EXPERITEC
Emerson Impact Partner

EMERSON

Experience a Step Change in Operator Training & Performance
With DeltaV™ Live HMI Software

ERP
Weather
CCTV

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 for today's onboarding challenges resulting from retirements and 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 conversion process.

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

CONTINUOUS WORK PROCESSES
▸ MOC   ▸ Audit   ▸ Validation

SYSTEM STANDARDS	DESIGN & REVIEW	IMPLEMENT	OPERATE
▸ Philosophy	▸ Console Design	▸ Build Displays	▸ In Service
▸ Style Guide	▸ HMI System Design	▸ Test	▸ Maintain
▸ Toolkits	▸ User, Task, Functional Requirements	▸ Train	
	▸ Display Design	▸ Commission	
		▸ Verification	

DeltaV Live: A Software Platform That Benefits Everyone

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

Modern, Intuitive User Interface

- HTML5-based HMI enables consistent, high performance visualization across desktops, tablets, and mobile devices.

- Easy integration from multiple data sources into a single HMI paves the way to broader, contextualized, centralized, and safer operational control.

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

- Eliminates reliance on outdated ActiveX or Silverlight components.

- Designed for long-term support and compatibility with emerging technologies.

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.