Honeywell | SYSTEM HINTS NEWSLETTER

HONEYWELL INFORMATION, NEWS, AND TIPS

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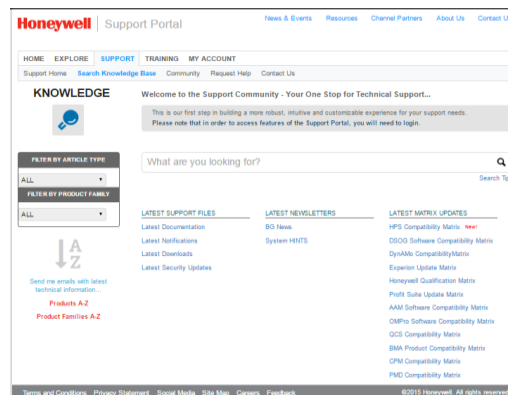
More Support Online (login)

You can also create a Support Request online. Monitor your Support Request cases by visiting the Request Help page. For all other support queries, please contact our Customer Contact Center.

For questions or comments related to the HINTS newsletter, please write to HPS System HINTS.

Now available: Honeywell Forge Cybersecurity Site for Asset Discovery and Cybersecurity Risk Monitoring

The recently released Honeywell Forge Cybersecurity Site software helps individual sites strengthen their cybersecurity program through automate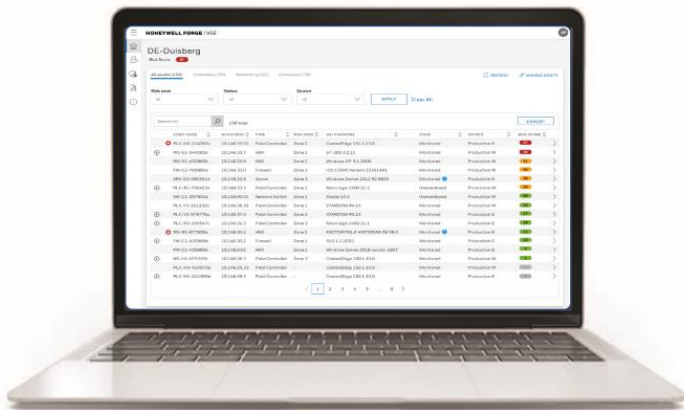d asset discovery and cybersecurity risk monitoring. With this solution, cybersecurity management efficiencies can be significantly improved through the elimination of manual effort, and the risk of cyber incidents can be reduced, helping avoid dangerous and costly cyberattacks. Though vendor-agnostic, it is particularly well-suited for our Experion users.

A good cybersecurity program requires a defense-in-depth approach and starts with the knowledge of what needs to be protected. Honeywell Forge Cybersecurity Site does this by automatically discovering assets in the process control network using passive and active methods. This hybrid approach of unobtrusively listening to network traffic and directly polling the assets for identification provides a more comprehensive inventory with a wealth of information.

Honeywell Forge Cybersecurity Site helps by automating another fundamental security task: Continuously monitoring assets for cybersecurity risk indicators and prioritizing them based on a calculated risk score. The prioritized list, along with the easy-to-follow recommendations, makes it significantly faster to address the most important risks first.

This on-premise solution is one of the three options within the Honeywell Forge Cybersecurity Suite and is intended for improving cybersecurity at a single site. For enterprise needs, the Honeywell Forge Cybersecurity Enterprise options offer solutions for secure connectivity and multi-site cybersecurity asset management.

Going forward, our development efforts will be focused on the Honeywell Forge Cybersecurity Suite. With this in mind, we would like to encourage our current Risk Manager users to consider a future transition to this new solution.

Interested?

For more information, please contact your local Honeywell account team.

Still Time to Join us at the Honeywell Tech Forum

We're sorry if we missed you live at the first-ever Honeywell Tech Forum, but you can still: **explore all of the on-demand content**, including our opening and closing sessions, transformation tracks by topic, the technology expo and business pages.

If you had not yet registered then please select: Register to Explore the Forum, all on-demand content is now **available for you through November 30.**

After your registration: you can visit the **Honeywell Process Solutions and UOP page**, select Innovation tracks and select one of your favored topics:

Migration and Services and watch at your pace: Migration Solutions for Continuous Innovation, presented by Honeywell's Marjorie Ochsner.

It was an incredible few weeks of content; and we hope you'll join us, on-demand, to learn how we can help you and your business, today and tomorrow.

Experion PMD SW Lifecycle Support Announcement

Experion PMD R900.3 and Experion PMD R831.2 which will be compatible with Experion PKS R500.2 and Experion PKS R431 is released and available now.

The purpose of **PMD R900.3 and PMD R831.2** point releases is to address customer PAR fixes with a major focus on HMI and VSYS firmware and support for FCE 3.1 & FCE 2.2 controllers.

Experion PMD R900.3 will be installed on top of R900.2.

R900.3 contains all PAR fixes back merged from R831.2 and R910.3 and hence existing R900.x customers must upgrade to R900.3 in order to obtain all major PAR fixes from previous releases. R831.2 is the last release on R8xx and customers moving to R831.2 should also plan to upgrade to latest supported PMD releases.

Below are the current and supported PMD point releases as summarized below:

- Experion PMD R900 – Aligned with Experion PKS R500

  - R900.1 – Phased-out

  - R900.2 – Supported

  - R900.3 - Supported

- Experion PMD R910 – Aligned with Experion PKS R510

  - R910.2 – Supported

  - R910.3 – Current Release

- Experion PMD R831 – Aligned with Experion PKS R431

    - R831.2 – Phased out

Experion PMD R8xx is based on Win 7 and because of Win7 32 bit OS withdrawal by Microsoft we are phasing out R831.2 release.

Customers upgrading to R831.2 will get limited support as per Honeywell support policy.

Honeywell strongly recommends installing the latest supported point release to reduce risk and exposure to cyber threats whilst increasing availability and robustness.

Please refer to R900.3 Software Change Notice and R831.2 Software Change Notice for additional information and details about PAR fixes.

VMware vCenter Server 6.7 VCSA - HTML5 Client Support

Honeywell has released support for the VMware vCenter 6.7 vCenter Server Appliance (VCSA). This release provides full HTML5 Client management and administration functionality for supported Next Generation Premium Platform, Essentials Platform and BladeCenter Premium Platform host servers.

The transition to the HTML5 Client is necessary due to the pending Adobe Flash End of Support on December 31, 2020. Honeywell strongly recommends updating virtualized systems to use the vCenter 6.7 VCSA, as all web browser developers will release updates to their software on or before December 31, 2020 which will prevent the use of Adobe Flash within the web browser.

The following considerations apply to the use of the vCenter 6.7 VCSA:

- All Next Generation Premium Platform and Premium Platform HD systems must be upgraded to the latest EVIR410.3 Patch 1 baseline before the respective vCenter instance is upgraded to the vCenter 6.7 VCSA.

- Hosts running legacy ESXi versions on vSphere 6.0, 5.x or 4.x must be upgraded to vSphere 6.5 to enable vCenter 6.7 VCSA connectivity.

- Honeywell supports vSphere 6.5 for legacy hosts, which are also qualified and documented by Dell to use vSphere 6.5 on the specific server platform.

The use of the vCenter 6.7 VCSA will not include a migration of VMware ESXi host servers to vSphere 6.7. All Honeywell-supported host servers will remain at the currently supported vSphere 6.5 releases (as detailed above) and will continue to have access to vSphere Upgrade Manager for security updates. Note that the "Host Upgrades" functionality used for the Premium Platform is not available when using dissimilar vCenter and vSphere releases; therefore, it is required to upgrade the Premium Platform environment to the EVIR410.3 Patch 1 baseline prior to deploying the vCenter 6.7 VCSA.

Honeywell recommends planning a migration to the VMware vCenter 6.7 VCSA to manage the pending End of Support for Adobe Flash. Please contact your Honeywell account team for additional details or for assistance in planning this activity.

PRODUCT CHANGE ANNOUNCEMENT: Integrated Automation Assessment No Longer Offering the Enhanced Version of the IAA Report

The Enhanced IAA report option has been discontinued as of September 30, 2020.

