



Increase Safety & Reliability with Digitally Engineered Valve Management

Intelligent Wellhead Systems' Enhanced Valve Management System (EVMS) is the upgraded version of our Valve Management System (VMS) solution. EVMS uses Valve Position Sensors (VPS) and pressure sensors as opposed to Handle Position Sensors (HPS) used in VMS. EVMS ensures precision and safety with digitally engineered valve management. The system includes accumulator lockouts, Valve Position Sensors (VPS), Digital Handshakes®, and safety interlocks to address safety, operational, and compliance challenges. Designed to prevent human errors like cut wireline and unintended valve openings, EVMS provides best practices and digitally enhanced procedures for overall wellsite safety.

EVMS, featuring the iHUB (inVision® HUB), HMI (Human Machine Interface), AMM (Accumulator Management Module), and WMM (Well Monitoring Module), utilizes sensors, engineered controls, and specialized software to enhance the wellsite experience. Operators can digitally control accumulator lockouts, monitor pressures, and view valve positions remotely on HMI or SIMMOPS tablets – keeping personnel out of the red zone.

IWS's lockouts, installed on accumulator handles, can be controlled from the HMI or SIMMOPS tablets in remote locations, working in harmony with VPS (Valve Position Sensors) for step-by-step valve management aligned with operators' SOPs. Pressure transducers strategically placed in the inVision System® prevent unintentional pressure releases, incorporating safety interlocks for equalization and bleed-off in the designed SOP.

Integrating Valve Position Sensors with inVision lockouts ensures correct valve alignment, promoting safety and operational efficiency. This combination addresses safety concerns, operational reliability, and compliance changes in operators' SOPs, preventing errors like mistakenly opening or closing the wrong valve.



To learn more or request a demo, email
info@bettercompletions.com