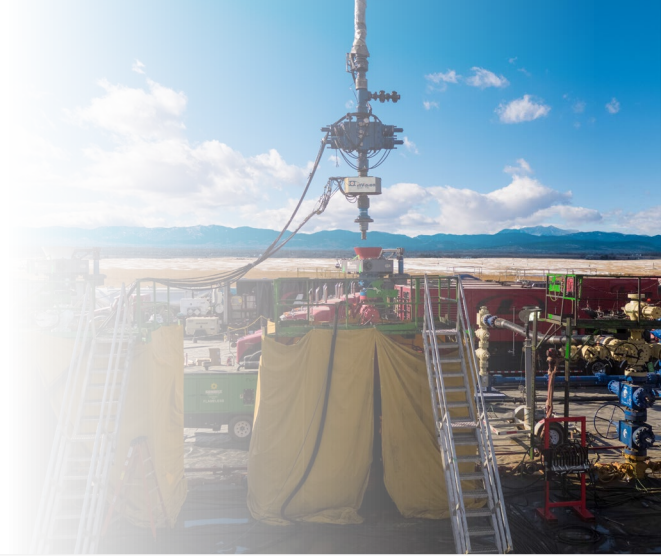


# Intelligent Wellhead Systems



## inVision System™

A Convergence of Operational & Informational Technology – Creating the Connected Worker



IWS deploys hardware and software systems for the well completions industry. inVision introduces intelligent workflows and automation that leads the completions space into Industry 4.0

### Intelligent workflows and field automation

The inVision Hub Platform connects services, digitizes workflows and adds engineered controls so that the industries most valued people can focus on their most important work. **Through edge-server hosted IIOT and data-driven logic control, onsite controls and hydraulic interlocks are automated. Administrative tasks are automated via the IWS data model.**



### Why customers use the inVision Hub Platform

- Offers a vendor agnostic Hub for the digital data for all services on site.
- Displays consistent real-time dashboards around sites, OCC's, head offices & homes
- A *digital window* into pressure control equipment with the proprietary inVision wireline detection spool
- A Digital Handshake™ enables data driven logic for engineered controls

### Digitize your Operations

- Combine all services on one dashboard
- Breakdown communication barriers between services
- Maintain vendor choice freedom and flexibility

**Connect Services, Increase situational awareness, Take control of your operations**

### Engineered Valve Management

- The Digital Handshake™ replaces traditional paper sign-offs
- Eliminate human error and accidental valve shut-ins with engineered controls
- Enforce SOP compliance

**Digital Valve Management, Engineered Safety Controls, SOP Compliance**

### Automate Data Entry

- Eliminate manual data entry tasks
- Improve data accuracy
- Fill data gaps in wellsite reporting
- Return focus to operations

**Focus on the operation at hand, perform stronger analytics, strategize and optimize**

*"[IWS Customer] has been utilizing the inVision Frac System for over 3 years now. I have been constantly astonished of the adaptation the IWS team brings to our operation needs. This system has brought an ever-growing efficiency and flow to our whole process".*

*Completion Foreman*



# The inVision Hub System fuses field data, enabling operational intelligence and controls



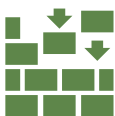
## Eliminate human error from valve management

- The IWS Digital Handshake™ prevents incidents through physical interlocks
- Since implemented 2 years ago, not one catastrophic event has occurred
- Remove HSE, and efficiency risks that cost millions



## Introduce efficiency in well swap operations

- Valve sequencing through engineered controls
- Improve well swap efficiencies
- Swaps times reduce to <5mins saving up to \$6,300 per stage



## Valuable insights into your operational data

- IWS and inVision incorporate Microsoft solutions (Azure, Dynamics 365, Teams, Time Series Insights, Communications Services)
- A collective view of the operation benefits all services
- Live data analytics promote efficiency in operations and informed decision making

## Intelligent Wellhead Systems

Supplies the industry-leading platform to agnostically integrate IIoT and digital services with engineered controls for innovative operators in completions to regain command of efficiencies, safety and costs on their operations

By assembling sensor-driven, normalized data, IWS brings order and relevancy to operations that are complex and repetitive

Using this information to drive engineered controls and automate data entry tasks

IWS deliberately engages the industry collaborators (PPDM™ & OSDU™) to develop the IWS standardized data model and ensure its customers remain interoperable.



## A field ready system, immediately improving your operations

- Allow field supervisors to focus on improving the efficiency of the operation, rather than reporting
- Deliver a platform that allows your completions engineering team to optimize and strategize outcomes
- Provide high quality field driven data and architecture to your data science teams

## Why Intelligent Wellhead Systems?

We deliver immediate value to your operation. IWS empowers your most valued people to focus on their most important work. Our low-latency, truthful, normalized data and data model contributes to the success of the many layers of your organization from field operators to procurement to data scientists.