WHAT’S NEW FROM HONEYWELL
Enterprise-wide Solution to ICS Cyber Security

Comprehensive ICS Prevention from Cyber Attack – Scalable, Vendor Agnostic and Proven

What Is It?
Honeywell offers a comprehensive vendor neutral, multi-site cyber security solution to protect each industrial control system (ICS) across your enterprise. The solution is scalable from secure remote access and file patching to more comprehensive monitoring, alerting and response capabilities. The solution combines ICS Shield software, from the acquisition of Nextnine®, with Honeywell’s Managed Security Services (MSS) and related cyber security software like Risk Manager. The result is a truly enterprise-wide approach to securing your Operational Technology (OT) environment.

What Can It Do for You?
Safeguard against the next cyber attack before it occurs and ensure safe and available production across your enterprise with the most complete solution to industrial cyber security. Increase the visibility to cyber risk, help ensure regulatory compliance, strengthen cyber security resilience and maintain operational reliability.

Why Choose Honeywell?
- Proven at +6200 installations
- Scalable, DCS agnostic solution from a single vendor
- Flexibility in setup and delivery – Honeywell offers software, hosting and/or services
- Cyber security and ICS experts with global delivery capabilities

Learn more at www.becybersecure.com
ICS Shield™

*Increase Cyber Security through Secure Remote Access to Assets*

**What Is It?**
Honeywell’s ICS Shield software, from the acquisition of Nextnine®, offers top-down OT security management for securing connected industrial control system (ICS)/SCADA environments. This field-proven software automates the deployment and enforcement of plant-wide security policies while focusing on security essentials such as inventory visibility, patching, log collection, incident alarm and response, and compliance reporting.

**What Can It Do for You?**
ICS Shield helps protect industrial sites from cyber security attacks by delivering unrivaled visibility, reliability and compliance. Previously, ICS Shield had to be deployed separately for each control system vendor, resulting in multiple and separate installations at a single customer site. Now customers are able to deploy and operate a single system, thereby simplifying and better securing their entire site with Honeywell’s proven capability to provide multi-vendor solutions.

**Why Choose Honeywell?**
- Software is proven - +6,200 sites globally across the oil and gas, utility, chemical, mining and manufacturing sectors
- DCS agnostic software solution complements Honeywell’s extensive cyber security portfolio of Managed Security Services and software like Risk Manager.

Learn more at [www.becybersecure.com](http://www.becybersecure.com)
Industrial Cyber Security Risk Manager R160

Proactively Measure, Monitor and Manage Industrial Cyber Security Risk

What Is It?
Honeywell’s Industrial Cyber Security Risk Manager is the first solution to proactively measure, monitor, and manage cyber security risk across industrial environments, providing users of all levels with real-time visibility, understanding and decision support required for action.

What Can It Do for You?
The newly released Enterprise Risk Manager lives on the Level 4 business network and provides cross-plant cyber risk visibility into Risk Managers at various sites on Level 3. Users can take advantage of the new features - Syslog Forwarding to forward encrypted Syslog messages from devices, and Analysis View for comparing and analyzing data among sites. Corporate Leaders for Security Risk, Operations Managers and IT Leadership now have a solution platform that measures, monitors and manages industrial cyber risk.

Why Choose Honeywell?
• The first solution to proactively monitor, measure and manage cyber security risks for industrial environments
• Translates complex industrial vulnerability, threat and risk data into a consolidated, at-a-glance view for improved site-wide situational awareness.

Address cyber security challenges in ways not previously possible, Risk Manager – first of its kind for industrial environments.

Learn more at www.becybersecure.com
Secure Media Exchange (SMX) R100

Protect Against Current and Emerging USB-Borne Threats

What Is It?
SMX reduces the cybersecurity risk and operational disruption for industrial organizations by protecting the use of removable media such as USBs and thumb drives. It also manages USB ports across any industrial facility against cyber risk and unauthorized usage.

What Can It Do for You?
With the SMX solution, plant owner/operators gain unprecedented control and visibility into the secure use of removable media, reducing cyber risk to process control networks globally. SMX reduces cybersecurity risk and operational disruption for industrials by monitoring, protecting, and logging use of removable media and securely delivering vendor-agnostic threat research updates at site facilities.

Why Choose Honeywell?
SMX provides the latest in advanced threat detection capability to critical infrastructures isolated network environments through:
• Comparing files on a USB to an evergreen repository of industrial vulnerabilities and threat
• Monitoring the usage of the removable media throughout the site
• Monitoring the USB ports throughout the site.

Securely use the removable media you depend on today while safeguarding your industrial process from cyber threats of tomorrow.

