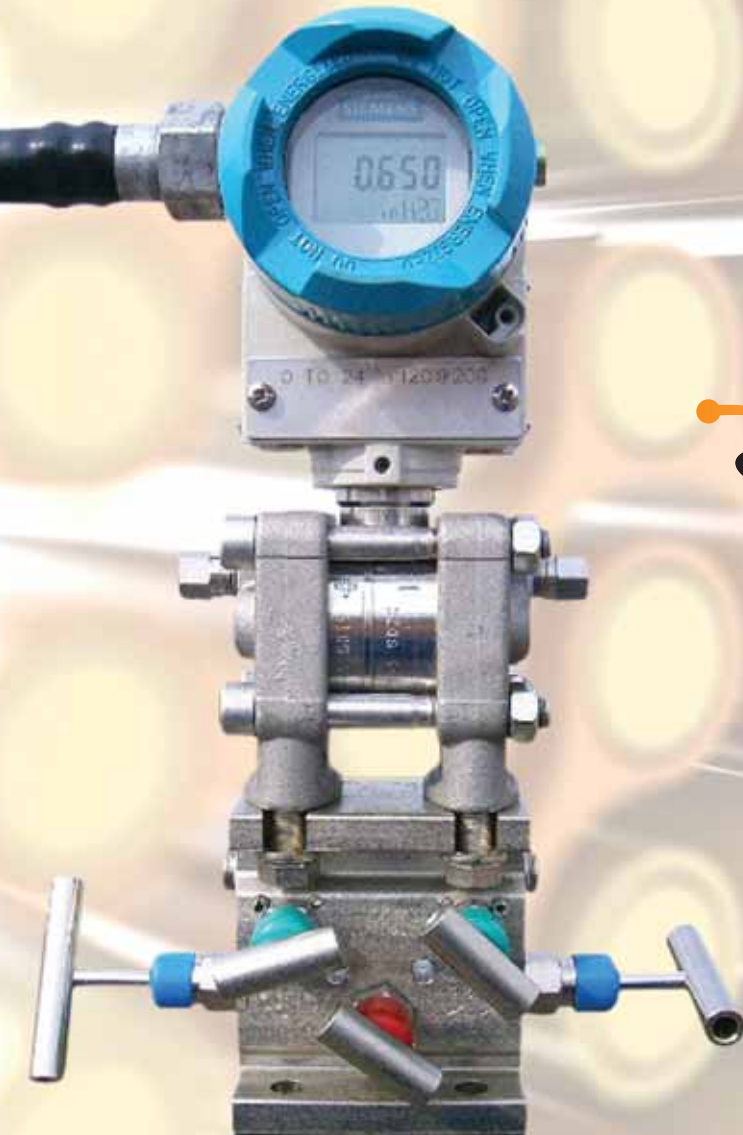


automation services defined



Automation—precisely controlled electronic actions
establishing a high level of wellhead management,
data acquisition and analysis.



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PURE AUTOMATION

IMPROVING EFFICIENCY, PRODUCTION AND SAFETY

Pure Automation supplies technology for today from turn-key applications to retrofits, each system designed to provide the most effective combination of hardware and software to address your monitoring and control needs. **Our goal?** Provide reliable, powerful and user-friendly packages that improve production, safety and environmental impact. **The result?** Improving your bottom line.

Taking charge

We put you in charge of your data. Reports, data analysis, remote control and monitoring are a mouse click away, allowing effective and efficient use of personnel and equipment.

Integrated solutions FAST

Pure Automation designs systems tailored for your business including local interfaces, remote viewing and control, well optimization, field management and support—all scalable to handle ten wells or ten thousand wells. Our library of software development tools keeps our development time low, and gets your system up and running fast!

With Pure Automation's systems, well operators, managers and production engineers have the tools to remotely fine-tune operations to maximize production.



On site, a technician hooks up to the system via laptop to analyze error codes.



Just a few mouse clicks to configure and view your wells.



TUBING

SOLENOID

APPLICATION PRODUCTS

KEEPING THE USER IN MIND

Pure Automation's engineering teams have developed basic applications for the most widely used RTU's (Remote Terminal Units) in the industry today. Applications include proven well-cycling control solutions driven by local or host interfaces. Systems are scalable and configurable, providing efficient use of automation resources. All functions are accessible from a local interface or web browser.

