



Increase Operational Efficiency & Eliminate Red Zone Exposure by using Digital Valve Control

Intelligent Wellhead Systems' Digital Valve Control (DVC) technology seamlessly integrates sensors, safety controls, and best practices using the inVision System® which enables remote operation of accumulator valves, pressure monitoring and valve handle positions – enhancing safety and efficiency across the entire wellsite operation.

DVC comprises an inVision® iHUB, a VCM (Valve Control Module), a WMU (Well Monitoring Unit), and an optional WSM (Wireline Spool Module). Intelligent Wellhead Systems' RVAs (Remote Valve Actuators) are installed on accumulator handles, providing control through the HMI (human-machine interface) or inVision Simmops tablets in remote locations such as the wellsite manager shack, Frac Van, Wireline truck or Remote Operations Center. RVAs feature HPS (Handle Position Sensors) and VPS (Valve Position Sensors) to ensure accurate alignment between accumulator handle and valve positions.

Strategically placed pressure transducers in the inVision system prevent unintentional pressure releases by incorporating safety interlocks for equalization and bleed-off in the designed standard operating procedure.

DVC supports a “zero red zone exposure” initiative – eliminating the need for personnel to be physically present in the red zone at accumulator banks or valve locations for verification.



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