Learn more at http://hwll.co/SMX
Safety Manager SC

Ensure Safety, Simplify Operations and Reduce System Costs

What Is It?
Safety Manager SC is a modular, fault tolerant safety system capable of solving the most challenging Emergency Shutdown (ESD) / Safety Instrumented System (SIS) applications in the Process Control industry. Certified by TÜV Rheinland for use in safety applications up to Safety Integrity Level 3 (SIL3), it is a logical evolution of the Safety Manager providing a number of improvements as the design changes to the C-Series form factor including an S300 processor, Safety Digital IO (SDIO) and offline simulation capability. It is operationally integrated with Experion® and meets the latest cyber security standards.

What Can It Do for You?
Safety Manager SC provides an "out of the box" certified safety platform that can be easily configured to meet SIL2 and SIL3 applications across the plant ranging from small packaged systems to large distributed architectures. Its modular design will allow it to be configured in a variety of ways potentially reducing space requirements and costs.
Applications: ESD/SIS, Fire & Gas, Burner Management, HIPS, and Critical Control

Why Choose Honeywell?
Since 1988 Honeywell’s safety system solutions have been used to enhance process safety, reliability and availability in over 14000 installations worldwide. Through our regional centers of excellence, we provide complete safety lifecycle support from initial hazard/risk assessment consulting to system design/integration to FAT/startup to ongoing field testing/support.

Learn more at www.honeywellprocess.com
Experion Batch

Visualize Your Batch Production Like Never Before

What Is It?
Experion® Batch combines Experion’s distributed control, batch automation, and patent pending visualization technology for a solution optimized for Pharmaceutical, Specialty Chemical, and Food & Beverage applications. The next generation batch HMI will be included in upcoming releases.

What Can It Do for You?
Experion Batch incorporates the ControlEdge™ Unit Operations Controller (UOC), which reduces hardware footprint. ControlEdge Virtual UOC enables flexible recipe development, testing, and execution in a virtual environment. Universal I/O provides flexible, efficient configuration and spares management. Patent pending visualization technology with look-ahead views provides operators with insight to upcoming events or potential delays and the flexibility to conduct more tasks concurrently.

Why Choose Honeywell?
Combining Honeywell’s existing technology with innovative design allows ease of migration, a reduced footprint, and use of Universal I/O. Honeywell’s enhanced Experion Batch Manager runs in the faster environment of the controller, and helps users maximize productivity, optimize current investments, increase flexibility, and reduce costs.

Eliminates the need for a dedicated batch server, eliminating the need for upkeep and patching associated with Windows systems.

Learn more at www.honeywellprocess.com/uos
Better Control Gives You a Competitive Edge

What Is It?
Honeywell’s new PLC is part of the ControlEdge™ family, a next generation family of controllers providing unprecedented connectivity through all levels of process and business operations. ControlEdge PLC is one of our first controllers supporting Honeywell’s IIoT-ready initiative, and is the first PLC that is ISAsecure EDSA Level 2 certified for cyber security.

What Can It Do for You?
ControlEdge PLC, when combined with Experion®, dramatically reduces integration costs, minimizes downtime and extends system lifecycle through unified support, and decreases cyber security risk. Results include faster start-up, optimized HMI, LEAP project execution, faster field device commissioning, and improved device diagnostics. Honeywell now offers an HMI panel PC, and a new application migration tool including extensive pre- and post-migration reports improves project schedule.

Why Choose Honeywell?
Choosing Honeywell provides distinct support advantages as well as access to our broad portfolio. We make it easy to do business with us through an enhanced buying experience. Switching to ControlEdge PLC is risk free with Honeywell support for hardware design, migration, engineering support and end user acceptance.

“ControlEdge PLC is definitely showing that it will be a leader in the controls world”
- Wunderlich-Malec

Learn more at www.honeywellprocess.com/plc
ControlEdge RTU R150

Your Edge to Improve Management of Distributed Assets

What Is It?
Honeywell’s RTU is now part of the ControlEdgeTM family, a next generation family of controllers providing unprecedented connectivity through all levels of process and business operations. The newest features include electronic flow metering (EFM) for both gas and liquids, HART support, expansion I/O, redundant controller, wireless I/O, and HART-enabled I/O.

What Can It Do for You?
ControlEdge RTU provides simplified and efficient remote monitoring, diagnostics and management. It reduces equipment monitoring and diagnostic time from hours to minutes. Now, R150 also provides accurate EFM for both oil and gas. Additionally, new HART support allows operators to automate loop check and commissioning, reduce hard wired I/O and extend device diagnostics. The RTU is targeted primarily to upstream and midstream O&G and mining.

Why Choose Honeywell?
Choosing Honeywell provides distinct support advantages as well as access to our broad portfolio. In addition, integration with Experion® ensures quick implementation and updates. Integration with Experion SCADA reduces configuration time by 80%.