What is the Integrated Automation Assessment?

Honeywell Integrated Automation Assessment (IAA) for Experion® PKS and TotalPlant™ Solution (TPS™) system owners provides a complete and detailed system performance analysis of the health, performance and supportability of the automation infrastructure assessment using data analytics, best practice benchmarking and expert analysis.

Included with A360 and available as a standalone service, the integrated automated assessment output is reviewed by a Honeywell expert who delivers a report with results and recommendations to the customer in a face-to-face meeting.

For any customers who want loop/alarm reporting, Honeywell offers:

- Control Performance Monitoring (CPM) in the cloud for loop monitoring (LoopScout equivalent)

- Dynamo M&R for alarm monitoring and alarm metrics (AlarmScout equivalent, but offers more)

Product Withdrawal Notice for Aqualizer and Aqualizer II

Overview

Effective October 31, 2020, Honeywell will withdraw from sale Aqualizer (models 9580 and 9580-10) and Aqualizer II (models 9580-40 and 9580-50) CD actuator rewet systems.

Accordingly, this implies that:

1. Impacted products will no longer be orderable or available for the project delivery.

2. Support status of impacted products will change from "Full Support" to "Legacy Support".

Lifecycle phase of impacted products will change from "Full Support" to "Legacy."

Reason for product lifecycle and status support change

While both Aqualizer models have demonstrated excellent results and reliability over the years, the recently introduced third generation Aqualizer MX system is a superior remoisturizer solution that is available as a replacement.

Communications

For any questions, please contact:

- For this notice:

Juha-Pekka Jantti, Offering Management Lead (juha-pekka.jantti@honeywell.com)

- For guidance with your upgrade options:

Your local Honeywell Account Team

Lenovo Bladecenter-S End of Support Announcement

Lenovo has announced 2021 End of Support dates for the Bladecenter-S Chassis and HS23 Blade Servers used in the first-generation Honeywell Premium Platform solution:

- Firmware support will end on July 31, 2021

- General parts availability is intended to extend until December 31, 2021

Honeywell is committed to providing Lenovo Bladecenter-S support for as long as possible. Since the platform end of sale in 2016, we have continued to work with Lenovo to maintain driver and hypervisor support for this platform, including the release of VMware vSphere 6.5 support in 2020. This is the final release of VMware vSphere that Lenovo will support on the Bladecenter-S, and update packages are available for both DSM6 and DSM12 chassis types.

As Lenovo transitions to end of support on this platform, Honeywell intends to provide best effort support to customers with the Bladecenter-S platform; however, our ability to provide technical or parts support will be limited by Lenovo's availability to provide the same. After July 31, 2021, Honeywell's support capabilities will be limited to the use of existing support knowledge base articles, and no engineering support from Lenovo will be available.

Customers with direct Lenovo maintenance agreements past these dates will be provided best effort spares and technical support by Lenovo as outlined in the Lenovo maintenance agreement terms and conditions.

Please visit honeywellprocess.com/virtualization to learn about the current platforms available with Experion PKS IT HIVE.

Product Withdrawal Notice: User Alert/DynAMo Alerts and Notification – R321

Honeywell Process Solutions has announced the withdrawal from sale of the following legacy Suite applications as of October 1, 2020:

- User Alert R321 - Legacy software with the primary purpose of alerting based on user-defined conditions

Customers will continue to receive legacy product support from Honeywell GTAC on existing installations of these products until May 31, 2022.

Product Migration Options

Depending on the usage of the customer, there could be multiple migration paths.:

- Short term - Asset Sentinel or Operations Management for email notification-type use cases

- Functionality similar to User Alert R321, including the ability to send alerts to Experion Station, is planned to be made available with the future releases of Honeywell Forge Documentation and Enforcement product. Customers with active Benefits Guardianship Program (BGP) service contracts are entitled to product upgrades (software only).

If you meet all of these criteria, please contact your Honeywell Account Manager or Honeywell GTAC for more details. Visit https://www.honeywellprocess.com/en-US/online_campaigns/alarm-management/Pages/dynamo-alarm-management.html for further details on the Honeywell Alarm Management portfolio.

McAfee VirusScan Enterprise End of Support Announcement

McAfee has announced end of support for McAfee VirusScan (VSE) effective December 31, 2021. This product will transition to End of Sale with distributors and resellers on December 31, 2020.

Announcement details are available in McAfee KB9335:

https://kc.mcafee.com/corporate/index?page=content&id=KB93335

Honeywell is qualifying McAfee EndPoint Security (ENS) for use with Experion PKS.

McAfee ENS is the successor to McAfee VSE and provides new security features, product enhancements and improved agent performance over McAfee VSE.

Please refer to the Honeywell *Anti-Virus Software Guidelines* document for the latest information on Honeywell-qualified security packages.

Integrated Automation Assessment Pricing Changes for 2020

What is the Integrated Automation Assessment?

Honeywell Integrated Automation Assessment (IAA) for Experion® PKS and TotalPlant™ Solution (TPS™) system owners provides a complete and detailed system performance analysis of the health, performance and supportability of the automation infrastructure using data analytics, best practice benchmarking and expert analysis.

Included with A360 and available as a standalone service, the Integrated Automated Assessment output is reviewed by a Honeywell expert, who delivers a report with results and recommendations to the customer in a face-to-face meeting.

The audit includes an evaluation of the user's Experion PKS and TPS control systems against best practices, as well as an assessment of process control loop performance and the benchmarking of alarm systems.

New Pricing Through R2Q

In the past, Honeywell offered three different versions of an Integrated Automation Assessment report: the Performance Baseline, the Standard IAA and the Enhanced IAA. The past pricing model was $7,500 for the baseline, $20,000 for the standard and $25,000 for the enhanced.

Old Pricing Model	New Pricing Model
Sell List Price • System Performance Baseline: $7,500 • Standard IAA: $20,000 • Enhanced IAA: $25,000	Sell List Price • System Performance Baseline: **$6,040** • Standard IAA: **$17,365** • Enhanced IAA: **$19,630**
A360 Customers • One free IAA report per year • SESP discounts apply	A360 Customers – **No Change** • One free IAA report per year • SESP discounts apply (see below)

SESP Customers	SESP Customers – **One Time Per Year**
• SESP Value Remote Plus and Value Plus: 50% off, one time per year • SESP Value Flex: 30% off, one time per year • Multi-year discounting of 25% applies	• SESP Value Remote Plus and Value Plus**: 40% off on IAA** • SESP Value Flex: 30% off IAA • Multi-year discounting of 25% applies
Already paid for SPB report in the last 12 months? • Reduce IAA price by $5K • If customer has SESP, SESP discounts apply and not this one.	Already paid for SPB report in the last 12 months? • Reduce IAA price by 20% (NOT $5,000). • If customer has SESP, SESP discounts are applied instead.

Report Type	Old List Pricing	New List Pricing	SESP Plus	SESP Flex
Enhanced IAA	$25,000	$19,630	$11,700 (40% discount)	$13,780 (30% discount)
Standard IAA	$20,000	$17,365	$10,350 (40% discount)	$12,190 (30% discount)
Experion SPB	$7,500	$6,040	$6,040 (No discount)	$6,040 (No discount)
TPS SPB	$7,500	$6,040	$6,040 (No discount)	$6,040 (No discount)

Changes Made to System Inventory Portal Access

On June 5, 2020, a change was implemented to the login process for the Honeywell Process Solutions website that affects how users access services such as Support, System Inventory, Assurance 360, Migration Assistant, Spare Parts Online (Buy Now) eCommerce, and the Channel Partner Portal. Honeywell IT made these changes in order to maintain the highest level of security in our online services.

What Changed?

The change requires the user to login a second time when accessing services. Should assistance be required, please contact the Honeywell Web Support Team at HPSWeb@Honeywell.com.

