

Experience a Step Change in Operational Performance With DeltaV™ Live HMI Solutions



Built From the Ground Up: By Emerson, for Emerson Customers

DeltaV Live provides a world-class operator experience, designed for today's high-performance operational requirements. Designed to integrate multiple data sources into a single Human Machine Interface (HMI), DeltaV Live delivers a more efficient, safer, and centralized operator experience.

DeltaV Live is designed to minimize today's operational onboarding challenges resulting from employee turnover.

CUSTOMER SCENARIO

Modernization Drives Standardization

This customer's HMI solution had been developed before Human Centered Design concepts became the industry standard. Over time, the inconsistent nature of their old solution led to challenges in maintaining the system from an engineering perspective and limited the plant's ability to effectively move operations personnel between departments. With the need to maintain operations and automation flexibility, they looked to team Emerson/Experitec to help them develop a solution with long-term benefits that also supported their Operational Effectiveness strategies. Beginning with Experitec's DeltaV Live Workshop, this customer set their long-term modernization plans in motion—working with us to develop a plan and create a standardized HMI object library, as the initial stages of the modernization process.

**Modernize Your HMI Solution With DeltaV Live.
Contact Your Account Manager to Schedule a
Workshop and Begin Your Modernization Process.**



CONTINUOUS WORK PROCESSES

► MOC ► Audit ► Validation



SYSTEM STANDARDS

- Philosophy
- Style Guide
- Toolkits



DESIGN & REVIEW

- Console Design
- HMI System Design
- User, Task, Functional Requirements
- Display Design



IMPLEMENT

- Build Displays
- Test
- Train
- Commission
- Verification



OPERATE

- In Service
- Maintain

DeltaV Live: A Software Platform That Benefits Everyone

	Production Manager	Process Engineer	Operators	Control System Engineer	Graphic Design Lead
Needs	<p>Easily access critical production KPI's from multiple data sources</p> <p>Improve operator effectiveness</p> <p>Attract new talent</p>	<p>Identify process bottlenecks</p> <p>Improve situational awareness</p>	<p>Quickly identify abnormal process conditions requiring action</p> <p>Easily access critical information from multiple data sources</p>	<p>Access required operational data brought intuitively to the HMI</p> <p>Reduce time to update and maintain the HMI Solution</p> <p>Consistently apply HMI objects across the facility</p>	<p>Easily expand system</p> <p>Out-of-the-box HCD objects limit need for customization</p>
Value	<p>Agile business decision-making</p> <p>Modern, easy-to-use platform</p>	<p>Prioritization of high impact, actionable process changes</p> <p>Reduced operator errors helps predict & optimize plant production costs</p>	<p>Improved user experience and reduced operator errors from applying HCD principles</p> <p>Customizable watch area enables operators to broadly monitor critical control points</p>	<p>Reduction in troubleshooting time</p> <p>HMI standards maintained and enforced</p> <p>Objectivity-based library for easy bulk editing of HMI objects</p>	<p>Great balance of best-in-class HMI solution with out-of-the-box features that limit design time investment</p>



Modern, Intuitive User Interface

- Easy integration from multiple data sources into a single HMI paves the way to broader, contextualized, centralized, and safer operational control.
- HTML5-based HMI enables consistent, high performance visualization across desktops, tablets, and mobile devices.

Native Mobility and Remote Access

- HTML5-based displays allow remote monitoring and control from any secure browser.
- Reduces response time to process upsets or alarms even when offsite.

Future-Proof Technology

- Designed for long-term support and compatibility with emerging technologies.
- Eliminates reliance on outdated ActiveX or Silverlight components.

Improved Operator Situational Awareness

- Built-in ISA 101 HMI design principles promote clarity and reduce clutter.
- Dynamic navigation and context-driven content help operators quickly assess and respond to abnormal conditions.

Seamless Engineering Experience

- Integrated with DeltaV's control configuration tools, enabling drag-and-drop display creation and reuse of objects.
- Engineers can design displays without separate software, streamlining development and updates.