Solving the problem of construction site security

Greater surveillance coverage from fewer CCTV cameras

More close-up evidence captured automatically

Delivering the best security for the highest deterrent

Optimising the key human element of CCTV surveillance

Intelligent CCTV

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FOR THE HIGHEST LEVELS OF CCTV SURVEILLANCE
ONE CAMERA DEPLOYMENT COVERS UP TO THE SIZE OF 4 OLYMPIC STADIUMS

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 view.

CUSTOMISED SOFTWARE TECHNOLOGY SERVICES:

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

Traffic management and vehicle crime

FIND, FIX AND FOLLOW

LEVEL 1 TECHNOLOGY INTRODUCTION PROGRAMME

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

MADE IN GREAT BRITAIN

Contact us on +44 (0)1322 405724 or visit 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

This solution is something we have long been waiting for
(major UK Police Force)

It is crucial to collect high-quality close-up video evidence of when, where and how the security of a construction site is breached causing considerable loss and criminal damage. Until the availability of Viseum security solutions this could only be delivered on rare occasions, because in reality, criminals commit the offence within just a few carefully planned seconds, already damaging the construction site and making their escape with stolen goods. Trying to retrieve crucial evidence before Viseum often proved futile because the incident did not occur close up to the CCTV camera, or was missed completely because the Pan, Tilt and Zoom (PTZ) camera was pointing the wrong way.

Before the availability of Viseum security solutions, the only method to increase security for a remote site was to increase the number of guards patrolling the length and breadth of the site. However even if the criminals were apprehended, on many occasions the lack of CCTV evidence meant they could not be brought to justice.
Long-Range Panoramic Security Camera - Intelligent Moving Camera (Viseum IMC)

Viseum supplies the only long-range panoramic security camera in the world to automatically detect multiple attacks in all directions at the same time, up to a complete 360° panorama of the entire area. This long-range wide-area security camera operates completely automatically by controlling a Pan, Tilt and Zoom (PTZ) camera to follow the required action and confirm incidents. It automatically captures high-quality close-up video evidence of even before the alarm is raised, and then automatically reports it for rapid response and investigations.

At the heart of all our Intelligent surveillance solutions is the internationally patented Viseum IMC panoramic security camera. This uses multiple fixed and one moving PTZ surveillance camera in a single unit, with advanced video analytics monitoring software called Viseum intelligent Virtual Operator Software (Viseum iVOS). This delivers complete security control with constant visual verification and monitoring surveillance, to automatically detect, zoom into and follow all suspects no matter where they each enter, circulate, or leave the remote site.

Rapid effective construction site security installation

A single Rapid Deployment for immediate vast coverage, Viseum intelligent moving camera quickly replaces large numbers of ordinary CCTV cameras and cabling. The immediate result is a significant boost in security awareness and a vast reduction in support burden. Even at the most challenging remote sites lacking in all supporting infrastructure - our secure wireless communication and solar power modules deliver the best available security and surveillance.

Best value construction site security CCTV camera

This camera system is modular in design with its contextual view monitoring cameras easily configured to cover any specific area of concern, or provide full simultaneous 360° panoramic coverage of vast areas. The Viseum IMC optical system has been independently endorsed to be capable of automatically securing an area the size of 4 Olympic Stadiums from just one camera installation. To achieve Viseum levels of optical surveillance coverage over this area of responsibility, it would typically need at least 5 conventional human-operated advanced PTZ camera solutions, more than 10 of the industry’s latest panoramic megapixel cameras, or 200 ordinary fixed camera installations.

Long-term construction site security deterrent

Criminals fear being observed and criminals are always deterred where they can see surveillance cameras actively watching their every move. Viseum’s overt camera models deliver the best deterrent effect by convincing would-be offenders that a proactive keen-eyed human operator has already spotted them. This is well proven to deter the criminal threat, more effectively than any other crime reduction initiative short of flooding the area with many security staff on high alert.

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Best Construction Site CCTV Security - Situation Awareness

Operating completely independently of the central control, the Viseum IMC provides full visibility and control of the entire area under protection, and it does not need to rely on any surveillance infrastructure in order to proactively detect and capture construction site intruders.

This intelligent automation, operating with the most advanced remote monitoring technologies, results in the best of both worlds, where intelligent automation interplays with human vigilance. This new partnership optimizes the key human element of security by not depending on it to detect and capture incidents and index the evidence. This means that operators can have more time to react in making the key decisions for responding.

Greater Quantity and Quality of Construction Site CCTV Recordings

Viseum surveillance camera products are designed to deliver the most video information across the lowest bandwidth communications. For when a remote site’s broadband speed may temporarily fluctuate, Viseum has also perfected an image transmission technique called Real-time Auto-balancing Broadcast.

Viseum surveillance camera systems are easily positioned to cover all required areas. The PTZ camera is trained to point itself to zoom into and follow events of interest, and Viseum’s contextual view cameras are also valuable during live incidents and rapid investigations. Images from these cameras matched with the PTZ camera’s close-up recordings, deliver complete situational awareness, e.g. what else is happening in the whole area and who else is witnessing the incident.

As well as the PTZ camera’s images typically being recorded centrally, its images and all Viseum’s wide contextual view cameras are also stored locally and of greater quality than can be transmitted over a typical wireless network. This makes them invaluable for primary evidential use or for distributed backup storage. This distributed video storage option provides resilience against loss of evidence by removing any single point of failure.

Viseum IMC Integration to Command Control CCTV Systems

Integration of the Viseum IMC eliminates the need for any operator training on the basic use of Viseum cameras and local NVR. It delivers a higher level of security surveillance service with fewer CCTV operators. Images from Viseum’s moving PTZ camera and wide contextual camera views can be programmed to be displayed on the central control room video wall and/or spot monitors, only when relevant activity occurs at the camera installation. This reduces operator fatigue, maximises alertness and primes the human response.

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The best CCTV surveillance service

The most advanced surveillance camera in the world working hand-in-hand with leading remote surveillance monitoring services, produce the fastest and most accurate complete end-to-end security service. Viseum’s intelligent cameras provide constantly vigilant surveillance for the protected remote site 24/7/365. It uniquely produces close-up video of the incident even before the initial alarm is sent to the remote monitoring service. The incident can then be reported in sufficient detail for it to be dealt with in the most rapid and efficient way possible.

Rapid construction site crime clear-up

Once the security breach is confirmed and the response alarm is raised by the remote monitoring service, the relevant local authorities will be given information that somebody has entered the area. They can also be shown a detailed description of the person(s) committing the incident, where the suspect can be located, where else they have been throughout the site and what they have been doing.

If the suspects are apprehended during the incident - even if they were wearing hoods or any type of facial masks, the detailed forensic video information of their particular clothing (brand logos, material, etc.) usually encourages a confession. Even if suspects escape the scene, this detailed video evidence is proven to help authorities investigate, recognise, identify and convict.