Logging into the portal now requires the following process:

1) Go to www.honeywellprocess.com and login:
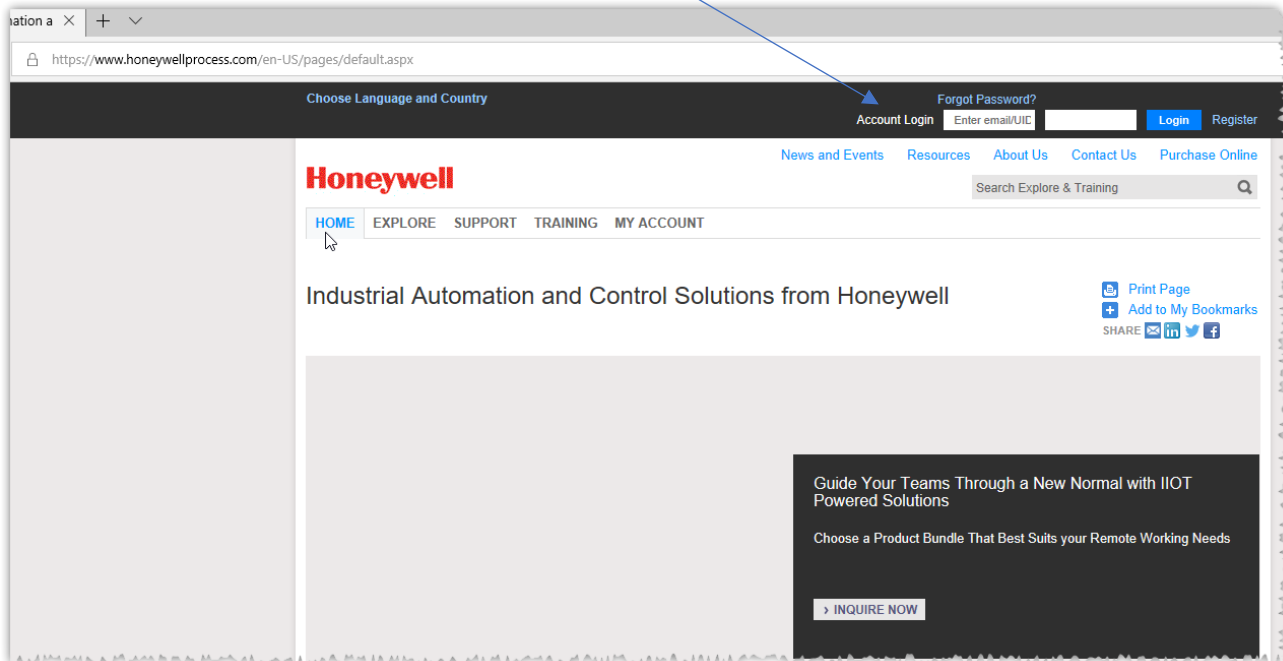
2) After login, user sees this message:
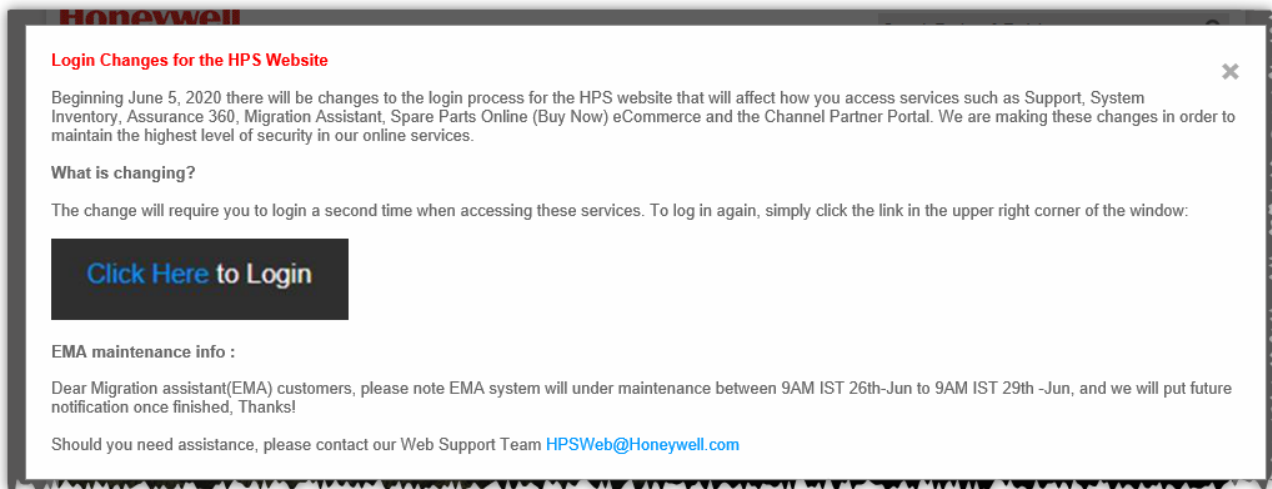
3) Select **Support**:
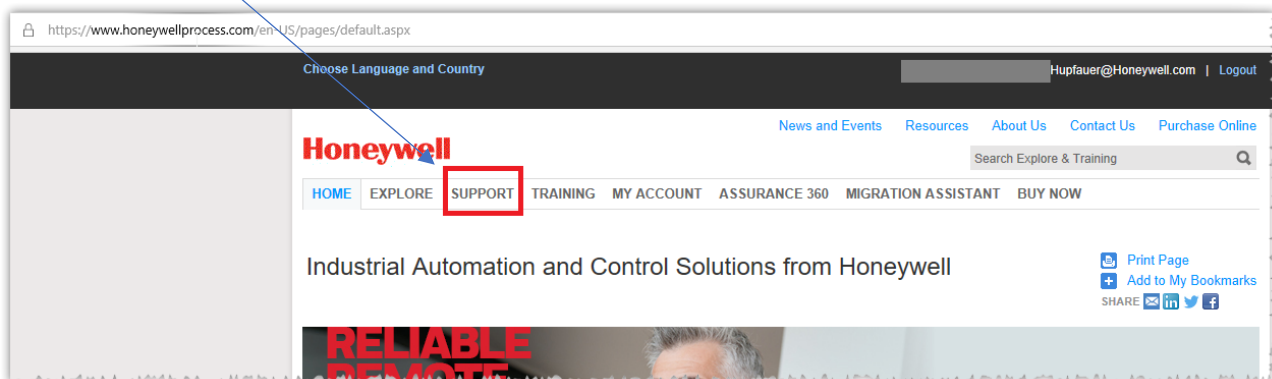
4) Notice the submenu appears; however, the user is no longer logged in. The user must login again…this is AS DESIGNED:
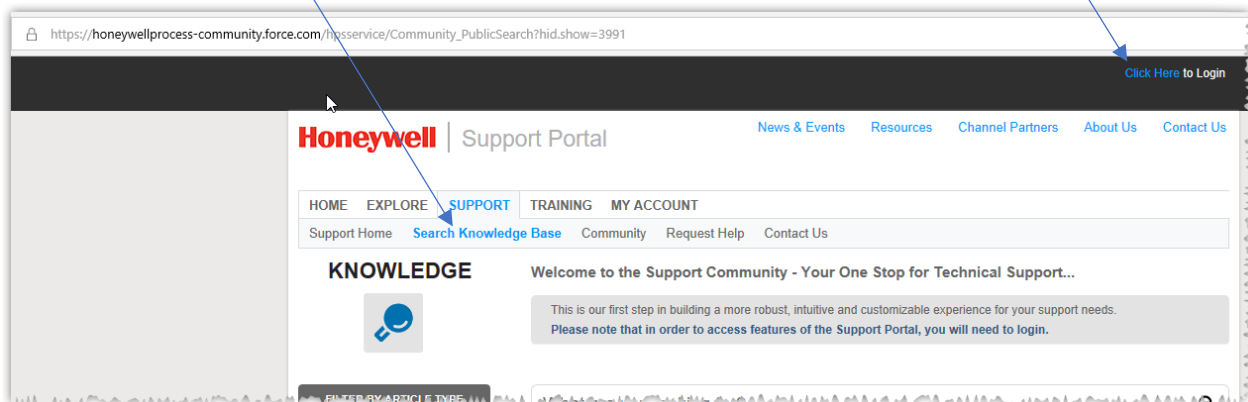
5) After logging in for the second time, **System Inventory** appears.
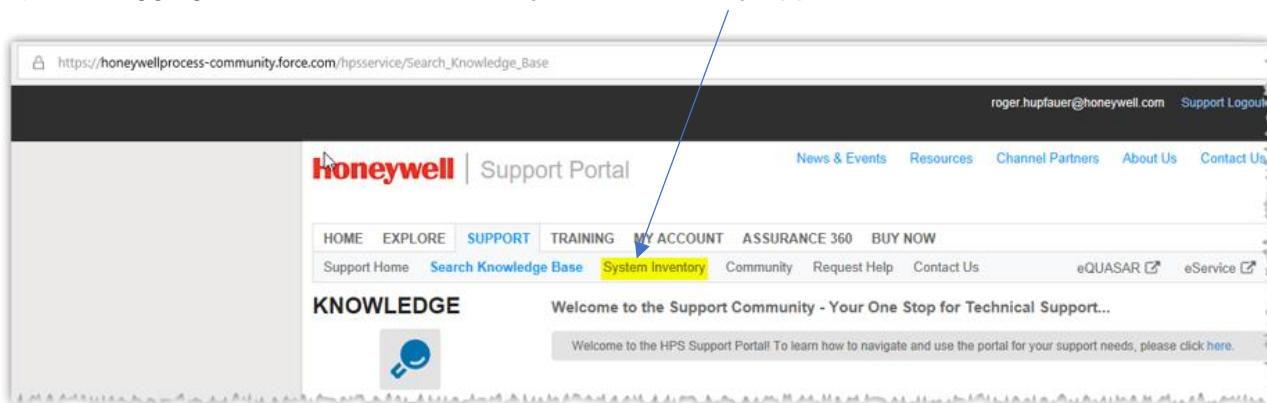
System Inventory Tool R300.1 Offered

