

ATTN: New Products Editor
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Emerson integrates wireless streaming video with DeltaV™ Operate

Integration of live video display and process values on a single screen allows operators a complete view of the process area

AUSTIN, TEXAS (February 17, 2010) – Emerson Process Management has further developed Smart Wireless solutions by integrating video streams from Industrial Video & Control Co.'s (IVC) Relay Server with the DeltaV™ digital automation system. For process manufacturers, the benefits of having a live video feed embedded within the DeltaV Operate display are many and include:

- **Safety:** Allows operators to remotely monitor hazardous areas, and enables an additional “all-clear” visual before the execution of a process start-up, shut-down, or turn-around.
- **Security:** Additional eyes on the process area, remote plant areas, or site perimeter
- **Productivity:** Live visual of the process being controlled alongside the process measurements
- **Emissions monitoring:** With video monitoring for plant emissions, exact start and stop times for excursions can be identified so reporting to regulatory agencies is more accurate

Video surveillance is becoming an indispensable part of process plant safety, security and operations. Using wireless technology, mission-critical video feeds can now be delivered to the control room, office buildings and other areas in the plant in a highly flexible way that is not possible with a wired solution. Live video feeds can augment the operator's control of volatile processes.

IVC offers a range of industrial video solutions that include enterprise-class camera management software and rugged IP camera hardware. For hazardous areas, IVC has developed ATEX Zones 1 and 2, Class 1 Division 1 and 2 Pan Tilt Zoom (PTZ), fixed, and high

megapixel cameras. IVC's software provides powerful and flexible features for viewing and controlling cameras from multiple locations, as well as sophisticated storage and automatic alarm functions.

The operator will now be able to view multiple video feeds within the context of the Operate screen, and with onscreen buttons switch cameras or manipulate the PTZ camera's view. IVC's View Station software can also be used to provide operators many additional features including video system automation, alarm management, and live and stored video viewing and control.

Emerson can provide services to install, qualify, and support these wireless offerings as well as integrate wireless products from other wireless partners, providing process manufacturers with a single point of contact for their wireless needs.

Smart Wireless solutions for plant-wide operations include a variety of applications:

- Mobile worker
- Field data backhaul of remote WirelessHART™ field instruments
- Safety mustering
- Location tracking for personnel
- Control network bridging
- Remote video monitoring

Smart Wireless is an extension of PlantWeb® digital architecture that offers solutions for field instrumentation and plant operations. Emerson's Smart Wireless products include pressure, temperature, level, vibration, and pH field devices; wireless enabling devices; and native wireless interfaces to the DeltaV and Ovation® automation systems, AMS™ Suite software, Syncade suite smart operations management, and SmartStart® services.

About Emerson Process Management

Emerson Process Management (www.emersonprocess.com), an Emerson business, is a leader in helping businesses automate their production, processing and distribution in the chemical, oil and gas, refining, pulp and paper, power, water and wastewater treatment, mining and metals, food and beverage, life sciences and other industries. The company combines superior products and technology with industry-specific engineering, consulting, project management and maintenance services. Its brands include PlantWeb®, Syncade™, DeltaV™, Fisher®, Micro Motion®, Rosemount®, Daniel®, Ovation®, and AMS™ Suite.

About Emerson

Emerson (NYSE:EMR), based in St. Louis, Missouri (USA), is a global leader in bringing technology and engineering together to provide innovative solutions to customers through its network power, process management, industrial automation, climate technologies, and appliance and tools businesses. Emerson's sales in fiscal 2009 were \$20.9 billion. The company is ranked 94th on the *Fortune* 500 list of America's largest companies. For more information, visit www.Emerson.com.

About Industrial Video & Control

Industrial Video & Control Co., Based in Newton, MA, delivers a broad range of quality IP based video systems to industrial, commercial and military applications. Their standards-based software, which delivers quality video to PCs and other client devices over a network, is designed to be scalable and easily integrate with third party software. A key strength of IVC is its ability to develop cameras, enclosures, and software to meet demanding customer requirements.