Well optimization package

Selectable functionality including:

- self-optimizing plunger lift applications
- well production, performance statistics and historical data
- safety shutdowns and alarms
- options include soap injection optimization, water transfer/injection, wellhead compression and other customizable features

Host application package

Our detailed host system, based on Wonderware®, allows you to store your own data and to remotely:

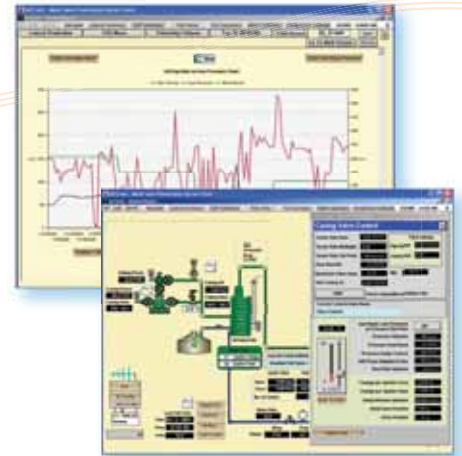
- quickly configure each well and monitor performance
- control and access equipment from a web browser
- set and respond to alarms, access trending, and generate reports

Data hosting option

Don't have a server room or IT staff? Take advantage of our secure servers running the Pure Automation host application. Convenient and less costly than installing your own host system.

Custom applications

For any application, Pure Automation can develop a system and interface customized to your needs. The depth of experience from our engineering team gives you the knowledge to tackle any automation challenge.



More than half of all well-control alarms can be solved remotely.

Log in from anywhere on the internet to check the field, acknowledge alarms, and start or stop equipment safely. Real-time information and historical data is right at your fingertips on easy-to-read screens.

From a handful to thousands of wells, scalable systems are swiftly developed — a recent installation automated 1,000 wells in under a month!



PROVEN RESULTS

TURNKEY MONITORING AND CONTROL SYSTEMS

Pure Automation has technical programming knowledge along with field experience and engineering skills to create reliable, effective data monitoring and control packages. See our web site or call for current details.

Our people — sharp and dedicated

Engineers and Technicians — our team of engineers and technicians work together to provide our customers unparalleled support in the field and in the control room to solve any automation challenge.

Application Engineers — diverse backgrounds from petrochemical to pharmaceutical to water purification, create a dynamic team with innovative programming and integration skills. Our engineers develop software and network systems specific for each monitoring and control application.

Field Automation Technicians — certified low voltage technicians install and commission end devices, RTU's and PLC's, integrating complete optimization solutions.

Control Specialists — from design to communication diagnostics, control specialists build the direct link between engineering and field execution and services.

Well Optimization • Automation • Well Dynamics Specialists — years of in-field well experience compliment automation skills to optimize well deliquification processes.

Projects — proven results

Production Enhancement and Optimization—utilizing manual and self-optimizing features our customers have [increased production 18-22%](#).

Reducing Emissions—smart automation [dramatically reduces venting](#) required for production of liquid-loaded wells.

Water Injection — monitoring, surge control, auto restart, alarming — all lead to [more efficient pump use and decreased pump wear](#).

CO2 Injection Headers—[Maintain field pressure](#) while controlling flow to the injection wells. [Optimize CO2 usage](#) by injecting where needed without over injecting.

Communications and Remote Monitoring — extensive knowledge of wireless communications systems, and ability to conduct feasibility studies. Effective [data communication across town or throughout the Rocky Mountain Region](#).

Safety Systems — from fire to pressure and fluid alarms, [dozens of safety parameters can be monitored](#) and alarm the operator, or shut down systems automatically.

Greening—saving money and easier on the environment.

Pure Automation's technology allows our customers to dramatically reduce methane emissions and air pollution. Remote monitoring and automation significantly reduce vehicle traffic to and from well sites, both reducing travel costs and air pollution.

Internally, Pure Automation is working on reducing emissions by pursuing VISTAS, a voluntary pollution reduction program sponsored by the State of New Mexico.



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