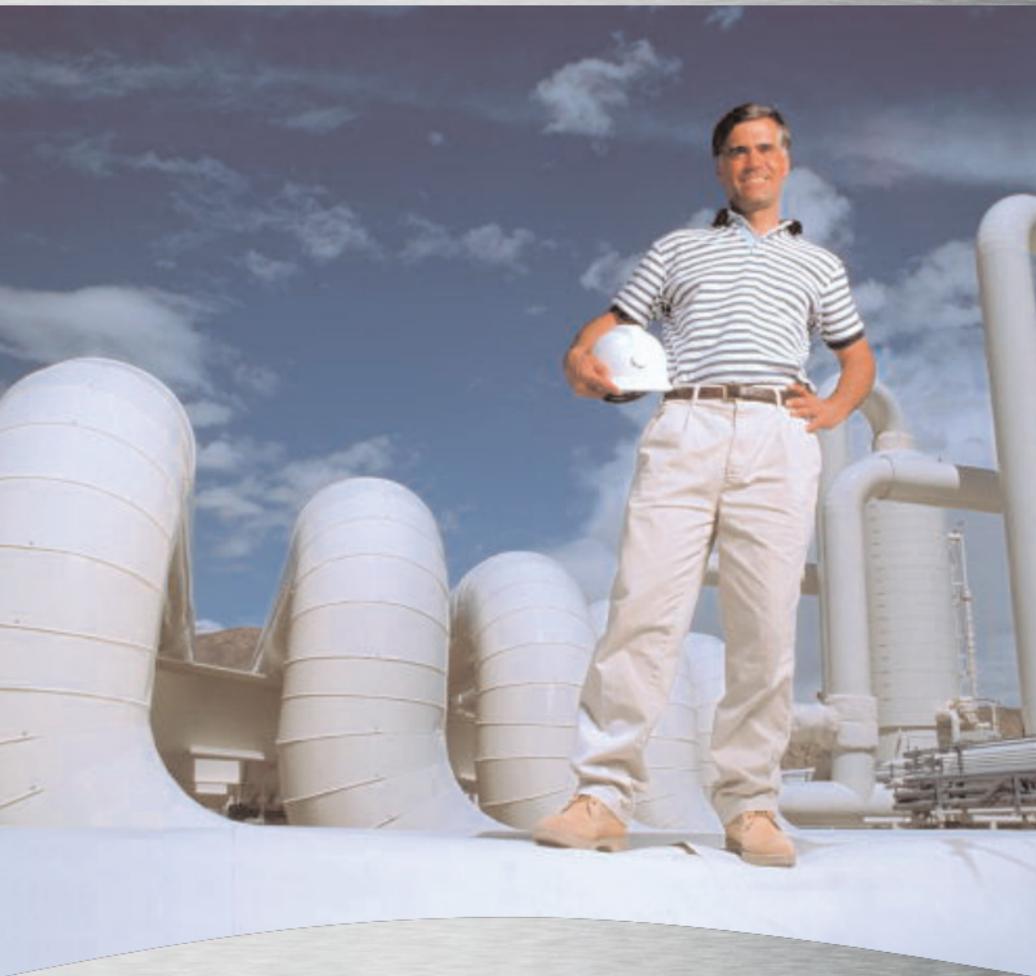


Industrial Services

Honeywell



**Maximize the Return on Your
Automation Investment**

There are two things you can rely on in business. Change. And Honeywell.

No matter how well run your operation might be, unexpected opportunities often demand new strategies, and aging systems must be refreshed in order to keep pace. Responsiveness to change is paramount—especially when you rely on complex automated processes.

Honeywell Process Solutions is a trusted service provider for the process industries, offering the needed expertise—in your market—to enable better plant performance and improved economic results. We help customers improve their asset and operator effectiveness, and deliver superior process automation solutions providing you with a competitive advantage.

Only Honeywell brings together all the intelligence you need into a real-time system for managing your entire operation, while maximizing the return on your equipment investments with continuous lifecycle support.





Intelligent solutions.