“By implementing an advanced RTU solution for natural gas metering in remote locations, we were able to achieve operations that are safe, predictive and diagnostic.”
- Project Manager, major Asia-Pacific CSG Producer

Learn more at www.honeywellprocess.com
ControlEdge Unit Operations Controller

Your Edge to a Compact DCS

What Is It?
The ControlEdge™ Unit Operations Controller (UOC) delivers a powerful DCS solution in a compact form factor. ControlEdge™ is a next generation family of controllers that complements the C300 and Series-C platform to provide a fully integrated automation solution to meet diverse customer needs.

What Can It Do for You?
The new ControlEdge™ UOC reduces hardware footprint, so that even the mightiest control is available to the smallest processes. The UOC and Virtual UOC extend the Experion® control environment to fit even the smallest specialty chemical, pharmaceutical, food and beverage, mining, pulp & paper, midstream, and water applications. The virtual controller eliminates hardware and utilizes industry-standard virtualization and cloud technology.

Why Choose Honeywell?
Honeywell’s innovative design allows ease of migration, a reduced footprint, and use of Universal I/O. The UOC provides a full set of DCS control features, and can be mounted without a cabinet or additional hardware requirements. The UOC also provides a standalone, fully functioning class-based batch system without requiring a separate batch server.

Part of the ControlEdge family of next generation controllers, ControlEdge UOC brings scalability and flexibility to many applications.

Learn more at www.honeywellprocess.com/uos
Experion Elevate

Technology Elevated to the Cloud. Grounded by Honeywell’s Dependability.

What Is It?
Experion® Elevate provides real-time SCADA delivered as a secure and scalable service. Elevate delivers predictable costs, continual support, and it is always up to date.

What Can It Do for You?
Experion Elevate greatly reduces on-premises physical footprint, hardware, software, and maintenance. Our solution brings you business agility and increased operational efficiency from implementation through ongoing lifecycle operations. With Elevate, you get the latest software and features, reduced need for on-site support and skills maintenance, lower cost of entry with OPEX potential, rapid project deployment, cyber secure access and collaboration anywhere, regulatory compliance, and lower lifecycle cost.

Why Choose Honeywell?
Whether you choose a traditional on-premises solution, an off-premises Experion Elevate solution or a combination of the two, Honeywell delivers robust options to fit your business needs with operational efficiency and easy integration to Experion. Partnering with Honeywell ensures you have an entire suite of solutions available to choose from. We’re invested in the success of your system because it’s running on ours.

Learn more at www.honeywellprocess.com/elevate

We call it Elevate because it takes SCADA to a higher level.
Experion HS R500

Optimizing Operator Efficiency with Improved SCADA and HMI Solutions

What Is It?
Experion® HS is a powerful software platform that incorporates innovative applications for HMI and SCADA. The new Experion HS R500 offers
• Fast, easy and secure integration with ControlEdge™ PLC
• Industrial grade Experion Panel PC for field operations
• Support for Windows 10 OS
• Integrated plant-wide solution with ControlEdge PLC, Experion Panel PC and Experion HS

What Can It Do for You?
Various brands of controllers are brought together into a single operator environment under Experion HS where plant visualization, history, trending, alarming and reporting are performed in a simple, consistent fashion. Experion HS enhances operator response and provides readily available information and data for operator effectiveness. It improves safety management of critical processes and equipment. In addition, productivity tools enable faster and more accurate engineering and better maintenance efficiency.

Why Choose Honeywell?
Honeywell has been delivering comprehensive SCADA solution continuously enhanced over 25+ years. Experion HS has a proven market presence of 8+ years with around 1000 installations worldwide so far in delivering a powerful, integrated, scalable and affordable solution for small to medium unit operations.

Learn more at www.honeywellprocess.com

Reliable, flexible, scalable, efficient, and easy to use SCADA for wide range of applications
LEAP for Operations


What Is It?
LEAP™ for Operations utilizes the LEAP project methodology to optimize, simplify, and run operations more efficiently. LEAP™ for Operations extends LEAP efficiency principles to provide a step change in productivity and throughput.

What Can It Do for You?
Once an automation project is implemented, continue to use the LEAP principles to run the facility more efficiently, squeeze more out of what you have, and avoid major capital expansions. LEAP has now evolved to apply efficiency to ongoing operations through edge device integration, cloud-enabled execution, and universal and connected assets.

Why Choose Honeywell?
LEAP for Operations may include a variety of solutions with a flexible deployment strategy to bring more value out of operations. Honeywell’s breadth of solutions allows us to include automated documentation, collaboration tools, integrated controllers, advanced alarm management, real-time analytics, proactive asset management, and cloud-based execution with built-in cyber security.

Apply LEAP efficiency principles to operate closer to the limit, optimize throughput, and increase asset performance.