The System Inventory Tool (SIT) R300.1 is now offered for download from the System Inventory Tool Landing Page. This self-service tool can be installed on Experion PKS R400.8 or newer systems to scan the inventory details of the entire system, including the network, Cisco switches and associated nodes at predefined intervals. The tool generates an inventory file that users upload to the Support Portal to see their inventory details in a logical and graphical overview. The inventory file is also employed to support Honeywell's automated online contract renewal process.

Provided at no cost for all Honeywell customers, both contracted and non-contracted, the SIT runs in the background and will not impact control system performance.

Once the SIT has completed its scan, a .cab file is created and then either the Honeywell technician or the customer uploads the inventory file to the System Inventory Portal. The portal will display the licensed software sourced from Honeywell, shipped hardware sourced from Honeywell and inventoried asset data collected by the System Inventory Tool.

New with R300.1:

- Advanced solution support on Level 3 (L3)
- Additional support for QCS
- Support for Experion PMD
- Collect inventory for all network switches supported by Experion
- Improvements to the diagnostic tools to quickly detect and report on SIT failures (includes SAT and device discovery)
- Reworked device discovery
- Progress meter during the collection phase
- Profit Suite (APC) support
- Control Performance Monitor CX support
- Control Performance Monitor standard support
- Profit Blending Suite support
- Profit Movement Suite support
- DynAMo Alarm Management Suite support
- Uniformance Asset Sentinel support
- Matrikon OPC Servers support (see **Appendix A** for full list)
- UniSim Competency Suite support on L3

Appendix A

Matrikon Data Manager
Matrikon Desktop Historian
Matrikon OPC Server for GE Turbines
Matrikon OPC Funnel
Matrikon OPC Security Gateway
Matrikon OPC Server for Allen Bradley
Matrikon OPC Server for APACS Direct
Matrikon OPC Server for BACNet
Matrikon OPC Server for Bailey DCS [Infi 90]
Matrikon OPC Server for Citect
Matrikon OPC Server for Foxboro DCS
Matrikon OPC Server for GDA [ODBC]
Matrikon OPC Server for GE PLCs
Matrikon OPC Server for IEC 61850/61400-25
Matrikon OPC Server for IP21
Matrikon OPC Server for Johnson Controls N2
Matrikon OPC Server for KNX
Matrikon OPC Server for LonWorks LNS
Matrikon OPC Server for MarkV Direct
Matrikon OPC Server for MarkVI Direct
Matrikon OPC Server for Mitsubishi PLCs
Matrikon OPC Server for Modbus
Matrikon OPC Server for Moore APACS (API)
Matrikon OPC Server for Omni Flow Computers
Matrikon OPC Server for Omron
Matrikon OPC Server for OpenBSI
Matrikon OPC Server for ProRAE
Matrikon OPC Server for Provox (Direct)
Matrikon OPC Server for ROC
Matrikon OPC Server for RS3 RNI
Matrikon OPC Server for SCADA DNP3

Matrikon OPC Server for SCADA IEC 60870
Matrikon OPC Server for SCADA Modbus
Matrikon OPC Server for SCADA MOSCAD
Matrikon OPC Server for Siemens PLCs
Matrikon OPC Server for SNMP
Matrikon OPC Server for Vestas
Matrikon OPC Server for Wonderware InSQL (Wonderware Historian)
Matrikon OPC Server for Wonderware Intouch
Matrikon ORB
Matrikon OPC UA Tunneller – UA Proxy Component / UA Proxy
Matrikon OPC UA Tunneller – UA Wrapper Component / UA Wrapper

Installation

The SIT R300.1 is a standalone installation, and therefore not integrated with the Experion R511 media package. While the SIT can be installed on Level 2 (L2) and Level 3 (L3), the installation and configuration on both levels are independent of each other. As such, users can choose to install the tool on either or both levels, depending on their control system requirements.

Functionality of SIT on L2 and L3
Key features & differences on both levels

L2

COMPONENTS INSTALLATION
Two components are installed.

1. SIT User Interface
Installed only once on the entire network on either ExperionPKS Flex or Console Station.

2. SIT Data Collector
Installed on each Redundant Server (B) or Non-Redundant Server.

DATA COLLECTION AND MONITORING
1. Data Collection
Each SIT Data Collector installed gathers data from the servers and provides it to the SIT User Interface.

2. Data Monitoring
The data collected is then monitored in the SIT User Interface.

L3

COMPONENTS INSTALLATION
One component is installed.

1. SIT User Interface
Installed only once on a single Non-Experion node on the entire network.

DATA COLLECTION AND MONITORING
1. Data Collection
Data is collected remotely by deploying agents in the nodes of domains.

2. Data Monitoring
The data collected by the agents is then monitored in the SIT User Interface.

Information for R230 Users:

Users who have installed the R230.1, R230.2 or R230.3 versions of the SIT should upgrade to R300.1 to ensure they have the latest support from Honeywell (unless they are currently running Experion R3xx.x), which is not supported by SIT R300.1). During the upgrade, their current SIT configuration will be retained.

Experion Compatibility   **QCS Compatibility**

SIT Version	Supported Experion Version
R200.1	R301, R310, R400 and R430
R200.2	R301, R310, R400 and R430
R200.3	R301, R310, R400 and R430
R210.1	R3xx.x to R510
R210.2	R3xx.x to R510
R220.1	R3xx.x to R510
R230.1	R3xx.x to R510
R230.2	R3xx.x to R510
R230.3 (SIT patch must be installed on 32bit systems after R230.3 installation)	R400.8 to R511
R300.1	R400.8 to R511

QCS Architecture Version	Experion PKS Layer	System Inventory Tool Release Support
RAE1xx	None	
RAE2xx	None	
RAE3xx	None	
RAE4xx	R101/201/210	No support
RAE5xx	R300/301/310/311	No support
R6xx	R 400.8	R300.1
R7xx	R5xx	R300.1

What is SIT and Why is it Needed?

Overview

The System Inventory Tool (SIT) provides a comprehensive system inventory documentation solution to support Honeywell's contract renewal process. The tool enables our customers to complete their yearly contract renewal online through an automated system, better manage risk, prepare for any migrations, and ensure compliance and continuous evolution of their control system.