Honeywell's advanced Experion™ Process Knowledge System (PKS) unites your people, facilities, technology systems, processes and overall business—and optimizes everything from output to the cost of doing business. Experion is built on proven, open, yet completely secure distributed Abnormal Situation Management® (ASM®) technology that is designed to keep you in touch with every aspect of your operation, and scale as your needs change.

With Honeywell's ASM solutions, you can avoid potential problems that cause upsets and loss. These solutions help determine

probable causes for incidents, as well as recommended actions for sustaining and optimizing performance of assets throughout your operation.

Change, of course, is something you can count on, and no one makes your automation investments pay off like Honeywell Process Solutions. Honeywell is the only automation services provider that continues to support products developed and installed as much as 30 years ago—third-party systems as well as previous Honeywell products. And with our Integrated Operator Node (ION™) technology, we can migrate your existing systems to latest Experion solution in just minutes and ensure that all of your process control systems—facility-wide—work together seamlessly.

Honeywell's unique combination of Experion technology and continuous lifecycle support puts you in control of your migration timetable. You decide what components to invest in, and how much longer you want to maintain your current capabilities. Whether you're managing existing parts



or infrastructure, or considering software and hardware upgrades,

Honeywell can maximize your ROI while helping you maintain predictable year-over-year expenditures.

When you finally decide it's time to augment or replace existing systems, Honeywell's Project Engineering Services can provide all of the planning, design, construction management, implementation and startup services needed to deliver complex process control projects on-time and on-budget, with minimal downtime. Our documented track record of 98+% on-time and on-budget delivery says it all.

"Thanks to Honeywell, we have reduced start-up time and production downtime, as well as improved product quality."

— Victor Phillip Dahdeleh,
Chairman of Aluminum Oxide
Stade, Germany



Never-ending lifecycle support.

"Experion PKS is not only changing the way other vendors are reacting to the marketplace, but also how engineers are thinking about their jobs."

— David Greenfield,
Chief Editor, Control Magazine

What's more, Honeywell pioneered the co-sourcing structure within the automation industry. Our proprietary methodologies both accelerate and sustain the benefits of your automation investments—yielding results up to five times faster than under a traditional bid-project structure.



Industry-leading Expertise, in Every Facet of Process Control Technology

Only Honeywell integrates field equipment and data, distributed control systems (DCS), and advanced process control (APC), with manufacturing execution systems (MES) and enterprise resource planning into enterprise-wide solutions that help you efficiently and effectively manage every aspect of your operation, including:

- **Hardware**—Preventing equipment failures and resolving problems quickly are the keys to consistent performance. Honeywell can help with proactive component monitoring and maintenance services that boost performance, extend component lifecycles, and lower your overall cost of ownership. Installations supported by Honeywell hardware management typically experience maintenance cost reductions as high as 30 percent. That's efficiency that goes straight to your bottom line.

- **Applications**—Chances are, there are overlooked opportunities in your system. We'll help find them, and leverage the full potential of your technology investment through detailed assessment and optimization of the systems that drive your throughput, controls, and efficiency. Our tested and proven technologies have resulted in production increases of up to 4 percent, without compromising safety or profitability.

- **Performance**—Eliminating disparate data "silos" and creating a unified automation platform can help your operation become more proactive, efficient, and productive. Honeywell performance management services can integrate process and business data across your facility, ensuring that information is available where and when it's needed. In fact, Honeywell



customers typically experience production increases of 3 to 6 percent and cost reductions of 2 to 3 percent.

- **Intelligence**—A wealth of knowledge about your systems and processes resides in your workers. However, as your workforce ages or transitions into new responsibilities, documenting and distributing their intelligence and experience will become increasingly critical. Honeywell's innovative co-sourcing programs improve plant performance by combining the knowledge of our customer's employees with our state-of-the-art technologies and industry-leading automation expertise. Our tools



increase plant efficiency and reduce the risk of process upsets and unplanned downtime.