Learn more at www.honeywellprocess.com/leapforoperations
Honeywell Trace

Documentation and Change Management Software for Better Decisions

What Is It?
Honeywell Trace™ is a documentation and change management software for control systems that enables enhanced analysis of engineering changes. It captures and records configuration data to enable users to track and manage changes, identify engineering anomalies, eliminate errors and accelerate project planning.

What Can It Do for You?
Built around the Honeywell User Experience, Honeywell Trace™ is rich with features that will deliver an immediate, positive impact in the areas of productivity, safety, and transparency. It enables users to capture current system configurations, identify anomalies, record changes, write notes, and search through change history to rapidly find the information they need through an interactive dashboard.

Why Choose Honeywell?
Documenting data up to 300 times more frequently than other solutions, Honeywell Trace™ provides critical information that lets you know why, when, and what actions were taken and how those actions compare to those in the past.

"We have installed [Honeywell Trace]. We see the benefits of having a system supervising our control system and we plan to use it extensively."

- Stig Pettersen, Lundin Norway

Learn more at www.honeywelltrace.com
Open Virtual Engineering Platform

Yours in an Instant. Virtual Engineering Redefined

What Is It?
Honeywell’s Virtual Engineering Platform (Open VEP) provides a secure, centrally hosted cloud environment for automation engineering. When offered as a service for hosting off-process lab infrastructure in the public cloud, it will reduce costs, improve efficiencies, and deliver greater overall value to both end users and EPCs.

What Can It Do for You?
Reduced system support costs; Lower CAPEX and OPEX demand; flexible monthly hosting fees; versatile lab system infrastructure; system access from anywhere, at any time; easier collaboration with engineering team members, suppliers and contractors; reduced set-up time and costs; lower personnel and support costs; optimum use of resources; flexibility with assets and data; shorter engineering schedules; enhanced workflows; improved migration testing; early and quick access to new control system releases.

Why Choose Honeywell?
By applying engineering disciplines to the traditional application of cloud computing, Honeywell’s Open VEP results in a new and significantly more cost-effective approach to automation system engineering, validation and testing. With a secure and reliable cloud environment, start engineering in an instant from anywhere in the world.

Learn more at www.honeywellprocess.com

Open VEP provides in an instant, the flexibility and convenience of an engineering and test environment on demand, at the lowest cost and highest efficiency.
Experion LCN

The Perfect Automation Solution for the Perfect Storm (Compliance Issues and Increasing System Support Challenges)

What Is It?
Experion® LCN enables incremental TPS modernization and offers benefits such as virtualization, shrinking coax connection and a reduced footprint. Experion LCN offers a secure, seamless integration with the Experion PKS architecture, with standards-based functionality, regulatory support capabilities, and integrated operations from the field through the plant to the business level.

What Can It Do for You?
Honeywell’s on process incremental upgrade to Experion LCN modernizes the control system infrastructure and enables the Industrial Internet of Things (IIoT by Honeywell). This strategy maintains safe and reliable controls while modernizing and evolving with the most advanced technologies. It keeps established, reliable systems running longer, extends uptime, and preserves investments in hardware and network infrastructure.

Why Choose Honeywell?
• Honeywell’s secure path to current technology offers seamless integration with the Experion PKS systems
• TPS modernization solution minimizes operating disruptions and maintains overall consistency, as well as delivering optional lifecycle advantages with virtualization.

Plants can now take a legacy system and gradually, move it forward to become part of a new, modern system while protecting existing asset investments.

Learn more at http://hwll.co/ELCN
Unifomance Suite

Optimize Your Operations with Real-time Digital Intelligence

What Is It?
New releases of the Unifomance® Suite offer a fully integrated IIoT solution which provides real-time digital intelligence through advanced process and event data collection, asset-centric analytics and powerful visualization technology, turning plant data into actionable information to enable Smart Operations.

What Can It Do for You?
Imagine a fully integrated suite where all types of data are efficiently captured and stored for easy retrieval. In the Unifomance Suite, information is easily visualized and explored for effective engineering analysis. Events are predicted and detected based on underlying patterns and correlations, and process intelligence is used for better business decision-making — all performed within the context of an asset model.

Why Choose Honeywell?
Through its Unifomance Suite, Honeywell offers integrated, best-in-class data, analytics and visualization products built on a common platform to meet complex customer challenges, deliver significant business value, and reduce total cost of ownership.

“If you look at the term Digital Intelligence, I would say that these applications help us a lot to do that. One thing is to collect the data but to view them and use them in an easy way, then we need applications like Asset Sentinel.”

- Stig Pettersen, Lundin Norway

Learn more at www.uniformance.com
Unifomrance Insight R110

See How You Can Turn Plant Data into Actionable Information

What Is It?
Unifomrance® Insight provides a fully integrated solution where information is easily monitored and explored for effective analysis and troubleshooting by engineers, operations teams and other key personnel.