The SIT collects asset data, which is then hosted in a secure Honeywell data center where the customer can view all their control system asset information (both hardware and software) through the System Inventory Portal. And, best of all, the tool is provided free of charge by Honeywell for all contracted and non-contracted sites and does not require an SESP contract or Assurance 360 service agreement.

Automated Online Contract Renewals and More

The SIT was developed to support online contract renewals. Gone are the days of the laborious task of manually reviewing contract renewal worksheets, trying to track changes via emails and phone calls, and providing results in a timely manner. No more lost notes or questions such as, "What did we do last year?" All updates and notes regarding asset quantities will be captured in the tool and carried forward year over year, making future contract renewals faster and easier.

But contract renewals are just once a year—what else can you do with the tool?

Better Management of Risks

With the SIT, users have the ability to see all control system assets by each MSID in the Honeywell System Inventory Portal. With this view, product support status is shown for each asset. Do you know if the control system is using outdated equipment or assets no longer supported by Honeywell? Finding answers like this is just a mouse click away in the portal.

When you can see all equipment in a single view via the online portal, you know exactly what hardware and software are running, what is outdated and where improvements could be made—thus better managing risk.

Compliance and Continuous Evolution of Control Systems

With the asset topology feature found in the System Inventory Portal, users have insight into the hardware components in each control system, thus avoiding lengthy delays to gather the right information when the system needs to be supported or expanded.

Today, control systems are more complex than ever before and there is limited information on how the different components need to interact. When the entire system can be visualized in one view, it increases awareness that leads to better decision-making.

Migrations

Customers have a budget for a migration, and in many cases it's "use it or lose it." So, how will they know where best to invest in their control system?

As a user, can you quickly review every MSID design, topology and product support status for every asset? If you've uploaded your inventory asset data file to the System Inventory Portal, all this and more are just a mouse click away. And did we mention it's free? That's right–Honeywell offers this to all our customers at no cost. No contract or service plan of any kind is required.

Honeywell Updates

System Name : M████4   MSID : M████4   Product Name : Experion Server 🖨 ▣

Update Name

++ Patch Experion PKS R410.2 Honeywell Security Model - Workstation

++ Patch Experion PKS R410.2 Honeywell_HCI_Runtime

++ Patch Experion PKS R410 QBP Patch1

++ Patch Experion PKS R410 HMIWeb Station and Display Builder Patch 2

++ Patch Experion PKS R410.2 Configuration Studio Patch 1

++ Patch Experion PKS R410 Server Patch 7

++ Patch Experion PKS R410.2 Controller Patch

++ Patch Experion PKS R410.2 Honeywell_Safeview

++ Patch Experion PKS R410.2 Honeywell System Management Runtime

Quickly Locate Assets

All assets are listed by Site > MSID and user-defined system names, and because each system name is assigned to its respective MSID, finding systems is easy—even if you don't know the MSID name.

What Can the Collected Asset Data Tell You?

Keeping track of the patches and updates installed on servers and stations can be a time-consuming task. It requires logging into each server or node and checking through the control panel to see which patches and updates have been installed.
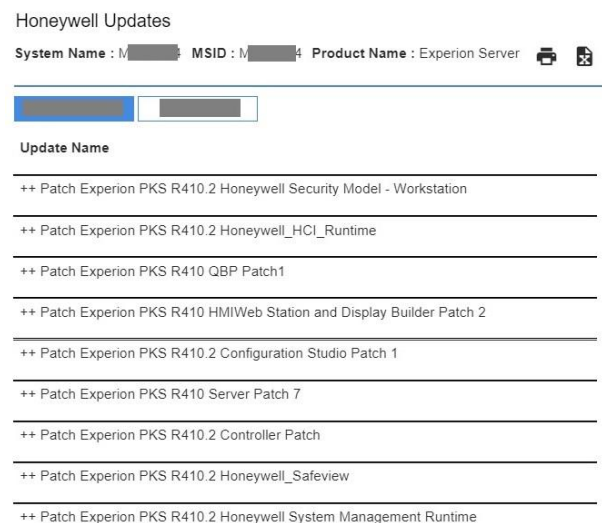
Now, if you've run the SIT and uploaded an asset inventory file to the portal, just click on the server or console station and a complete list of all installed applications, patches and updates will be displayed in an easy-to-read table.

Need to find out which version of boot firmware is installed on a C300 controller? Just click on the MSID, select the controller and a table will display everything you need to know. Want even more flexibility? Export the data to an Excel spreadsheet and sort it or create a pivot table for convenient viewing.

What Data Does the Tool Collect?

The SIT is designed to capture details of the existing system hardware and software versions, including servers, stations, controllers, I/O modules, node details, installed applications, and switch models.

How Can You View Your Data?

The System Inventory Portal allows customers and certain Honeywell account managers to see their account asset data. Within the portal, users can see all servers, stations, controllers, nodes, and switch hardware, as well as detailed information about each.

Depending on which asset they're viewing, they can see the serial number, F/W, BIOS, installed software, support status, and much more.

To access the portal, go to honeywellprocess.com/support and login with the same credentials used when you registered.

Not registered? No problem! Registration is free and takes less than a minute. Once you are registered, login and select the Support tab, then select the System Inventory tab.

Series C I/O

System Name : M_____4   MSID : M_____4

IO Link	Name	Model	Slot/Card#	Hardware Revision	Boot FW	App FW	Serial
236IOLINK_1A	DI_HV_23	CC-PDIH01	23A	C	04.01.03	04.01.08	1___3
236IOLINK_1A	DI_HV_19	CC-PDIH01	19A	C	04.01.03	04.01.08	1___5
236IOLINK_1A	DO_24B_33	CC-PDOB01	33A	G	04.01.03	04.01.08	1___1
236IOLINK_1A	DO_24B_32	CC-PDOB01	32A	G	04.01.03	04.01.08	1___3
236IOLINK_1A	DI_HV_22	CC-PDIH01	22A	C	04.01.03	04.01.08	1___2
236IOLINK_1A	DO_24B_31	CC-PDOB01	31A	G	04.01.03	04.01.08	1___8
236IOLINK_1A	DI_HV_25	CC-PDIH01	25A	C	04.01.03	04.01.08	1___3
236IOLINK_1A	DI_HV_24	CC-PDIH01	24A	C	04.01.03	04.01.08	1___5
236IOLINK_1A	DI_HV_21	CC-PDIH01	21A	C	04.01.03	04.01.08	1___7

Who Can See Your Data?

All inventory data is viewable by only the customer, the customer's account manager, and Honeywell GTAC. In the event you call for support, GTAC can quickly get needed information such as F/W version, BIOS version, hardware rev, etc. No one else can ever see the data–not even other Honeywell employees.

What Data are Collected?

When you log into the System Inventory Portal, you will see a list of sites. Select a site and there are three icons: Licensed Software, Shipped Hardware and Inventoried Assets.

Licensed Software	Shipped Hardware	Inventoried Assets
List of all licensed software shipped by Honeywell to the customer. Includes TPS BLDR, EBR, Experion PKS, GUS, PHD, and DOC 3000 licenses.	A complete list of every piece of hardware shipped by Honeywell to the customer, sorted by most recently shipped. Includes product part number, description, serial number, and date shipped.	Comprehensive list of all assets on each control system. Includes servers, stations, controllers, LCN nodes, and switches.

Used by Customers Worldwide

Today, Honeywell has over 900 sites worldwide using the SIT in more than 2,500 control systems. Many customers have reported that the tool is easily installed, runs flawlessly, and the time saved via the automated contract renewal process eliminated weeks of manual audit work. What used to be a tiresome and lengthy process can now be completed automatically, with 100 percent accuracy and in less than a day.

Helpful Links

The System Inventory Tool and portal are available at https://www.honeywellprocess.com/support.

https://www.honeywellprocess.com/library/marketing/notes/System-Inventory-Tool-What-is-it-and-why-I-should-be-using-it.pdf

Is the System Inventory Tool Safe for Use with Control Systems?

