IVC Video Surveillance Solutions
Covert Video Monitoring and Recording

- **Cost-effective loss prevention at critical or unmanned facilities**

- **Remote point & click access to live and stored video**

- **Alarm-triggered recording**

- **Permanent and temporary solutions**

The upsurge in the demand for power, water, and communications has required the deployment of more unmanned facilities in order to provide these essential services. Unfortunately, the increase in the number of substations, communication towers, and pumping stations has also meant an increase in the potential of vandalism and theft at these facilities. The risk is not only measured in the loss of equipment and man-hours, but in the potential loss of service and customer goodwill.
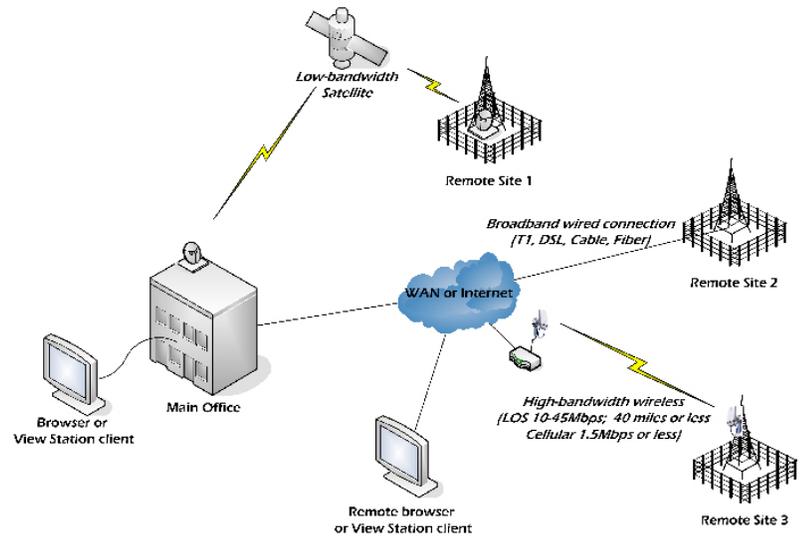
Similar vulnerabilities exist at school and business campuses, municipal facilities, and city and town high-crime areas. The financial and even potential human loss can be averted with the proper video surveillance system. To be effective, such a system needs to not only provide live video feeds from the remote facility, but also record on an alarm conditions. The alarm management facility of the system needs to accept alarm inputs from a variety of devices and also be flexible enough to issue a variety of alarm responses. The system need also to be scalable, so necessary expansion of the system is easy and cost-effective. Most importantly, the system must provide these capabilities without the knowledge of the perpetrators.

IVC Custom Covert Solutions

Industrial Video and Control Co. (IVC) camera systems are a combination of software and IP-based hardware that utilize industry-standard technologies. Our system offers an open architecture that ensures easy installation, true scalability, and straightforward integration of third party products (e.g. legacy cameras, alarm and access control products, control software, etc.).

Our system engineers can design a solution tailored to your application. We will provide specialized camera enclosures that will blend into your environment becoming virtually invisible. We can accommodate any lighting and environmental conditions. We can also provide network connectivity to the cameras using any suitable means available. Our technical professionals will work with you to determine the best combination of camera and networking technology that fits your application.

- **Automated perimeter tours**

- **Motion-activated recording**

- **Local archiving**

- **Remote access to live and stored video**

- **Multiple connectivity options**

The distributed and scalable nature of our system offers users maximum flexibility when laying out a multi-site video network. In the IVC system, video is distributed to clients by the Relay Server software. In the diagram above, the video feeds from the remote sites can be brought back to a single Relay Server at the Main Office. However, it may be wiser to have a Relay Server at each site. This would be particularly useful in low bandwidth situations. It also removes a single point of failure. For optimum redundancy, video from each site's Relay Server can come back to a Relay Server at the home office. As illustrated, video can be transmitted using a variety of wired and wireless technologies.

- **Multiple optical sensor options**

- **Multiple lens options**

- **Easily integrate perimeter security devices**

- **Wireless or wired options**

Pictured above is one example of an IVC covert camera solution. IVC will work with your facilities managers to design the most effective camera and connectivity technologies into the most appropriate enclosures. All outdoor enclosures are designed for use in harsh weather environments; a wide choice of indoor solutions is also available. Even though the box pictured above is designed to be permanently installed at a site, IVC can also design solutions that are more portable. Our temporary surveillance solutions are ideal for law enforcement and homeland security applications.