

Wellhead Solutions

Speed up first production and achieve faster turnarounds

Cutting edge solutions for wellhead control, wellsite automation, and production assets

With sustainability at the core, the industry is currently transitioning towards utilizing modern techniques that minimize inefficiencies and maximize re-usability of the products. Upstream and midstream operations, by nature, are capital intensive and spread over wide areas. To top it off, extreme climatic conditions can damage the equipment resulting in time consuming workarounds.

The customizability, portability and reusability of our packages minimizes turnaround costs for our clients. We set ourselves apart with our superior automation and digitalization expertise while taking full ownership of your product lifecycle. Tailored to your unique needs, the cost-effective package will allow real time accessibility of data while ensuring its end-to-end encryption.



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Key Highlights



Process Optimization

Autonomous panels minimize human intervention and enhance operational efficiency by reducing travel time and resource utilization at remote sites and facilities



Enhanced Production

Effective management of control measures and regulating flow rates help maximize production reliably, reduce operational downtime and increases overall profitability



Product Quality

Multi-stage design approvals and multi-point product inspections for comprehensive and consistent quality control; customer-aligned FAT and SAT processes



Improved Safety

Minimize personal, financial, and environmental damage by controlling critical functions like pressure flows and emergency shutdown to prevent accidents, spills, and blowouts



Increased Visibility

Empower operators to promptly identify and resolve issues by ensuring remote monitoring and realtime data acquisition through our integrated process monitoring equipment

Testimonials



The experience, knowledge and dedication of the INTECH Process Automation team was instrumental in executing a professional job towards the Control and Automation of the project.

Sr. Engineer - Schlumberger

The tight project schedule was duly met and you were able to match pace with drilling team to bring new wells on-line quite in time. The work was done in most professional manner and the shutdown period was minimum.

Sr. Engineer - TotalEnergies

Congratulations on successful commissioning of Wellhead. Great Team work, dedication & good planning for achieving this goal in targeted time. Appreciation for all the team members.

Sr. Engineer - OMV

Our Products & Solutions

Experience end-to-end wellhead asset services, including design, fabrication, installation, testing, and maintenance. Our bespoke solutions meet both regional and international standards and can seamlessly integrate into your existing setup.

Wellhead Control Panels

Field-proven single and multi-well panels for monitoring and controlling pressures under harsh conditions. We specialize in both conventional (hydraulic & pneumatic) and PLC-driven solutions.

Features

- ▶ Safe and sequential Valve openings
- ▶ Operability pressure up to 10,000 PSI
- ▶ ATEX / IECEx (Zone 1 & 2, Class I Div I & II) certified panels
- ▶ Startup and maintenance overrides
- ▶ Up to IP66 certified enclosure
- ▶ Swift emergency shutdown system
- ▶ Suitable for both LP and HP supply headers
- ▶ ON-Panel monitoring & controls
- ▶ Easy access for maintenance



Process & ESD System

Easy-to-deploy units integrating PCS, SIS, and telemetry for real-time data acquisition. Our systems come in robust, explosion-proof containers to ensure continuous operations under harsh terrain.

Features

- ▶ Up to SIL3 rated ESD system
- ▶ Multiple communication protocols to promote ease of access
- ▶ Conventional or solar powered solutions
- ▶ Thorough programmability with support for all IEC61131-3 languages
- ▶ Wide array of channel integration options including Fiber, GSM, LTE and wireless
- ▶ Real-time graphical interface
- ▶ Alarms & Events management system with first-out capability

INTECH - The One Stop Shop

INTECH is a "One Stop Shop" for automation and its Wellhead Solutions deliver on that promise. INTECH's experienced engineers and field-proven designs guarantee that you get the best fit for all your Wellhead Automation requirements. Our vast range of wellhead solutions allows INTECH to execute projects as the "Main Automation Contractor".

- ▶ More than 150 man-years of evaluating, designing and manufacturing WHCP
- ▶ Certified Design (as per requirements)
- ▶ Customizable to field requirements
- ▶ Designed for extreme environments
- ▶ Sequential Startup and Shutdown



About INTECH Process Automation

For 30 years, INTECH has been helping industrial businesses enhance process visibility, control, and reliability in their industrial plants and assets. Now, in a rapidly evolving digital world, we are here to partner with you in bringing out the best your facilities have to offer through full enterprise visibility and AI-based insights and analytics



13 Offices
Around the
World



450+
Global
Employees



Projects
in over 40
Countries



2000+
Projects
Since 1991

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