The System Inventory Tool (SIT) is a self-service tool that HPS customers install on an Experion Flex or Console Station, along with data collectors on the Experion B Server (or non-redundant node) to collect asset data at Level 1 and Level 2, which is used to support Honeywell's automated online contract renewal process.

The SIT generates an inventory file (.cab) that either the customer or Honeywell Field Support Specialist uploads to the secure System Inventory Portal where the user can see inventory details in a logical and graphical overview.

This tool is safe for use on a Honeywell control system. It runs as a low-priority Windows Service Event, which means it will throttle down or even pause if other Windows Events need to take priority. As such, the tool will not put a burden on the control system, nor adversely affect the performance of the network or control system.

The SIT does not collect any sensitive data. No IP addresses or customer information are ever collected. The data collected are strictly related to the assets (e.g., BIOS version, F/W version, model number, serial number, H/W version, and other asset-only related information).

From January 2018 to May 2020, there was a 79 percent increase in SIT adoption worldwide for contracted sites, with over 1,000 sites now using the tool without incident. The time saved via the automated contract renewal process eliminated weeks of manual audit work. What used to be a lengthy and rigorous process can now be completed automatically, with 100 percent accuracy and in less than a day.

Summary	Contracted Sites			
Pole	# of sites	# of sites using the tool	% of sites using the tool	Change since Jan. 2018
AMER	663	559	84.31%	45.95%
APAC	128	91	71.09%	167.65%
EMEA	486	384	79.01%	78.60%
Global	1277	1034	80.97%	78.89%

When it comes to the performance impact on a running control system, the following table summarizes typical system configuration CPU usage and time to complete. As you can see, CPU impact is typically in the single-digit percentage, and the time to process data is minimal. Keep in mind that time to process will vary based on the size of the control system; number of nodes; and number of controllers, switches, servers, and stations.

Node type	System configuration	Average additional % CPU used	Time to complete audit	Number of PCs being audited
ESVT – Server B	• Dell PowerEdge R710 server • (8) Processors: Intel(R) Xeon(R) CPU E5620 @ 2.40GHz • Speed: 2,394 • 12 GB RAM	Negligible	7 minutes 52 seconds to 11 minutes 33 seconds	4 PCs – Server, ACE, Console Station, Flex Station
ESVT – Server A	• Dell PowerEdge R710 server • (8) Processors: Intel(R) Xeon(R) CPU E5620 @ 2.40GHz • Speed: 2,394 • 12 GB RAM	4.8% – 8.9%	1 minute 40 seconds to 2 minutes 56 seconds	
EST	• Dell Precision T5500 workstation • (4) Processors: Intel(R) Xeon(R) CPU X5570 @ 2.93GHz • Speed: 2,926 • 3 GB RAM	2.7% – 6.5%	1 minute 23 seconds to 2 minutes 50 seconds	
Flex	• VMware virtual platform • (2) Processors: Intel(R) Xeon(R) CPU X5570 @ 2.67 GHz • Speed: 2,666 • 2 GB RAM	7.2% - 11.9%	4 minutes to 4 minutes 21 seconds	
ACE-T	• Dell PowerEdge T610 server • (8) Processors: Intel(R) Xeon(R) CPU X5560 @ 2.80GHz • Speed: 2,794 • 4 GB RAM	0.3% - 1.8%	1 minute 6 seconds to 3 minutes 27 seconds	

The System Inventory Tool and portal are available via www.honeywellprocess.com/support.

https://www.honeywellprocess.com/library/marketing/notes/System-Inventory-Tool-Is-it-safe-for-my-control-system.pdf

HPS Priority Notifications

HPS Priority Notifications are available under "Latest Notifications" in the Support Community. Be sure to check back regularly as new content is continually added in the form of notifications, *Be Aware* newsletters, Knowledge Base articles and updates.

Recent published notifications include:

Document Title	Product	Rel/Rev	Date Created
Pn2020-16A C300 controller failure when reloading or inactivating of a PCDI strategy.	Experion PKS	R3xx, R4xx, R501.x, R510.x, R511.1, R511.2, R511.3	09/28/2020
PN2020-15 HLAI IOP Incompatibility with Process Manager	MC-PAIH03 – HLAI IOP, Module Part Number: 51304754-176 with Process Manager (PM)	HLAI IOP, P/N 51304754-176, H/W Rev. AJ or greater	07/01/2020
PN2020-14 Color Sensor II CBM Assembly Missing Locking Nuts	Color Sensor II Products	N/A	06/15/2020
PN2020-13 EtherNet/IP Communication issue after OPM	UOC, C300 EIM, C300 Direct	Experion PKS R430.x, R431.x, R432.x, R500.x, R510.x, R511.1, 511.2	04/22/2020
PN2020-12 QCS Profile display shows RedX with system out of memory exception popup on QCS R701 and R702 systems	Experion MX R701 and R702systems	Experion MX Releases, R701.2, R702.2	04/22/2020
PN2020-11 C300 UIO Checkpoint not successful	Experion PKS	R410 and R432	04/02/2020

Products Revisions and Support Status

Latest Media Revision	Latest Patch/Update	Support Status	Functional Release - First Shipment Announcement	Software Product Category
Alarm Configuration Manager R321	**R321.12**	Supported	**2013-10**	Standalone Software
Alarm Event Analysis R321	**R321.5**	Supported	**2013-10**	Standalone Software
Blending and Movement Automation R430.y	**R430.4**	Supported	**2014-06**	Software Package
Control Performance Monitor R56x	**R560.1**	Supported	**2013-03**	Standalone Software
Control Performance Monitor R57x	**R570.1**	Current	**2014-12**	Standalone Software
Control Performance Monitor R60x	**R601.2**	Current	**2018-05**	Standalone Software
ControlEdge 2020 R14x	**R140.1**	Supported	**2017-04**	Standalone Software
ControlEdge 2020 R15x	**R151.1**	Supported	**2018-11**	Standalone Software
ControlEdge 2020 R16x	**R160.2**	Supported	**2019-12**	Standalone Software
ControlEdge 2020 R16x	**R161.1**	Current	**2020-04**	Standalone Software
ControlEdge HC900 R60x	**R600.1**	Supported	**2014-04**	Standalone Software
ControlEdge HC900 R62x	**R620.1**	Supported	**2016-09**	Standalone Software
ControlEdge HC900 R63x	**R630**	Supported	**2017-04**	Standalone Software
ControlEdge HC900 R65x	**R650**	Supported	**2018-06**	Standalone Software
ControlEdge HC900 R66x	**R660.2**	Supported	**2018-12**	Standalone Software
ControlEdge HC900 R70x	**R700**	Current	**2019-12**	Standalone Software
ControlEdge PLC R15x	**R151.1**	Supported	**2018-11**	Standalone Software
ControlEdge PLC R15x	**R152.1**	Supported	**2019-04**	Standalone Software
ControlEdge PLC R16x	**R160.2**	Supported	**2019-12**	Standalone Software
ControlEdge PLC R16x	**R161.1**	Current	**2020-04**	Standalone Software
DynAMo Alerts & Notifications (A&N) R200	**UA R321.2**	Supported	**2013-10**	Standalone Software
DynAMo Documentation & Enforcement (D&E) R200	**ACM R321.12**	Supported	**2016-05**	Standalone Software
DynAMo Metrics & Reporting (M&R) R200	**R202.1**	Supported	**2017-03**	Standalone Software
DynAMo Metrics & Reporting (M&R) R210.1	**R210.1**	Current	**2020-05**	Standalone Software
DynAMo Operations Logbook (DOL) R211	**R211.4**	Supported	**2017-08**	Standalone Software
DynAMo Operations Logbook (DOL) R220	**R220.3**	Supported	**2018-06**	Standalone Software
DynAMo Operations Logbook (DOL) R230	**R230.1**	Supported	**2019-04**	Standalone Software
DynAMo Operations Logbook (DOL) R230	**R230.2**	Current	**2019-08**	Standalone Software
DynAMo Operations Monitoring (DOM) R211	**R211.4**	Supported	**2017-08**	Standalone Software
DynAMo Operations Monitoring (DOM) R220	**R220.3**	Supported	**2018-06**	Standalone Software
DynAMo Operations Monitoring (DOM) R230	**R230.1**	Supported	**2019-04**	Standalone Software
DynAMo Operations Monitoring (DOM) R230	**R230.2**	Current	**2019-08**	Standalone Software
Experion Backup and Restore R50x	**R500.1**	Supported	**2017-04**	Software Package
Experion Backup and Restore R50x	**R501.1**	Supported	**2017-04**	Software Package
Experion Backup and Restore R50x	**R501.2**	Supported	**2017-04**	Software Package