What Can It Do for You?
Unifomrance Insight is a thin-client software solution that offers data integration, performance information and visualization using existing IT/data systems. Utilizing standards-based technology, this software connects a wide variety of information sources, including plant floor and business applications, for improved data visualization without the need for expensive custom interfaces. Unifomrance Insight requires no installation on user devices, so users can get started just by clicking a link.

Why Choose Honeywell?
By using Unifomrance Insight, plants benefit from greater process intelligence enabling smarter and faster business decisions.

“Unifomrance Insight’s thin client capability means I can have more team members use this tool without having to install any special software on their computers.”
- Heath Case, DuPont Protection Solutions

Learn more at www.unifomrance.com/insight
Unifomance Connected Historian

Highly Scalable Cloud and Big Data Historian Ready for Enterprise and Big Data Analysis

What Is It?
The new Honeywell Unifomance Connected Historian delivers the real-time process data analysis expected from a traditional enterprise historian plus batch analysis capability from the data lake, ERP and production data.

What Can It Do for You?
Enterprise data can be analyzed instantly, using tools and functions already in use at sites and plants – on a far wider scale than was possible before. Now, insights found at one plant can be leveraged across all plants, allowing smarter, more strategic action to be taken.

Why Choose Honeywell?
The unique, thoughtful design of Unifomance Connected Historian brings the full power of cloud and big data to the traditional process historian function, connecting multi-site organizations easily – in a way never possible before. It delivers instant access to rich, complete historical data from which to draw insights and base strategic decisions that can impact profitability and business success.

Learn more at [www.honeywellprocess.com/connectedhistorian](http://www.honeywellprocess.com/connectedhistorian)
Uniforceance Asset Sentinel R510

Monitor Plant Performance and Equipment Health

What Is It?
Uniforceance® Asset Sentinel is a real-time process and equipment monitoring solution that acts as a ‘sentinel’ designed to provide predictive alerts and notifications to minimize unplanned losses and maximize uptime.

What Can It Do for You?
With Honeywell’s extensive process expertise you can deploy proven techniques and technologies to solve the most basic to complex problems. The solution supports a surveillance and event management system to visualize the health of the equipment and processes in the overall facility. With the ability to manage and reduce the frequency and impact of process and equipment anomalies.

Why Choose Honeywell?
Asset Sentinel’s complex event processing engine creates a ‘digital twin’ for your key plant assets and continuously monitors actual performance vs. expected performance using both physics based and data driven models.

“Uniforceance Asset Sentinel is our main tool for doing condition monitoring and having an overview of the state of systems on the platform. It is the umbrella for information regarding the key performance indicators coming from other systems.”
- Stig Pettersen, Lundin Norway

Learn more at www.uniforceance.com/assetsentinel
Honeywell Pulse

Know the Pulse of Your Plant Anytime, Anywhere

What Is It?
Honeywell Pulse™ is the mobile app available on Android and iOS that remotely connects plant managers, supervisors and engineering staff to customized, real-time plant performance notifications.

What Can It Do for You?
Through its tools and connectivity, the new release of Honeywell Pulse provides better context, allowing for quick assessments and concise action. With Honeywell Pulse you can forward, share and receive critical alarms and events to increase situational awareness. Users can take ownership of events, establishing a single point of resolution. It provides seamless connectivity for people collaboration, allowing users to easily share alert data with others and involve Subject Matter Experts, no matter where they are!

Why Choose Honeywell?
Tap into increased plant performance today with Honeywell Pulse. The app enables users to stay connected to their enterprise – wherever they are – by delivering condition-based metrics directly to their mobile devices.

Learn more at www.honeywellpulse.com
DynAMo Alarm Suite R200

Next Generation Alarm Management

What Is It?
Release 200 is the next installment of Honeywell’s multi-award winning DynAMo® Alarm Management software solution. The R200 launch introduces our next generation of Metrics & Reporting tool, aligned to all known global best practices and operating standards, and now available as an upgrade to any existing Matrikon or Honeywell AAM installation.

What Can It Do for You?
DynAMo Metrics & Reporting R200 is designed to help companies achieve the highest possible return on investment from their production assets. It helps achieve and sustain safe, reliable plant operation by empowering operators with the information they need to take effective action when confronted with abnormal situations. With new reports and advanced built-in analytics DynAMo drives complete operations integrity for your alarm system.

Why Choose Honeywell?
We bring to bear the process industry’s most extensive engineering and consultancy experience, with the ability to guide you through the complete operations management lifecycle. Leading edge software is combined with a best in class services portfolio to give you the right tools and services to develop, execute and manage your operations management strategy.

