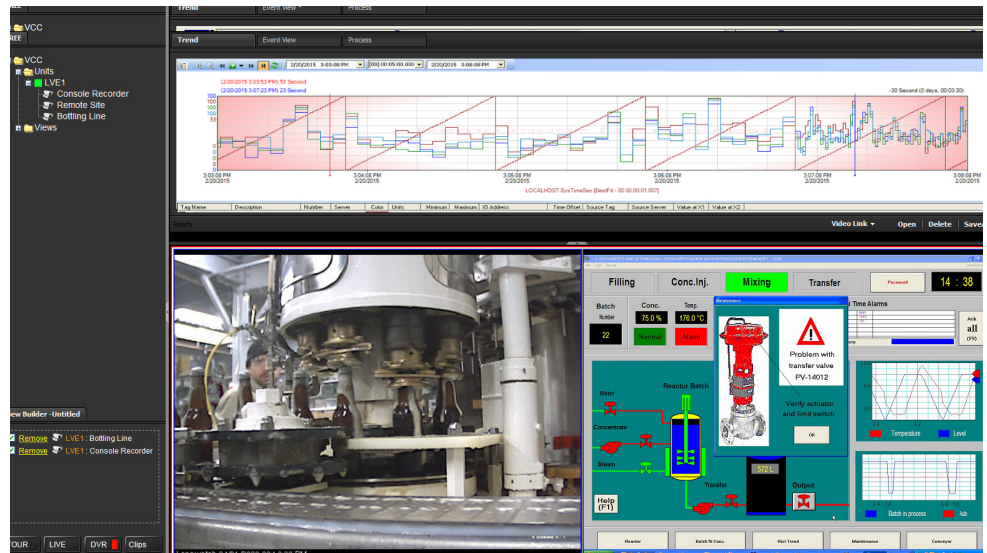


Console Recorder

- A “flight recorder” for your operator workstations
- For critical security and plant operations
- View live and recorded clips
- Simultaneous multiple monitor recording
- Remote viewing of your operator consoles



View operator consoles simultaneously along side camera video in customizable views.

View and Record your Operator Screens

The Console Recorder is a software platform that automatically records activity on critical operator workstations. Just like a camera pointed at your monitor, the Console Recorder records everything being displayed. View operator consoles live or go back in time to see exactly how an operator dealt with an event. The Console Recorder is an invaluable method for troubleshooting, training, and process improvement.

During a critical event get to the root cause of the issue more quickly. Video

document your operations for regulatory compliance and continual process improvement. Video streams of your operator monitors can be viewed on laptops, tablets, and smart phones for on-the-go review and troubleshooting.

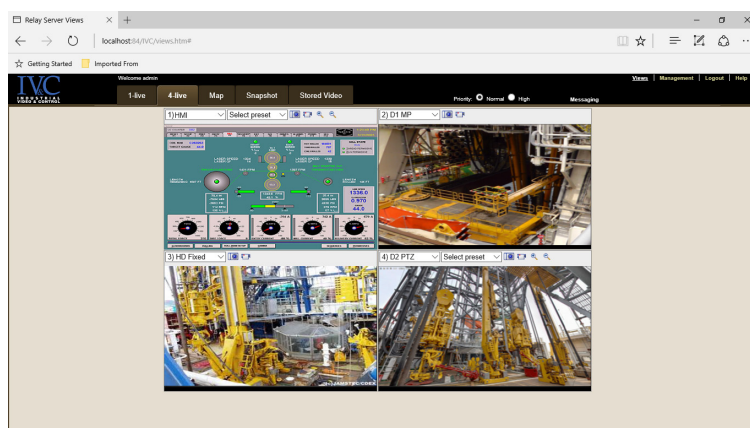
With Console Recorder software, live and recorded video of your operator screens can be integrated with any of IVC's video management software products. Our software enables you to simultaneously view camera video of your process and what your operators are doing and seeing.

Solve Real Issues

The Console Recorder solves real issues:

- Stoppages or upsets – Get to the root cause quickly and make sure mistakes aren't repeated.
- Remote operator assistance – Live video streams of operator screens can be accessed anywhere for real-time troubleshooting and training.
- Document your critical processes for analysis and continuous improvement.
- Track your manufacturing for quality monitoring and regulatory compliance.
- Noninvasive operator monitoring – View new operator actions live or go back in time to see how operators dealt with specific events.
- Analyze operator responses to critical security and emergency events.

The Console Recorder addresses these issues – and more – by becoming a “flight recorder” for your operation’s cockpit – operator workstations.



Console Recorder HMI screens may be integrated into Relay Server web-based views

► system requirements

Minimum System Requirements	Client (LWViewer & View Station)
Minimum Hardware Requirements	
CPU	Core i7 or equivalent
Available Hard Disk Space	N/A
Available Memory	2 GB or more
Networking	1 Gb
Software Components Required	
Operating System	Windows 10 Professional
For Windows 2008 and 2012 R2 Server	N/A
Internet Explorer	Version 8 or above
Acrobat Viewer	Version 5.0 or later
Microsoft Media Player	Version 9 or later (supplied with Desktop Experience)
Note - for smaller systems the VCC and LVE can reside on the same hardware. Size accordingly. Note - SQL Server 2008 R2 Express is installed as part of the VCC install	

► ordering information

To simplify your installation, IVC offers computers pre-configured with the appropriate software. Ask your IVC representative about this option.

Part Number Description

For IVC Longwatch Software:

CRE	Console Recorder Engine
CR-100	Screen Capture Component
CR-500	Console Recorder Platform includes: CRE and 4x CR-100
VH-CR-500	Video Historian Platform with Console Recorder

For IVC Relay Server Software:

CR-100-RSS	Relay Server Console Recorder Module
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