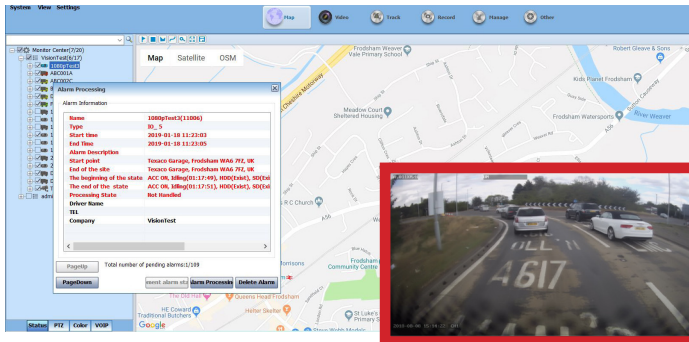

This feature is most often used by customers transporting high value goods where the driver wants a Control Centre to be immediately notified of an issue and observe the situation.

Report on - and send Real Time Notifications - of events such as High G Forces, Speeding etc. and system issues such as Storage Device Errors and Loss of Video.
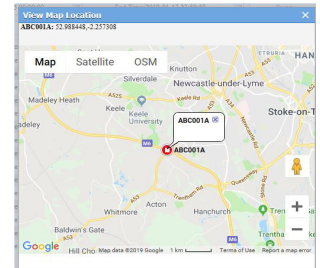
Both Android and iOS apps are available that provide access to the most commonly required information to be viewed on a smart device.
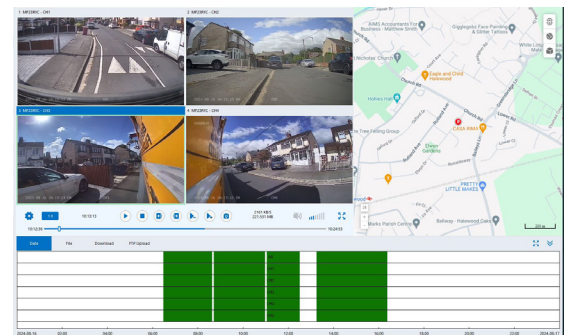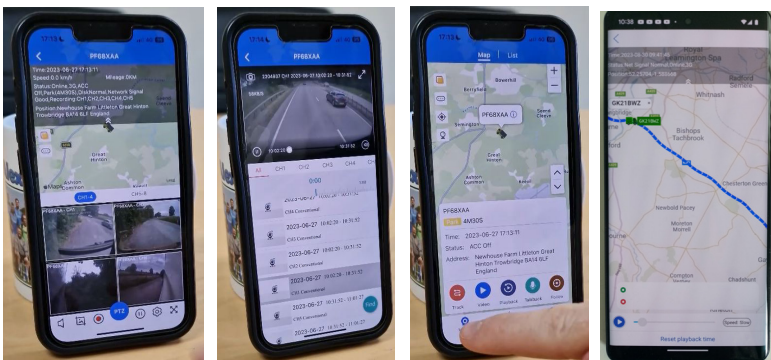
Remote Review and Download of Video stored on the in the vehicle device

Vision UK can also offer bespoke support packages to meet practically any user requirement.

This can include packages where we prepare and issue vehicle and driver reports to customer requirements, pro-actively monitor the systems or we can provide a fully managed service where in addition to the above we can also manage the maintenance of the systems.

Local Wi-Fi Remote Access

All the remote access features can be also accessed by Wi-Fi Remote Access.

The benefit of Wi-Fi remote access is it incurs no data charges so the transfer of data between vehicle and the local network is "free", and allows the site to automatically download video files when ever the vehicle returns to site.

A disadvantage of Wi-Fi download is that the device is only available when the vehicle is in Wi-Fi range and the DVR is turned on. To facilitate this the DVR has a configurable power turn off delay so the customer has the time to recover the information they need.

The DVR's can also be furnished with both 4G and Wi-Fi cards so the device can be accessed when remote from site. Whenever the device is in range of the Wi-Fi network, the Wi-Fi link takes priority and communication through the 4G network disabled.

The final consideration is that the local site Wi-Fi network must have coverage, bandwidth and storage, to deal with the level of data that the customer is expecting to retrieve.