- **Security**—Today's marketplace requires multiple safeguards for your facilities, your data, and your systems. Honeywell can assess your existing security measures, and design and monitor an integrated solution of safeguards, including security for your network, physical, electronic, and intellectual assets.
- **Support**—From on-site expertise and engineer-staffed call centers, to a variety of Web-based tools, Honeywell provides a full range of technical support to guarantee the viability of your systems for as long as you own them.



"Honeywell provides excellent solutions on time and within budget."

— David Ashfield,
Manager, ConocoPhillips

Complete Lifecycle Support

No matter where your systems or operations are in their lifecycles, Honeywell can help maximize your return on existing technologies and keep you at the top of the competitive curve.

Honeywell Automation Services

The performance behind the processes in:



• Chemicals



• Life Sciences



• Mining, Minerals, Metals



• Oil & Gas



• Power Generation



• Pulp, Paper, Printing



• Refining

Design	Implement	Optimize	Maintain
<p>After gaining an in-depth understanding of your industry, operation, business priorities, and your facility's technology evolution, Honeywell can identify optimum areas for automation, design custom solutions, and provide process experts for limited-term on-site engagements.</p> <ul style="list-style-type: none">• Master Automation Planning• Front-End Engineering Design• Detailed Engineering• Advanced Design• Procurement/Supply Management• Construction Management• Commissioning/Startup	<p>You can benefit from Honeywell's best-in-class safety record, and the experience of the more than 2,000 Honeywell engineers who have completed successful process control installations in more than 90 countries around the globe.</p> <ul style="list-style-type: none">• Software Applications• Hardware Applications• Database Configuration• Database Loading• Instrumentation• Security & Alarms	<p>Once your process systems are up and running, Honeywell experts can provide optimization tools, technology enhancements, SESP, technical support, and the insight you need to maintain optimized performance levels.</p> <ul style="list-style-type: none">• Knowledge Management• Site Audits• Process & Procedure Consulting• Process Engineering• Solution Enhancements• Training	<p>Because Honeywell supports legacy systems—including non-Honeywell brands—we can help ensure that all of your systems work as one, and decommission or re-automate systems when necessary.</p> <ul style="list-style-type: none">• Hardware & Software Support• System Performance Baselining• Parts Management• Upgrades & Migration• Predictive & Preventive Maintenance• Emergency & Corrective Maintenance• On-Site Support• Telephone & Online Support• Diagnostics• Plant History & Information Management

We'll Uncover Your Hidden Resources

Honeywell's comprehensive services are collaborative solutions designed to help your enterprise realize its highest potential. We'll help you leverage the existing areas of knowledge and excellence within your organization, and augment them with our own Six Sigma crafted best practices. Our co-source services represent just one facet of resources Honeywell has in place worldwide—more than any other provider.

Within that vast collection of resources, our service team ranks as the industry's largest, staffed with professionals experienced in process automation as applied to the unique requirements of your industry and application. Working in cooperation with your people, we can identify opportunities for increased productivity and profitability, and deliver results that are measurable, relevant and based on your business metrics.



Our Reputation is Founded on a Commitment to Quality

Experience such as ours can only advance your business if it's backed by a dedication to excellence. At Honeywell, we believe that companies whose employees aspire to the highest levels of quality and efficiency will be counted among the winners in the new economy. That's why we invest heavily in the knowledge development of all Honeywell personnel serving our customers, and why we staff our support centers around the world with technical experts who average more than 20 years of experience in the business of process automation.

A Six Sigma company, Honeywell has not only infused this accepted measure of excellence into our own corporate culture worldwide, we've also taken Six Sigma to an even higher level with the development of Six Sigma Plus, a proprietary program that we offer externally to our customers and suppliers.

Count on Honeywell

The more the marketplace changes, the more sense it makes to rely on Honeywell. From resources around the globe, to long-term support of all your assets, to our complete breadth of services that keep you operating at peak efficiency, Honeywell delivers.

For More Information

Learn more about how Honeywell's Services and our full range of customer support solutions can improve your performance. Visit our website www.honeywell.com/ps or contact your Honeywell account manager.

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