

Wireless Video System Improves Plant Safety and Security



The OneWireless multi-functional network supports closed-circuit television (CCTV) cameras in areas that previously could not be justified financially. When used to manage and perform remote operations, this scalable, wireless digital closed-circuit television solution allows you to maximize value, performance, and lifecycle ownership.

Reinforce Process Monitoring

This solution addresses the foremost challenges of process surveillance in today's plant operations. Its architecture takes advantage of the site's wireless network infrastructure – eliminating the need for coaxial or CAT5e cables and providing unmatched camera portability. Cameras can monitor flares, remote unmanned locations and other areas of the process unit. The wireless CCTV data feeds into the Experion system through Honeywell's Digital Video Manager (DVM), enabling plant operators to view the status of equipments directly from their consoles. The system includes event and alarm-activated recording features that allow the site to capture only the needed footage when most required. Footage can be viewed real time and historically. For a better overall picture of the incident, recordings can be programmed to provide images leading up to and following an incident.

Reinforce Plant Security

Wireless CCTV is a cost effective way to improve and re-enforce security at critical infrastructures, such as a petrochemical plant or a gas pipeline.

With this solution, the security team doesn't need to leave their station to replace the tape in a VCR, activate a recording, or search for stored videotape. Through the intuitive interface, the security staff can control individual cameras' pan, tilt, zoom (PTZ) functions, enter recording commands, and simultaneously view high-quality live images and record and play stored video from a single camera

Integrated Value

Honeywell's solution combines its OneWireless industrial wireless mesh network with digital CCTV cameras and DVM.

Honeywell's OneWireless

OneWireless is an industrial multi-purpose, multi-standard wireless network designed for process control. OneWireless allows you to extend your process control network to the field and is intended to be used for process monitoring and supervisory control. The network is flexible, secure, robust, quick and capable of handling harsh environments. The OneWireless network includes OneWireless multinodes, OneWireless Wireless Server tools and OneWireless Knowledge Base

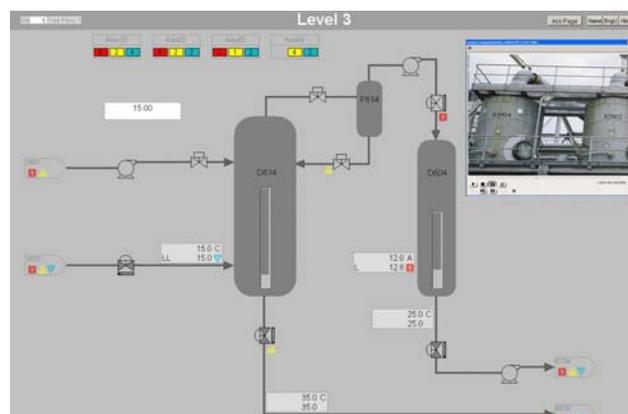
CCTV Cameras

Honeywell has a large portfolio of indoor, outdoor, pan-tilt-zoom and low light cameras that lets users choose the perfect camera for their application.

Digital Video Manager

DVM is a scalable, digital, closed circuit TV surveillance system that is tightly integrated with Honeywell's Experion PKS as well as its integrated security system, Enterprise Building Integrator (EBI). DVM allows operators and security staff to view remote locations without the need for separate monitors. In the case of a safety type application, operators, using the camera controls, can visually monitor any part of an entire operational facility including:

- remote an unmanned locations
- clean or sterile plant areas
- hazardous location



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More Information

For more information on any of Honeywell's wireless solutions, visit www.honeywell.com/ps/wireless or contact your Honeywell account manager.

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