

SERVICE NOTE

Effective Procedural Operations Services (EPOS)



Every day across key industries—oil and gas, pulp and paper, pharmaceuticals, refining and chemical—plants must execute common, repeatable tasks that often combine manual and semi-automated processes.

Are your manual processes adding value risk?

When key processes require an operator to manually control or activate specific components, such as shutdown and startup, execution can be inconsistent. And when that happens—whether the reason is varying levels of operator expertise, less-than-explicit instructions, out-of-date or missing data or unregulated input—the consequences can range from lost time and revenue to unnecessary safety hazards. Consequences that will likely be repeated time and again.

Honeywell: ready to show you a better way.

Now Honeywell offers a better solution. Honeywell Effective Procedural Operations Services (EPOS) are designed to reduce process execution times, minimize operational problems, increase operator efficiency and deliver bottom-line savings by integrating manual operations with automated controls. Procedural Operations can track the process and interact with the Operator based upon actions where measurements are available. Procedural Operations causes your procedures to come alive and interact with personnel. When you consider that cutting just four hours from the shutdown/startup time of a furnace, multiplied enterprise-wide, could equal millions in savings each year, the benefits of EPOS are clear.

Based on the best practices of the Abnormal Situation Management® (ASM®) Consortium, Six Sigma methodology

and Honeywell's unparalleled control expertise, Honeywell EPOS:

- Streamline activity and transition times while minimizing problems and downtime
- Establish explicit guidelines for planning, execution and problem resolution
- Improve quality and operational consistency
- Ensure compliance with industry best practices
- Provide an audit trail of all actions
- Enable security/signoff access and qualification verification

Partner or consultant? You decide.

No one knows your systems better than your plant and process design personnel. That's why Honeywell will work closely with your team to discover, analyze, document and improve your processes, then train your plant personnel in state-of-the-art procedural operations activities. We'll locate and remove possible roadblocks that may impede safe operations and maintain proper procedures. EPOS will Implement existing systems into the Honeywell Experion™ Process Knowledge System (PKS) interactive instructions within the Sequential Control Module (SCM), controller or the ACE node, and provide consistent and reliable guidelines for handling a wide range of complex operations in less time.

Honeywell

The EPOS portfolio

In addition to preconditioned models and templates of specific industrial process procedures, the Honeywell EPOS solution includes:

- **Procedural Operations Scoping Workshop**
Evaluate and prioritize current procedural operations needs including: presentation and explanations of objectives, review methods used to manage procedures, procedure types for best fit, start-up/shut-down/etc., value of converting manual procedures, known metrics, interviewing key contacts, prioritizing manual procedures for conversion and next step planning and scheduling.
- **Best Practice and Value Consulting**
Includes an audit of current procedures and comparisons with ASM guidelines, plus other assessments and tools that aid in maintaining best practices.
- **Workflow and Procedures Consulting**
Evaluation of your procedure workflow, development of needs and risk assessments and process design, plus other tools and capabilities aimed at improving workflows and procedures. Procedural Operations has the ability, as it executes, to capture data to support continuous improvement by looking for the delays/bottlenecks and remove them if possible. Without changing equipment you can get more effective procedures by workflow analysis.

For More Information

For more information about Honeywell's process solutions for your industry and how we can address your specific requirements for consistent management, implementation and execution of procedural operations, visit our website at www.honeywell.com/ps or contact your Honeywell account manager.

Automation & Control Solutions

Process Solutions

Honeywell

2500 Union Hills Dr.

Phoenix, AZ 85027

Tel: 877.466.3993 or 602.313.6665

www.honeywell.com

- **Procedure Operations Project Services**
Procedure configuration, implementation and optimization to ensure that ASM guidelines are implemented. Simulation, validation and training are additional aspects of this service area. Through consistency with other Experion functions, not a separate environment or tool, everything is embedded in the solution. This consistent embedded solution is part of the Experion infrastructure and uses common system capabilities the Operator is familiar with like, alarm, history, security, Operations Cockpit and more.
- **Continuation Life Cycle Services**
Regular and ongoing reviews with operations for process changes that might have occurred to ensure that references are still correct and control devices are being verified.

The heart of the Honeywell advantage: Experion

Honeywell EPOS are formed around Honeywell's industry-leading Experion, the only process automation system that integrates people with process, business and asset management. Combined with Honeywell's co-source and knowledge management services, it's a solution that can help you capitalize on opportunities more effectively today and assure the continued evolution of your enterprise well into the future.

Experion is just one more example of the Honeywell commitment to ROI. Honeywell is the only manufacturer that continues to maintain all of its branded systems, no matter when they were released. Whether you're considering software and hardware upgrades, managing spare parts or updating your systems, Honeywell lets you choose when to modernize, what components of your control solution to invest in, how you fund the investment and just how much longer you want to maintain your current capabilities. Our solutions ensure that you'll be able to maintain predictable and consistent year-over-year expenditures.

