

# Videalert & Wavestore

## Intelligent Digital Traffic Management Platform



Wavestore has teamed up with Videalert to provide local authorities and police with affordable, easy to implement and even easier to operate technology that shares video surveillance infrastructure to detect criminal activity and keep traffic moving.

The interoperability between Wavestore's open platform video management software and Videalert's Intelligent Digital Traffic Management platform provides local authorities and police with a powerful tool to collaborate and share video surveillance infrastructure, whilst achieving a faster return on investment.

Videalert offers intelligent traffic enforcement and management systems to improve road safety and traffic flows within our cities and help reduce crime. The company's future-proofed solution combines ANPR technology with sophisticated video analytics and offers a full range of deployment methods, including wired LAN, Wi-Fi LAN, 3G/4G-WAN and mobile vehicles.

As is the case with Wavestore's open platform VMS, Videalert is able to support both analogue and IP network based ONVIF compliant, high definition megapixel cameras.

By simultaneously running video analytics and ANPR, Videalert is not dependent on reflective number-plates to capture data and it will therefore detect more vehicles involved in traffic offences. Its Digital Video Platform can also be extended to provide vehicle counting, BOFII police

database integration and school safety enforcement as well as car park and tolling monitoring options. This offers the potential to minimise the need to install additional cameras and video surveillance infrastructure to meet the requirements of a wide range of other traffic, safety and security applications.

The visually verified real-time data can assist with the enforcement of moving traffic offences such as bus lanes, banned turns and box junction infringements, whilst also providing a cost-effective and reliable method of detecting incidents and relaying the information to a city's traffic control centre where operators can view, via the Wavestore VMS, live video images or review recorded images of any incident.

Wavestore's ability to support the Videalert Digital Video Platform means that local authorities and police can be offered a powerful tool to monitor major routes and generate accurate journey time information to tackle growing congestion across a city. The captured data can be used for traffic modelling purposes in order to optimise the design of future transport schemes, and at the same time can provide support for crime prevention initiatives and investigations.