Experion Backup and Restore R50x	**R501.3**	Current	**2017-04**	Software Package
Experion HS R41x	**R410.1**	Supported	**2013-07**	System Software
Experion HS R43x	**R430.1**	Supported	**2015-03**	System Software
Experion HS R50x	**R500.3**	Supported	**2017-08**	System Software
Experion HS R51x	**R510.2**	Supported	**2018-09**	System Software
Experion HS R51x	**R511.1**	Current	**2018-09**	System Software
Experion LS R30x	**R300.1**	Supported	**2009-11**	System Software
Experion LS R40x	**R400.1**	Current	**2011-06**	System Software
Experion LX R11x	**R110.2**	Supported	**2014-09**	System Software
Experion LX R12x	**R120.1**	Supported	**2015-03**	System Software
Experion LX R50x	**R500.2**	Supported	**2017-11**	System Software
Experion LX R51x	**R510.2**	Current	**2018-11**	System Software
Experion MX CD Controls R70x	**R700.1**	Supported	**2017-03**	Software Package
Experion MX CD Controls R70x	**R701.2**	Supported	**2018-05**	Software Package
Experion MX CD Controls R70x	**R702.1**	Current	**2019-06**	Software Package
Experion MX CDMV Controls R70x	**R700.1**	Supported	**2017-03**	Software Package
Experion MX CDMV Controls R70x	**R701.1**	Supported	**2018-05**	Software Package
Experion MX CDMV Controls R70x	**R702.1**	Current	**2019-06**	Software Package
Experion MX MD Controls R70x	**R700.1**	Supported	**2017-03**	Software Package
Experion MX MD Controls R70x	**R701.1**	Supported	**2018-05**	Software Package
Experion MX MD Controls R70x	**R702.1**	Current	**2019-06**	Software Package
Experion MX MDMV Controls R70x	**R700.1**	Supported	**2017-03**	Software Package
Experion MX MDMV Controls R70x	**R701.3**	Supported	**2018-05**	Software Package
Experion MX MDMV Controls R70x	**R702.1**	Current	**2019-06**	Software Package
Experion MX/MXProLine R70x	**R700.4**	Supported	**2017-03**	System Software
Experion MX/MXProLine R70x	**R701.3**	Supported	**2018-05**	System Software
Experion MX/MXProLine R70x	**R702.2**	Current	**2019-06**	System Software
Experion PKS R43x	**R431.4**	Supported	**2014-03**	System Software
Experion PKS R43x	**R431.5**	Supported	**2014-03**	System Software
Experion PKS R43x	**R432.1**	Supported	**2014-03**	System Software
Experion PKS R43x	**R432.2**	Supported	**2014-03**	System Software
Experion PKS R50x	**R501.4**	Supported	**2017-01**	System Software
Experion PKS R50x	**R501.6**	Supported	**2017-01**	System Software
Experion PKS R51x	**R510.1**	Supported	**2018-08**	System Software
Experion PKS R51x	**R510.2**	Supported	**2018-08**	System Software
Experion PKS R51x	**R511.2**	Supported	**2018-08**	System Software
Experion PKS R51x	**R511.3**	Current	**2018-08**	System Software
Fail Safe Controller R71x	**R710.9**	Supported	**2011-07**	System Software
Fail Safe Controller R80x	**R801.3**	Current	**2014-10**	System Software
Field Device Manager R43x	**R430.1 (Patch 1)**	Phased-Out	**2012-06**	Standalone Software
Field Device Manager R50x	**R500.1**	Supported	**2017-03**	Standalone Software
Field Device Manager R50x	**R501.4**	Supported	**2017-03**	Standalone Software
Field Device Manager R51x	**R511.1**	Current	**2019-09**	Standalone Software
Forge Cybersecurity Suite-Enterprise Core and Premium	**R201.1**	Current	**2020-06**	Standalone Software

Forge Cybersecurity Suite-SITE	**R201.1**	Current	**2020-06**	Standalone Software
Honeywell Trace R120	**R120.1**	Phased-Out	**2017-04**	Standalone Software
Honeywell Trace R121	**R121.1**	Supported	**2018-01**	Standalone Software
Honeywell Trace R130	**R130.1 Patch 2**	Supported	**2019-03**	Standalone Software
Honeywell Trace R140	**R140.1**	Current	**2020-06**	Standalone Software
Honeywell Trace R150	**150.1**	Planned	**2021-04**	Standalone Software
Immersive Competency	**R100.1**	Current	**2018-07**	Standalone Software
Integrated Automation Assessment R15x	**R150.1**	Supported	**2018-02**	Standalone Software
Integrated Automation Assessment R16x	**R160.1**	Supported	**2019-12**	Standalone Software
Integrated Automation Assessment R17x	**R170.3**	Current	**2020-09**	Standalone Software
Intuition Executive R22x	**R220.1**	Phased-Out	**2014-05**	Standalone Software
Intuition Executive R23x	**R230.1**	Phased-Out	**2015-07**	Standalone Software
Intuition KPI R11x	**R110.1**	Phased-Out	**2014-05**	Standalone Software
OptiVision R54x	**R541.1**	Supported	**2012-01**	Software Package
OptiVision R56x	**R560.2**	Supported	**2014-08**	Software Package
OptiVision R600x	**R600.1**	Current	**2019-10**	Software Package
PlantCruise R10x	**R100.3**	Supported	**2013-07**	System Software
PlantCruise R11x	**R110.2**	Supported	**2014-09**	System Software
PlantCruise R12x	**R120.1**	Supported	**2015-03**	System Software
PlantCruise R50x	**R500.1**	Supported	**2017-11**	System Software
PlantCruise R51x	**R510.2**	Current	**2018-11**	System Software
PMD R83x	**R831.1**	Phased-Out	**2015-02**	System Software
PMD R83x	**R831.2**	Phased-Out	**2020-10**	System Software
PMD R90x	**R900.2**	Supported	**2017-02**	System Software
PMD R91x	**R910.2**	Supported	**2018-12**	System Software
PMD R91x	**R910.3**	Current	**2020-05**	System Software
Predict-Amine	**R4.0**	Supported	**2017-09**	Standalone Software
Predict-Crude	**R2.0**	Supported	**2015-09**	Standalone Software
Predict-O&G	**R7.1**	Supported	**2018-09**	Standalone Software
Predict-Pipe	**R5.0**	Supported	**2018-12**	Standalone Software
Predict-RT	**R140**	Supported	**2019-06**	Standalone Software
Predict-SA	**R2.0**	Supported	**2014-12**	Standalone Software
Predict-SW (Sour Water)	**R4.0**	Supported	**2018-12**	Standalone Software
Procedure Analyst R41x	**R410.0**	Supported	**2013-01**	Standalone Software
Procedure Analyst R43x	**R430.1**	Supported	**2015-06**	Standalone Software
Procedure Analyst R50x	**R500.2**	Supported	**2017-03**	Standalone Software
Procedure Analyst R51x	**R511.1 Patch 1**	Current	**2020-09**	Standalone Software on Experion PKS Media
Process Safety Analyzer	**R115**	Supported	**2017-06**	Standalone Software
Process Safety Analyzer	**R200**	Supported	**2020-02**	Standalone Software
Process Safety Analyzer	**R201**	Current	**2020-07**	Standalone Software
Profit Blending and Movement R431.y	**R431.4**	Supported	**2015-06**	Software Package
Profit Blending and Movement R500.y	**R500.2**	Supported	**2016-11**	Software Package
Profit Blending and Movement R501.y	**R501.3**	Supported	**2018-05**	Software Package
Profit Blending and Movement R510.y	**R510.3**	Current	**2019-09**	Software Package

