

HERO

Hartness Event Recording Online



HERO
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Allen-Bradley



Versa View 1500M

HARTNESS
INTERNATIONAL



- Channel 1
- Channel 2
- Channel 3
- Channel 4
- Clear Event Status

- Channel 1 Trigger
- Channel 2 Trigger
- Channel 3 Trigger
- Channel 4 Trigger

Show 4 Wirebars

Channel Settings
Help/Info

Improve Efficiency · Capture Problems the First Time, Every Time



Take the guesswork out

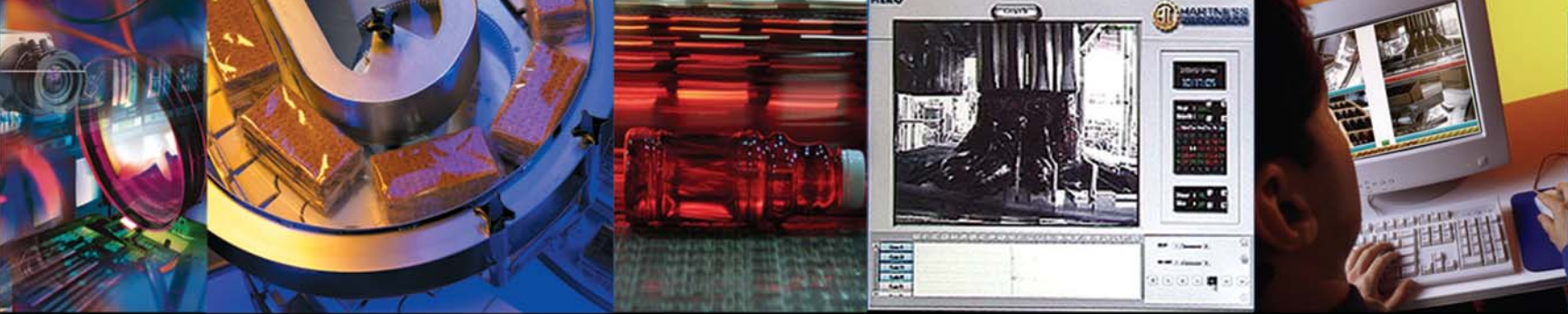
The HERO system videos the crucial processes in your plant 24/7 and gives you one-touch access to event recordings.

Whether your operation requires four cameras or 400, HERO captures the information you need to run your line at its highest potential. With standard and high-speed video capture, HERO offers a quality solution for a wide variety of applications.



AN EXAMPLE:

Bottles have fallen in a case packer infeed, generating a PLC alarm. HERO monitors the PLC or network for alarms and records video surrounding these events. Users associate alarms with specific cameras and designate the number of seconds they want to record before and after an alarm is generated.



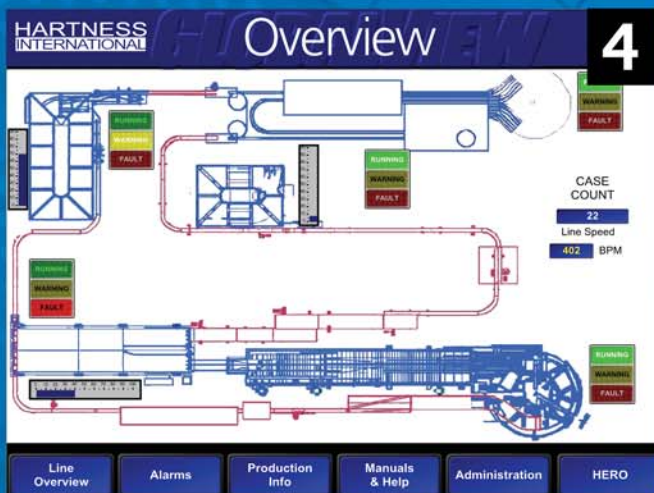
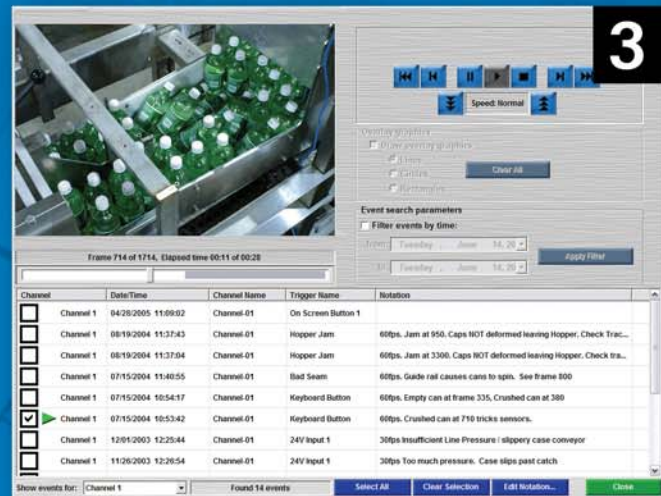
of production problems



