

Operate with Confidence. Respond with Precision. Perform at Your Best.



In modern plants, abnormal process conditions are costly, and they rarely show up in just one way. Operators face alarm floods, cluttered displays, and uncertainty when fast decisions matter most. Meanwhile, control engineers spend countless hours maintaining graphics, diagnosing loop issues, and trying to prevent small deviations from becoming major events.

For instance, a single oscillating distillation-column loop triggered an alarm burst that buried the root cause. By the time operators identified the issue, the plant had already produced off-spec material, resulting in \$180,000 in lost throughput and rework in under six hours.

Improving control algorithms alone is no longer enough. Improving human decision-making is.

DeltaV™ Operations Unlimited brings together four powerful applications that elevate operator awareness, strengthen alarm response, and prevent performance degradation before it impacts production. And because it includes unrestricted usage of the four applications below, you can deploy its full capabilities plant-wide, all for less than purchasing the same applications individually.

DeltaV Live Operations Premium Performance Pack

See the right information at the right time with advanced visualization tools on the modern HTML5 HMI

- Display hierarchy navigation
- Watch areas
- Alarm rollups
- Drag-and-drop GEMs to PHV
- Web displays

DeltaV Alarm Mosaic

Transform alarm floods into actionable insight

- Graphical alternative to the classic alarm list
- View up to 500 alarms in the current active alarm view
- Root cause identification and clustering
- Context rich alarm information

DeltaV Alarm Help

Guide operators to the correct response instantly, every time

- With a single mouse-click, view pre-supplied alarm response instructions
- Customizable to match site alarm philosophy
- Real time alarm state indication
- Includes empirical knowledge such as recommended actions, consequence of inaction and time to respond, probable cause, and impact on production

DeltaV InSight

Prevent the next upset before it starts

- Embedded, continuous process learning
- Automatic detection of performance issues, variability, and manual operation
- Diagnostics to pinpoint tuning problems, equipment issues, and root causes
- Adaptive and on-demand tuning for PID and Fuzzy Logic loops
- Integrated reporting and seamless navigation between monitoring and tuning

**DeltaV™
Operations
Unlimited**