Learn more at [www.hwll.co/dynamo](http://www.hwll.co/dynamo)

DynAMo Alarm Suite R200 elevates Alarm Management to the next level. With a brand new user experience, its integrated reports and analytics help you solve your plants alarm problems – not just report on them.
DynAMo Operations Suite R200

Reducing Operational Risk and Driving Plant Performance

What Is It?
DynAMo® Operations Suite R200 is the next step in securing your plants complete operational integrity. Including tools for monitoring your process against your plans critical operating limits, ensuring you stay safe and productive 24/7. It also includes our fully integrated electronic operations logbook for securing those all important shift hand over and take over processes, and we add to R200 with our new Operator Instruction workflows, ensuring operations deliver to the operating plan on each shift, every shift.

What Can It Do for You?
Reduce operator error at shift handover. Increase plant performance and protect equipment through real-time monitoring of plant operating limits. Securing your plants operational integrity.

Why Choose Honeywell?
We bring to bear the process industry’s most extensive engineering and consultancy experience, with the ability to guide you through the complete operations management lifecycle. Leading edge software is combined with a best in class services portfolio to give you the right tools and services to develop, execute, and manage your operations management strategy.

Learn more at www.hwll.co/dynamo

DynAMo Operations Management changes the way companies do business. It forces plants to understand where their operating limits are and to ensure they stay within those limits at all time for safer, more profitable operations.
Control Performance Monitor R600

Turn Information into Action

What Is It?
DCS Platform and APC vendor independent, Control Performance Monitor (CPM) is a complete solution with regulatory loop monitoring, APC monitoring and tuning applications all bundled in one consolidated environment. The new engaging interface of this release allows easy visualization and rapid understanding of where your regulatory and advanced control improvement opportunities are.

What Can It Do for You?
Control Performance Monitor (CPM) allows users to VISUALIZE and monitor the entire plant, from instruments to MPCs, from one web portal. The user is able to identify control issues even before they occur, and then are notified automatically by the system. CPM helps you minimize the analysis time so you can spend it on improving your operations.

Why Choose Honeywell?
The easy implementation of Control Performance Monitor translates to overall improved operability and stability of the process, providing benefits through reduction in off-spec production, operating costs and product variability, as well as improved production rates. 75% of your physical assets are under process control.

“Using CPM was for taking proactive action instead of waiting until something happens and then finding out why it happened”
- PetroRabigh

Learn more at www.honeywellprocess.com

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UniSim eLearn

Operator Training Simulation – Anytime, Anywhere

What Is It?
Honeywell UniSim® eLearn, part of Honeywell Process Solutions Connected Plant portfolio, is a cloud deployed, simulator-based learning and development service that helps operators develop skills, gain knowledge and experience, and develop critical behaviors required to operate process plants safely and efficiently.

What Can It Do for You?
UniSim eLearn retains the essential characteristics of an OTS such as sophisticated mathematical models of the plant process equipment, process controls and operator interfaces familiar to users of UniSim Competency Suite products but makes this high fidelity experience available at the desktop wherever and whenever needed.

Why Choose Honeywell?
Honeywell is the market leader in the Operator Training Simulator (OTS) business for the hydrocarbon processing industries. UOP is the leading provider of process license technology to the refining sector. Automation college is a global training organization. UniSim eLearn combines these capabilities to provide unique service plan offering to our customers.

"This is the best solution [...] if we want to add more it is expandable we can always add more with no extra cost or effort”

- Saudi Aramco

Learn more at www.honeywellprocess.com
Matrikon FLEX OPC UA SDK

A Single, Scalable Toolkit for IIoT Connectivity.

What Is It?
Matrikon® FLEX OPC Unified Architecture (OPC UA) Software Development Kit (SDK) is the first robust, fully scalable software toolkit that simplifies the interconnection of industrial software systems, enabling them to communicate with each other regardless of platform, operating system or size.

What Can It Do for You?
Intended for use by discrete and process industry manufacturers, commercial customers, and automation original equipment manufacturers (OEMs). Matrikon FLEX has the industry’s lowest memory requirement, and its “server/client-in-a-box” design, provides a fast, seamless method of implementing optimized, highly reliable OPC UA products. As a result it provides a way to launch OPC UA-enabled products faster and with fewer changes. By using Matrikon FLEX, vendors can confidently focus their development efforts and resources on core business competencies, knowing their products deliver industry-leading interoperability and security as well as reliable data connectivity.

Why Choose Honeywell?
Matrikon’s FLEX SDK delivers a “one-stop shop” client and server solution for industrial organizations with diverse connectivity needs. This solution was realized by first adopting embedded-first principles, which made the toolkit smaller and more suitable for resource constrained applications, and then building a highly scalable architecture—providing a unique solution optimized across all platforms for performance and reliability.

Imagine your world with Matrikon FLEX OPC UA embedded in everything. Every device, platform and application will be empowered for connectivity by the most robust, scalable OPC UA toolkit today.