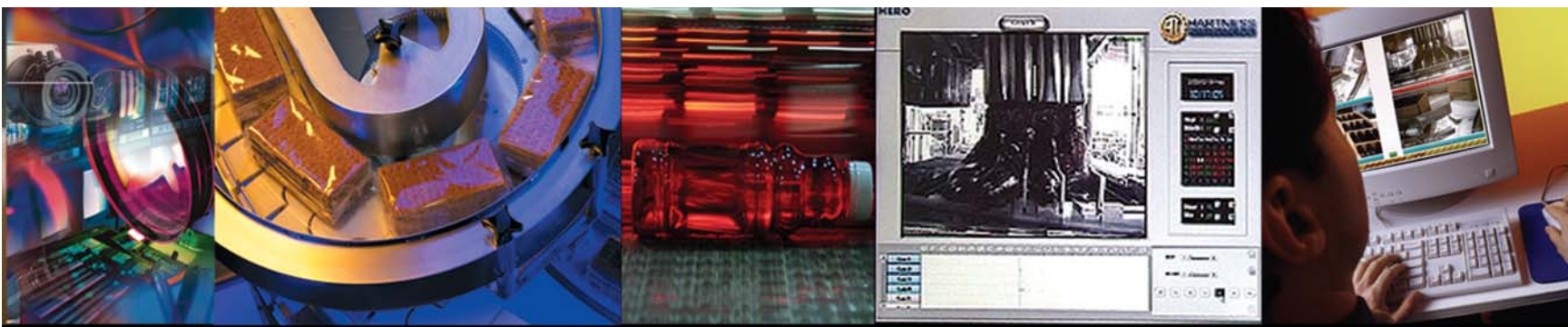
Event Detected - Recording

HERO users can play back video leading up to the infeed jam with a single touch. Slow-motion and frame-by-frame playback enables users to pinpoint the root cause of errors. Archived events can be sorted by camera, time, or alarm, and provide troubleshooters with insight into the severity and frequency of a problem. Review a month of production information in minutes!

HERO is ideal for watching un-manned areas, fast-moving equipment or product, and areas with high downtime costs. Event clips can be shared with skilled technical help via e-mail or CD burning, or they can be accessed with HERO client software via an Internet connection.



HERO GlobalView is an integrated troubleshooting and line monitoring system that provides valuable information in a simple, highly visual format. Users can review production information, machine status, equipment manuals and schematics, and HERO event clips from a single control station.



of production problems

The HERO system from Hartness International is an event recording system that utilizes digital video capture to provide real-time (and archived) pictures of critical areas in your manufacturing facility. It is a unique, effective tool for solving problems with any type of production process.

BENEFITS

- ▶ Increase in-line efficiency
 - Improve mean-time-to-repair and mean-time-between-failures
 - Prioritize maintenance
 - Perfect processes

- ▶ Reduce labor and service costs
 - Communicate service problems via video
 - Provide faster identification of root problems = more productive labor

- ▶ Better vendor relations
 - Video evidence reduces fingerpointing
 - Identifies root cause: material machine, method, or man

FEATURES

- ▶ View live video and recorded events via the Internet

- ▶ HERO expands to your needs—select the number of cameras and frame rates your application requires

- ▶ Sort events by type of fault, date, or location

- ▶ Review weeks of line performance video in minutes with one-touch play and simple scanning

- ▶ Choose flexible PLC connectivity options and advanced triggering capabilities

Value-added Options

Console Options



NEMA4 Display
with Auxiliary Cart



Laptop System



Tower Console
with Keyboard

Camera Options 30 fps or 60 fps



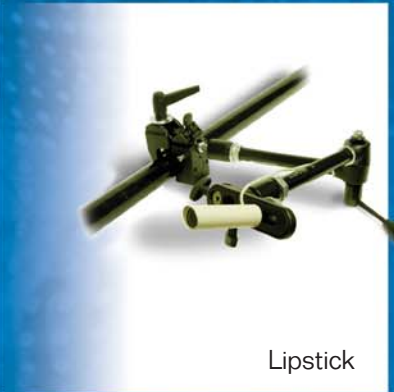
Standard Infrared



PTZ



High Speed



Lipstick

Triggering Options

Ethernet, Hard-wired I/O, Prox-sensor and Photo-sensor

DVR Options

4-, 8-, 12-, or 16-camera Inputs
Windows 2000® or Windows XP®
80 - 200 GB Storage
1 - 2 GB RAM

