7 Key Questions You Should Ask Your Industrial Video Provider

Frequently, video solutions for industrial use are purchased by an organization's security department. But, because operations and security are distinct departments within an organization, there are often budget, control, and integration challenges.

Treating the video system as part of the SCADA system rather than the security system helps to clearly delineate video's use, purpose, form factor, and control. Video equipment intended for industrial use should be treated just like any other piece of equipment in the plant. It is time to consider video as a critical part of every plant's operation and an important tool for improving:

• Operational efficiency
• Worker safety
• Product quality
• Loss prevention

What to Consider

Not all video solution vendors are the same. Here are some key questions to ask your vendor to make certain you get the right solution.

1. Can you provide industrial grade cameras that are certified for use in harsh and hazardous (Class I and Class II) areas? Do you offer options such as wipers, air knifes, and cooled enclosures?

2. Does your system support SCADA integration technologies such as OPC or MODBUS?

3. Does your video management software (VMS) support the ONVIF standard so that other vendors' cameras can be added to the system? Or am I locked into your cameras?

4. Does your VMS offer synchronized video playback by allowing users to click on a SCADA alarm or historical trend?

5. Can I use your software to record and play back any HMI console monitor?

6. For remote sites, does your solution allow recording at the edge, remote site-wide bandwidth management, store-and-forward clip upload technology, and a management system to monitor and manage the system centrally?

7. Do your cameras include advanced HD or "temperature" monitoring radiometric thermal imagers?

Comprehensive industrial video solutions, like those from IVC, should include video management software that integrates video with your SCADA system, turning video cameras into additional process sensors.

Visit www.ivcco.com for more information.

IVC
INDUSTRIAL
VIDEO & CONTROL

Who's Integrating Industrial Video with SCADA?

21st Century Process Monitoring

Thanks to advances in networking, video, and processing technologies, video systems can now be an integral part of any critical manufacturing process. Examples of industries where these types of systems are now in use include:

Automotive
Manufacturers use video technology to quickly identify quality issues to maintain production efficiency.

Petrochemical
Producers deploy cameras certified to operate safely where explosive gases exist. Video is tightly integrated with production facilities' SCADA systems.
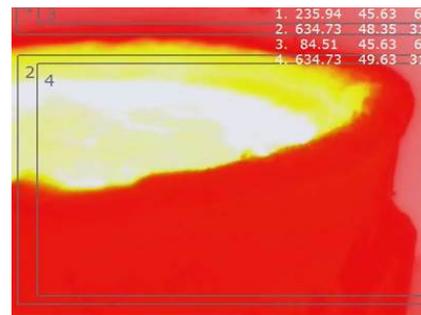

Food & Beverage
Producers use video integrated with their SCADA systems to maintain product quality and ensure adherence to government regulations.

Steel
Manufacturers use cameras to monitor the external temperature of molten metal ladles to warn for breakouts.

About IVC

Based in Newton, MA, IVC delivers a broad range of quality IP-based video systems to industrial, commercial and military applications. Our standards-based software delivers quality video to PCs and other client devices over a network, and is designed to be scalable and easy to integrate with third party software. A key strength of IVC's is our ability to develop cameras, enclosures, and software that meet demanding customer requirements.

Visit www.ivcco.com for more information.

IV&C
INDUSTRIAL
VIDEO & CONTROL