Profit Suit R41x	**R411.1**	Supported	**2013-05**	Standalone Software
Profit Suit R43x	**R431.1**	Supported	**2014-12**	Standalone Software
Profit Suit R44x	**R441.1**	Supported	**2017-04**	Standalone Software
Profit Suit R50x	**R500.1**	Current	**2018-10**	Standalone Software
Quality OptiMiser R540x	**R540.1**	Supported	**2010-10**	Standalone Software
Quality OptiMiser R550x	**R550.1**	Supported	**2014-12**	Standalone Software
Quality OptiMiser R560x	**R560.1**	Current	**2017-11**	Standalone Software
Quality OptiMiser for QCS R560x	**R550.2**	Discontinued	**2017-11**	Standalone Software
Risk Manager R160	**R160.1**	Phased-Out	**2017-04**	Standalone Software
Risk Manager R170	**R170.1 Patch 3**	Supported	**2018-03**	Standalone Software
RTU2020 R11x	**R110.1**	Supported	**2015-06**	Standalone Software
RTU2020 R12x	**R120.1**	Supported	**2016-05**	Standalone Software
Safety Historian R20x	**R201.1**	Current	**2014-03**	System Software
Safety Manager R14x	**R146.2**	Supported	**2010-05**	System Software
Safety Manager R15x	**R153.7**	Supported	**2012-04**	System Software
Safety Manager R15x	**R154.3**	Supported	**2012-04**	System Software
Safety Manager R16x	**R162.5**	Current	**2014-10**	System Software
Safety Manager SC R20x	**R201.2**	Supported	**2018-08**	System Software
Safety Manager SC R21x	**R210.1**	Current	**2020-06**	System Software
Secure Media Exchange (SMX)	**104.6**	Current	**2017-08**	Standalone Software
Socrates	**R10.0**	Supported	**2019-03**	Standalone Software
Symphonite Integration and Analytics R200.1	**R200.2**	Supported	**2017-07**	Standalone Software
Symphonite Integration and Analytics R201.2	**R201.2**	Current	**2020-01**	Standalone Software
Symphonite Production Accounting & Reconciliation	**R200.1**	Supported	**2015-08**	Standalone Software
Symphonite Production Accounting & Reconciliation	**R201.2**	Supported	**2015-08**	Standalone Software
Symphonite Production Accounting & Reconciliation	**R210.1**	Current	**2019-02**	Standalone Software
Symphonite RPMS	**R510.1.8**	Supported	**2018-12**	Standalone Software
System Inventory Tool R21x	**R210.2**	Phased-Out	**2016-11**	Standalone Software
System Inventory Tool R22x	**R220.1**	Supported	**2017-09**	Standalone Software
System Inventory Tool R23x	**R230.1**	Supported	**2018-05**	Standalone Software
System Inventory Tool R23x	**R230.2**	Supported	**2018-05**	Standalone Software
System Inventory Tool R23x	**R230.3**	Supported	**2018-05**	Standalone Software
System Inventory Tool R30x	**R300.1**	Current	**2019-09**	Standalone Software
System Performance Analyzer R120	**R120.1**	Supported	**2019-01**	Standalone Software
System Performance Analyzer R130	**R130.1**	Current	**2020-06**	Standalone Software
System Performance Analyzer R140	**R140.1**	Planned	**2021-01**	Standalone Software
TCMI R10x	**R100.5**	Current	**2017-11**	System Software
TPN (AM) CLM R36x	**R360.12**	Supported	**2002-01**	System Software
TPN R685.x	**R685.4**	Supported	**2016-06**	System Software
TPN R686.x	**R686.4**	Supported	**2016-10**	System Software
TPN R687.x	**R687.4**	Supported	**2018-02**	System Software
TPN R687.x	**R687.5**	Supported	**2018-02**	System Software

TPN R687.x	**R687.6**	Supported	**2018-02**	System Software
TPN R688.x	**R688.2**	Supported	**2019-01**	System Software
TPN R688.x	**R688.3**	Supported	**2019-01**	System Software
TPN R688.x	**R688.4**	Current	**2019-01**	System Software
TPS (APP) CLM R20x	**R200.2**	Supported	**2012-07**	System Software
TPS Builder R43x	**R430.1**	Supported	**2016-05**	Software Package
Uniformance Asset Sentinel R51x	**R510.1**	Supported	**2017-04**	Standalone Software
Uniformance Asset Sentinel R51x	**R511.2**	Supported	**2017-10**	Standalone Software
Uniformance Asset Sentinel R52x	**R520.1**	Supported	**2018-12**	Standalone Software
Uniformance Asset Sentinel R52x	**R520.2**	Current	**2019-07**	Standalone Software
Uniformance Executive R31x	**R311.1**	Supported	**2018-03**	Standalone Software
Uniformance Executive R32x	**R320.1**	Current	**2018-09**	Standalone Software
Uniformance Insight R10x	**R102.1**	Phased-Out	**2017-02**	Standalone Software
Uniformance Insight R11x	**R110.1**	Phased-Out	**2017-10**	Standalone Software
Uniformance Insight R20x	**R200.1**	Supported	**2018-06**	Standalone Software
Uniformance Insight R21x	**R210.1**	Current	**2019-09**	Standalone Software
Uniformance Insight R22x	**R220.1**	Current	**2020-09**	Standalone Software
Uniformance KPI R12x	**R121.1**	Supported	**2017-05**	Standalone Software
Uniformance KPI R13x	**R130.1**	Current	**2018-03**	Standalone Software
Uniformance PHD R32x	**R321.1**	Supported	**2015-03**	Standalone Software
Uniformance PHD R34x	**R340.1**	Supported	**2017-10**	Standalone Software
Uniformance PHD R40x	**R400.1**	Current	**2019-06**	Standalone Software
Uniformance Process Studio R32x	**R320.3**	Phased-Out	**2014-08**	Standalone Software
Uniformance Process Studio R32x	**R321.1**	Phased-Out	**2015-12**	Standalone Software
Uniformance Process Studio R32x	**R322.2**	Current	**2016-09**	Standalone Software
Uniformance Process Studio R32x	**R323.1**	Current	**2020-04**	Standalone Software
UniSim Competency Suite	**R450.1**	Phased-Out	**2016-11**	Standalone Software
UniSim Competency Suite	**R451.1**	Phased-Out	**2016-11**	Standalone Software
UniSim Competency Suite	**R452.1**	Phased-Out	**2016-11**	Standalone Software
UniSim Competency Suite	**R460.1**	Supported	**2018-04**	Standalone Software
UniSim Competency Suite	**R461.1**	Supported	**2019-01**	Standalone Software
UniSim Competency Suite	**R470.1**	Supported	**2020-01**	Standalone Software
UniSim Competency Suite	**R471.1**	Current	**2020-10**	Standalone Software
UniSim Design	**R460**	Supported	**2018-01**	Standalone Software
UniSim Design	**R461.1**	Supported	**2019-04**	Standalone Software
UniSim Design	**R470**	Current	**2019-10**	Standalone Software
UserAlert R321	**R321.2**	Supported	**2013-10**	Standalone Software
Web Order Services 54x	**R540.1**	Current	**2014-08**	Standalone Software

Note: Software releases not listed in the table are in "Phased Out" lifecycle status. The HPS Product Support Guide for Control, Safety and Monitoring Systems is available for download [here](#).

Only Latest and Latest-1 patches/updates are supported by GTAC at the defined support level for the software functional release.

Definitions:

"Software Package" means any HPS software product developed for the specific functional release of system software.

"Standalone Software" means any HPS software product developed for independent operation from a system software functional release.

"System Software" means machine-readable data and executable programs used to define the functionality of the HPS control system and standard hardware products, but does not include firmware, operating system, application software or other software products.