

UK GOVERNMENT'S NATIONAL CCTV STRATEGY

Viseum UK is the only CCTV Technology provider in the world to successfully meet the UK Government's latest National CCTV Strategy Recommendations. This report sought Viseum's internationally patented innovation, to overcome the many long-standing and widely recognised problems with both new and legacy CCTV systems. "*Viseum UK surpassed these recommendations in both specification and innovation.*"

World's Only Multitasking CCTV Camera

What this means for our customers is the Viseum camera delivers holistic benefits for multi-agency compatibility. Example - each Viseum camera installation can remain being used for its primary task such as [automated traffic management](#), but can also be used at the same time for other functions such as [automatically](#) securing the city, and creating additional revenue streams such as [automatically](#) managing road violations.

UK Home Office National CCTV Strategy Recommendations and Key Viseum UK Supported Recommendations:

FIT FOR SEVERAL PURPOSES

There is also a conflict between the proactive and post-incident investigation use of CCTV. Town centre operators use the cameras proactively to search for suspicious behaviour, certain types of activity, or in response to intelligence or ongoing incidents communicated to them by police or other parties. This real-time proactive use of the cameras is at the heart of the CCTV operator's role. Unfortunately, this often frustrates investigators reviewing CCTV. If the operator did not capture an incident intentionally, or the nearby cameras with distant shots are unable to provide secondary evidence/intelligence, then this potentially publically undermines the entire security system.

This is one of the problems that Viseum cameras were initially developed to solve.



**THE CCTV AND SURVEILLANCE INDUSTRY-STANDARD DETERRENT
 AND AUTOMATED SECURITY AND SITUATIONAL AWARENESS**

**ONE CAMERA DEPLOYMENT
 COVERS UP TO THE SIZE OF
 4 OLYMPIC STADIUMS**



**LEVEL 1
 TECHNOLOGY
 INTRODUCTION
 PROGRAMME**

**ONVIF
 Compliant**

VISEUM PRIVACY



**THE WORLD'S BEST CCTV SECURITY
 AND SURVEILLANCE CAMERA**

THE WORLD'S ONLY LONG RANGE ANALYTICS 360° PANORAMIC SECURITY CAMERA

- Britain's Largest Police Force "Our best crime deterrent" - Described by them as a virtual gigapixel camera, a virtual CCTV operator and a virtual guard.
- Operates completely automatically covering vast areas - Identifying, confirming and following incidents close up and in every direction.
- Multi-HD-Camera view of each incident - PTZ Camera close-up view and wide contextual views.

CUSTOMISED SOFTWARE TECHNOLOGY SERVICES:

Making people's faces the world's greatest security weapon against crime and terrorism.

Automatic detection, capture and processing of traffic violations for the world's safest roads.

FIND, FIX AND FOLLOW

Visit us at <https://www.viseum.co.uk>

Viseum IMCs have been granted 20 years' patent protection

Any non-Viseum branded IMC system will be noticeably inferior and an illegal copy in breach of international law

Patent Portfolio - European EP 1 579 399 | United States of America US 7,952,608 B2





CCTV cameras are increasingly being used for potentially conflicting roles, which results in them becoming less effective for crime and disorder purposes. Until a viable technical solution is found, consideration should be given to supplementing existing Pan, Tilt and Zoom (PTZ) cameras with fixed cameras capable of continually providing good quality images for post-investigation use, and if and when they are justified, dedicated cameras installed for non-crime detection use, thus allowing the original PTZ cameras to be used for their original proactive surveillance use.

This is another one of the problems that Viseum cameras were initially developed to solve.

Recommendation Summary; Establish technical requirements that will allow CCTV cameras to be used for multiple purposes.

The current installed camera base of PTZ camera technology cannot be used by a variety of users for different purposes simultaneously. Therefore, there is a need to establish the technical requirements and possible technical advancements that would allow multiple purpose use whilst maintaining fitness for purpose but also reducing the cost.





How Viseum Cameras Support this UK CCTV Strategy

Recommendation:

Live events

- 1) The fixed wide-view cameras of the multiple camera unit provide the ability to automatically look for certain activity in selected areas, and provide the CCTV operator with the ability to look for other activity in other areas.
- 2) The operator could use either wide-view or PTZ camera to look for event(s) reported to be taking place. Once the operator is following the event with the PTZ, they can also watch the wide-view images to see what else they may be missing in the whole area.

Incident Investigation

- 1) A bogus incident may be reported and although the PTZ camera may have been used at that time for something else (and therefore “appearing” to not capture evidence in the vicinity of this event), the fixed wide-view cameras can still be used to provide contextual evidence, proving if the incident may or may not have occurred.
- 2) Evidence from the fixed wide-view cameras can be used to provide contextual information of an incident of what was happening in the whole area at the time of the event as well as before and after it, e.g. of how many witnesses there may have been or where the suspect(s) came from and left to.
- 3) The auto-tracking PTZ camera software driver of the Viseum camera system holds all the coordinates of where the PTZ camera has pointed and where activity has occurred. A “Smart Search” capability can be used to significantly reduce post video interrogation time to locate evidence only in specific areas where close-up and or wide-view contextual evidence is required.

Cost Reduction

- 1) The automation of the Viseum camera system can provide cost-effective surveillance for certain environments and applications. E.g. certain environments can benefit from automated surveillance in standalone mode, reducing or eliminating staffing and communications costs.
- 2) The fixed and PTZ cameras are deployed as a single unit which means that installation costs, cabling, power and networking infrastructure is minimised. Maintenance costs are reduced due to ease of access to a single site.



Recommendation Summary; Create an effective funding stream for public space CCTV.

Income generation by the system itself; use of CCTV in a variety of ways from [traffic violations](#), bus lane, and bylaw enforcement to alarm monitoring, lone worker monitoring and electronic patrolling of retail and business parks, where the system is self-funding. The concern here is that cameras and/or the CCTV operators will be increasingly used for these purposes, detracting from the use of cameras for crime prevention and law enforcement. This last point is an increasing worry from a police perspective.

How Viseum Cameras Support this UK CCTV Strategy Recommendation:

- 1) The Viseum camera system's automated discipline can support certain revenue-generating activities. This can free up the operator in order to focus on crime prevention and law enforcement as originally intended e.g. with bus lane enforcement, the car can be immediately detected and the PTZ automatically moved to follow it without any distraction. Used in conjunction with ANPR this revenue-generating activity can be optimised and completely automated.
- 2) At any time the CCTV operator or the Viseum IMC camera's automation, can override the revenue-generating activities to use the PTZ for crime prevention and law enforcement, or vice versa depending on the Authority's policy.
- 3) The Viseum camera's automation can be prioritised for crime prevention and law enforcement and focus on revenue generating activities as a secondary, or vice versa depending on the Authority's policy.

Internationally Patented Industry Step-Change

Viseum IMCs are not just the most advanced PTZ cameras with the latest zoom and camera sensors, but are also the security industry's step-change advance in how fixed contextual view cameras and PTZ camera technology improve automated and manned CCTV Security and Surveillance Techniques. It is the 360-degree camera technology meeting the UK CCTV Strategy Recommendations by delivering: wide-area long-range coverage, multiple camera views of each incident, active deterrence, automated detection and following of incidents, provision of high-quality evidence and multi-agency compatibility.

