Industrial Video and Control

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Wisconsin Department of Transportation Goes Live with State-of-the-Art IVC Security Systems

Watertown, MA – April 16, 2004 – IVC, working closely with Galaxy Data, Inc., has delivered a state-of-the-art upgrade to the Wisconsin Department of Transportation (DOT) traffic monitoring system. The IVC system will replace a video monitoring structure centered on a traditional CCTV system, and will integrate with existing cameras, some more than a decade old. After comprehensive testing in a 2003 pilot study, the system is now being rolled out for more than 100 cameras in Wisconsin.

The Department had asked IVC and Galaxy Data to create an innovated system that would deliver a number of new capabilities and importantly, would not be prone to single-point-failures, a problem they anticipated as various highway construction projects threatened fiber optic lines. IVC created this new video system for the DOT, integrating the department's old analog PTZ cameras into a digital IP format. Several IVC Relay Servers, together with technologies from Galaxy Data Inc, are being employed to create a communications redundancy that allows the security system to continue functioning even if certain fiber optic lines are cut. This immunity to single-point-failures allows for a more stable system, enabling city construction projects to work near cable sites without risk of compromising their video systems.

The new system will work with IVC's View Station software, which has been installed into the DOT's traffic control center. This enables viewing and control of the more than 100 existing cameras through a single user interface. The system will also enable operational access to priority users (such as police and fire departments) during emergency situations. Selected video content can also be made available to public viewers at a public IP address or web site, without granting camera control privileges.

The new IVC systems, with its many additional features, along with the user-friendly simplicity of its computer interface, will make traffic surveillance extremely effective and highly manageable, particularly when compared to the previously used CCTV system. Bill Richards, a Vice President at IVC, remarked, "We fashioned a complete digital IP overhaul of the DOT's system without replacing any of their CCTV cameras. We were able to integrate our system with their old cameras, as well as the Core Tech digital MPEG2 encoders and Galaxy communications system. The open architecture of our software will allow for further improvements as new requirements develop."

Based in Watertown, Massachusetts, IVC is a manufacturer/integrator of IP-based video systems and a developer of advanced software for managing networks of video cameras. Their video systems are used in a broad variety of applications by companies of all sizes. IVC offers a range of IP cameras including pan-tilt zoom, fixed, remote zoom and varifocal (manual zoom) cameras.

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