Learn more at www.matrikonflex.com
Honeywell Terminal Operations

Smart and Connected Solutions that Maximize Operational Efficiency and Business Performance

What Is It?
Honeywell Enraf provides a comprehensive range of products and systems for inventory management and tank terminal operations. Powered by IIoT, they maximize operational efficiency and business revenues.

What Can It Do for You?
Given the price volatility in today’s market, a storage and distribution terminal must continually improve its processes to stay profitable. On the other hand, they also need new solutions to break down old silos and fully integrate and automate their terminal networks. The best return on investment comes from increasing throughput, the flexibility to meet customer demands, keeping pace with emerging trends and continuous focus on safety, accuracy and compliance. Honeywell’s integrated approach to terminal operations helps achieve these goals.

Why Choose Honeywell?
- IIoT ready one stop integrated solution provider – OEM of servo, radar, wireless devices, safety products and terminal automation solutions
- Reduce overall project risk, accelerate production schedules and improve business performance with proven solutions that drive safety, reliability and efficiency.

Learn more at www.honeywellprocess.com
Ultrasonic Metering Portfolio

*Made to Measure*

**What Is It?**
Honeywell ultrasonic meters offer market-leading solutions for every gas measurement need. Honeywell ultrasonic metering solutions minimize uncertainty, maximize reliability and boost efficiency to meet the challenges of a tough business environment.

**What Can It Do for You?**
A portfolio of natural gas metering systems and services tailored to the demanding needs of the midstream. The portfolio provides the accuracy and insight that is needed to deal with low prices, volatility, a broad hydrocarbon mix, and increasing numbers of pipelines, some with contaminated natural gas.

**Why Choose Honeywell?**
With better solutions for custody transfer and verification, we help gas transmission companies, underground gas storage businesses and the LNG industry run more profitable operations:
- Eliminating the costs of undetected measurement errors
- Reducing downtime and lowering maintenance costs

With this portfolio, you can reduce recalibrations, implement condition-based maintenance, and diagnose problems sooner to avoid costly repairs.

Learn more at [http://hwll.co/USM](http://hwll.co/USM)
SmartLine Connection Advantage with Experion

Increase Benefits by Combining Experion with SmartLine Transmitters

What Is It?
The SmartLine® Connection Advantage ensures a unique integration of the SmartLine transmitters with the Experion® control system, making your operations more efficient, processes more reliable and employees safer. Transmitter messaging, maintenance mode indication, tamper reporting and Field Device Manager area health views are uniquely available to operators and field personnel. Cloud-based solutions such as the Application and Validation Tool or the Virtual Engineering Platform help to reduce project risk and schedule. Auto Device Commissioning furthers the reduction of engineering man hours and help to provide as-built and as-tested documentation.

What Can It Do for You?
Users that have combined SmartLine transmitters with the Experion control system have reduced their upfront project costs by 10% and lifecycle costs up to 20%.

Why Choose Honeywell?
Honeywell combines technology, knowledge of the customer’s plant and process automation expertise to provide unmatched performance starting from installation of SmartLine transmitters through startup and ongoing operation. The result is accurate and reliable process measurements, efficient plant operations and more value for your automation investment.

“Most importantly, we are looking for advantage of seamless integration of field instruments into Experion through [Field Device Manager].”

-Formosa Plastics Corporation

Learn more at www.honeywellprocess.com/smartline
SmartLine Level Transmitter SLG700

*Best-in-class Level Measurement and Control with Compelling (and Smart) Features*

**What Is It?**

Honeywell has extended its level portfolio with SmartLine Guided Wave Radar SLG700, for process level measurement and control. The performance, usability and configuration options of the SLG700 make it ideal for chemical, oil and gas, refining and energy applications. The SLG720 and SLG726 models offer complete set of configuration options to meet all industrial requirements, including process temperature and pressure range, corrosion compatibility, mounting options and certification for level applications.

**What Can It Do for You?**

It delivers reliable measurement in difficult process conditions and offers continuous production event with variation between batches or changes in process, due to innovative level tracking algorithm. Intuitive software tools make selection and configuration easy, and help lower the life cycle cost by saving up to 60% of time.

**Why Choose Honeywell?**

It provides winning solution for greenfield and brownfield applications in the chemical, oil and gas, refining and energy sectors with best-in-class level measurement and control, incorporating compelling (and smart) features such as:

- Innovative radar measurement technology delivering reliable measurement in process conditions
- Best-in-class user experience
- Lowest lifecycle cost
- Easy compatibility with Honeywell’s SmartLine Connection Advantage

Learn more at [www.honeywellprocess.com/smartline](http://www.honeywellprocess.com/smartline)
SmartLine Temperature Transmitter STT700

*Increase Benefits by Replacing STT 250 with STT700!*

**What Is It?**
The STT700 is the replacement for the popular STT250 temperature transmitter, thus it serves the bulk of the temperature sensing and measurement needs for the industrial marketplace. It features a combination of good performance and price that make it suitable for a variety of physical installations.

