Heads up

During any event where crowds of people gather, pre-planning and live analysis of the activity is crucial. Having the ability to walk, drive or fly through a site and capture everything in the area in one pass is now proving to be vital for both police and security forces. To meet this need, TX Immersive Ltd has launched an advanced immersive video system. The portable IMC Telemmersion system captures a 360 by 290-degree real-time view of the environment being recorded, complete with sound and GPS positional information. The camera's 11 lenses are housed in a casing the size of a small grapefruit and is light enough to be worn by someone above their head. The videos can be viewed on a computer using an immersive software player, with the viewing direction controlled via a mouse or a head-mounted display.

Delta force

Counter-terrorist vehicle control systems manufacturer Delta Scientific announced its new 3.7-9.2m DSC7000 beam barricade meets and exceeds multiple agency standards for closing time requirements. In its first crash test, the 725-pound beam of the vertical lift barricade stopped a 15,000-pound vehicle travelling at 50mph dead in its tracks. By doing so, the DSC7000 meets the US Department of State K12 crash certification standard. It is designed to be installed at the sides of a roadway to avoid lengthy road closures during construction. Delta also claim it is ideal for operation in extreme environments where heavy snows, blowing sand or surface flooding might limit the use of other types of barriers.

Off the record

Privacy zones are an important way to ensure compliance with data protection legislation, but many systems lack this functionality. Dallmeier has launched a neat standalone solution, available through Norbain, that can be applied to any system regardless of whether Dallmeier components are installed or not. The 'Privacy Zone Box' is a simple and low cost unit that sits in line between a system's DVR and its cameras/domes. Simple to operate, it enables privacy zones to be applied through the DVR to any analogue video signal without any further modifications or enhancements. In just a few minutes and for very little expense, an existing system can benefit from privacy zone functionality and become compliant with the Data Protection Act.

Online tracker

In order to track increasingly sophisticated fraud techniques, to track and validate rumours, and to anticipate terrorist acts, high-tech professionals are joining forces to come out with next-generation solutions. Co-decision Technology has introduced a revolutionary "cyber-tracking" technique by interconnecting heterogeneous databases, to track global organised crime and its worldwide interconnections in cyberspace. Decider.track (dt) is based on a world-patented Co-Mining technological breakthrough that mimics the human brain's conscious and unconscious reasoning, linking in space and time, for example, the financial databases or files of several police services. The migrating Cyber-tracker, which travels around the cyber-world, interacts with local cognitive agents in the user's databases. These agents reproduce the work procedures of finance or police professionals. Thanks to the interconnecting agents, the competitive strength of the Cyber-tracker is its ability to share information that is generally not interoperable.

Let there be Luminite

UK-based Luminite Electronics, a leading manufacturer of intelligent passive infra-red (PIR) detectors, has launched the Genesis wireless solution. This PIR detector offers a range of advanced and innovative features to meet the requirements of all CCTV and security applications. It has an improved detection range with a choice of four different lenses to meet most installation applications. The unit is battery-operated with an operational life of up to two years

before they need changing. It features a new algorithm that increases sensitivity while reducing incidences of false alarms from events such as moving trees, sunlight reflection, flapping tarpaulins and plastic bags. There is also an anti-cloaking feature as well as shock sensing and anti-tamper. Genesis offers a remote text output that enables alarm messages to be recorded onto video pictures using a DVR. These alarm messages can also be viewed in the monitoring centre, alerting staff if attention to a particular unit is required.

Close contact

In any kind of mission scenario, a jam-resistant, tap-proof radio link is as important as lightweight equipment. Rohde & Schwarz has therefore expanded its R&S M3TR family of tactical radios by adding a small and light handheld radio. Despite its compact size, the R&S MR3000P has all the features required of a tactical radio by offering reliable connections, even in topographically difficult terrain, and by allowing flexible integration into tactical networks. Due to its jam-resistant digital waveform, the R&S MR3000P provides high-quality connections. Moreover, its transmit power of up to five watts allows long ranges, even in difficult terrain. Since the handheld radio is interoperable with other radios of the R&S M3TR family, it can be easily integrated into tactical networks with R&S M3TR fixed and vehicle installations. The expanded frequency range of the handheld radio covers not only tactical VHF but also parts of the HF and VHF aeronautical radio range, enabling plain ground-to-air communications, for example, and thus eliminating the need for additional radios.