**What Can It Do for You?**
*Best-in-class stability and accuracy:* the STT700 features stability of 0.05% of URL per year for up to 10 years, and a digital accuracy of 0.15% (RTD PT100). This performance means that the STT700 can provide long-term reliable and accurate measurements for years. *Industry leading response time:* the STT700 can be used beyond just monitoring; it has the performance to meet control applications as well. *Diverse options for comprehensive site deployment:* with a diverse set of options including single or dual input, HART or DE protocols, universal sensor inputs, 2-, 3- or 4-wire RTDs, four different mount options, SIL 2/3 certification and various safety agency approvals, the STT700 can be targeted for usage across the entire plant site.

**Why Choose Honeywell?**
- Competitive and good performance suitable for the bulk of industrial temperature measurement applications
- Competitive value when considering performance specifications
- Unmatched value when SmartLine® Connection Advantage and integration with Experion® is considered against competition.

Learn more at: [www.honeywellprocess.com](http://www.honeywellprocess.com)
Quality Control Systems – Experion MX R700

Uncompromised Measurement and Controls

What Is It?
Experion® MX and MXProLine are Honeywell's Quality Control Systems for the paper and continuous web industries. Consisting of scanning measurements, supervisory controls, and cross direction actuators, they measure and control key product quality variables in real-time. R700 includes a new multivariable model predictive controller and improved grade change control for Experion MX Machine Direction Controls, improved online diagnostic and maintenance tools for the ZipLine Scanning Measurement Device, and numerous other improvements.

What Can It Do For You?
Experion MX and MXProLine improve product quality, reduce raw material and energy usage, and increase production efficiency at the lowest total lifecycle cost. When coupled with Experion PKS or HC900 I/O, they provide a full regulatory and supervisory control system for paper and continuous web producers.

Why Choose Honeywell?
Honeywell provides a complete portfolio of Quality Control System service offerings to:
• Optimize control performance and maximize production efficiency.
• Maintain and extend the life of process control equipment
• Provide a cost-effective path forward to the latest hardware and software
• Performance baseline and tuning services; migration services; QCS training

“The new package has performed the grade changes better than we have ever been able to achieve”

Learn more at www.honeywellprocess.com
Process Fire and Gas Consultancy Services

Optimize Safety and Avoid Catastrophic Situations

What is It?
Industrial fire & gas systems play a critical role in protecting people, processes and the environment. They continuously monitor fire and toxic or combustible gas levels within process plants, and provide early warning of an abnormal situation before it becomes a significant threat. Honeywell’s service offerings help industrial customers to achieve these safety and performance targets.

What Can It Do for You?
Efficient early detection enhances safety by reducing escalation of hazardous events, improves system reliability by minimizing spurious activation, and provides financial benefits by optimizing the costs of detectors in the plant lifecycle. Our Safety and Fire & Gas portfolios feature world-class fire and gas services that help our customers mitigate industrial incidents, keeping people and plants safe. These services, which collectively provide optimum detector coverage in a facility by quantifying and modelling the required number of gas and flame detectors.

Why Choose Honeywell?
Honeywell’s layered approach to safety encompasses an integrated fire and gas solution that integrates seamlessly with Experion® PKS and Safety Manager. The solution helps users respond rapidly and coherently to safety issues, ensuring maximum plant uptime while protecting people, assets and the environment.

Learn more at www.honeywellprocess.com
System Inventory Tool & Portal

A complete picture of your installed system’s hardware and software assets providing system knowledge, better decision making and an improved service experience.

What Is It?
The System Inventory Portal organizes all information gathered by the System Inventory Tool to provide a complete picture of the system. It offers comprehensive drill-downs to the details of installed hardware and software asset information. In addition to grouped tabular overviews, the portal also offers a graphical overview of each system and tracks changes over time. Within the portal you can also access your complete catalog of assets that are owned by the site – including all purchased hardware and software. Easy to navigate, search and organize by date, the licensed software and shipped hardware overviews provide a comprehensive record of the site’s purchased assets.

What Can It Do for You?
By regularly uploading the automatically generated inventory file to the portal for Experion® PKS and TPS, users can organize, review and verify their system inventory as often as required. Users will be able to understand their system better, improve governance, track their purchase history, and improve their service experience.

Why Choose Honeywell?
• Available via www.honeywellprocess.com/support via the user login
• The System Inventory Tool is available for download directly from the portal
• Upload is easy and data is quickly turned into information that can facilitate better decisions.

See a new level of detail of your installed system

Learn more at www.honeywellprocess.com/support