

HONEYWELL INFORMATION, NEWS, AND TIPS



FEBRUARY 2020

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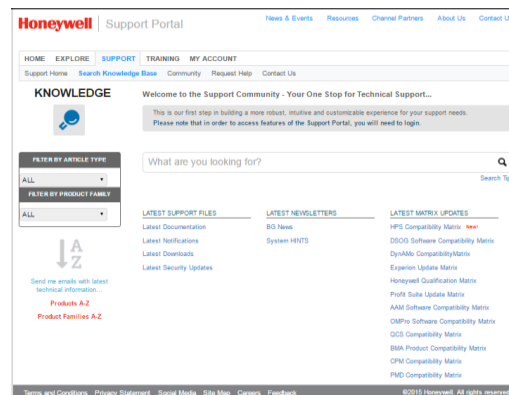
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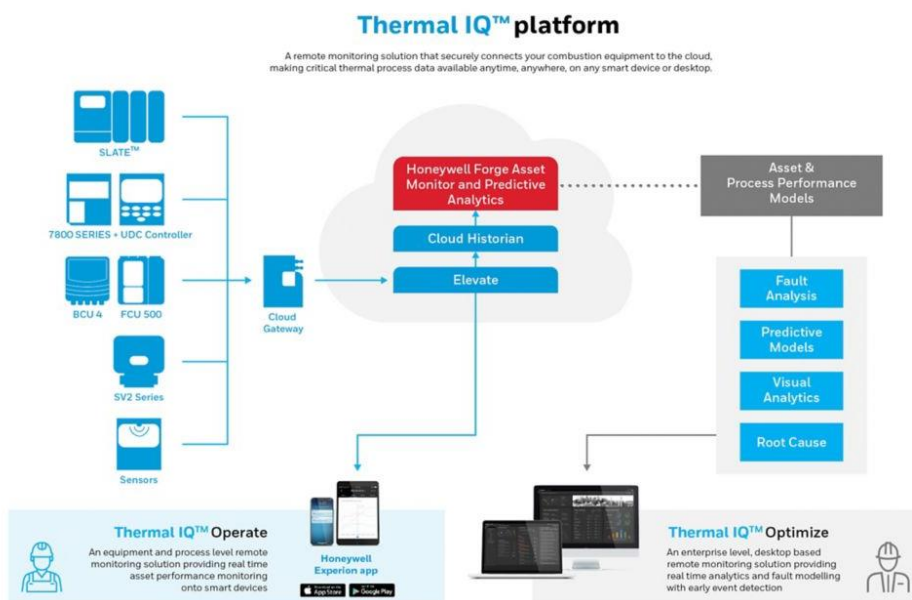
For questions or comments related to the HINTS newsletter, please write to [HPS System HINTS](mailto:HPS.System.HINTS).

Honeywell Thermal Solutions Announces Thermal IQ™ Optimize

With the introduction of Thermal IQ™ Optimize, Honeywell has extended the Thermal IQ platform to



automate the process of extracting long-hidden thermal process data and help drive better business outcomes. Developed by Honeywell's thermal process experts, Thermal IQ real-time thermal analytics provide users with data insights and fault modeling with early event detection at the plant, equipment and process level to keep thermal process equipment running safely, efficiently and effectively.



Based on Honeywell Forge asset and process performance models, Thermal IQ Optimize extracts data from combustion equipment and thermal processes across the enterprise, providing a clear, high-level view of thermal process performance through visual analytics. The asset performance management platform then allows users to drill down into the data of individual assets for in-depth analysis, enabling them to quickly and easily identify anomalies in equipment function or processes, and determine their impact on enterprise efficiency.

Consisting of wireless cellular connectivity, a mobile application and an enterprise-view dashboard, the Thermal IQ platform securely connects combustion equipment to the cloud, making critical thermal process data that is normally trapped at the equipment level available anytime, anywhere, on any smart device or desktop. With Thermal IQ, users can get real-time alerts when key parameters are outside normal limits, track historical data over time to identify when and why something happened, and provide actionable recommendations.

Thermal IQ is ideal for multi-site enterprises with limited or no tracking or remote access capabilities, and consequently cannot optimize their thermal process systems' performance. The solution is now available in the Americas, Asia and Europe.

For more information visit: HoneywellProcess.com/TIQ or combustion.honeywell.com/thermal-iq

2020 Americas Honeywell Users Group Registration and Call for Papers

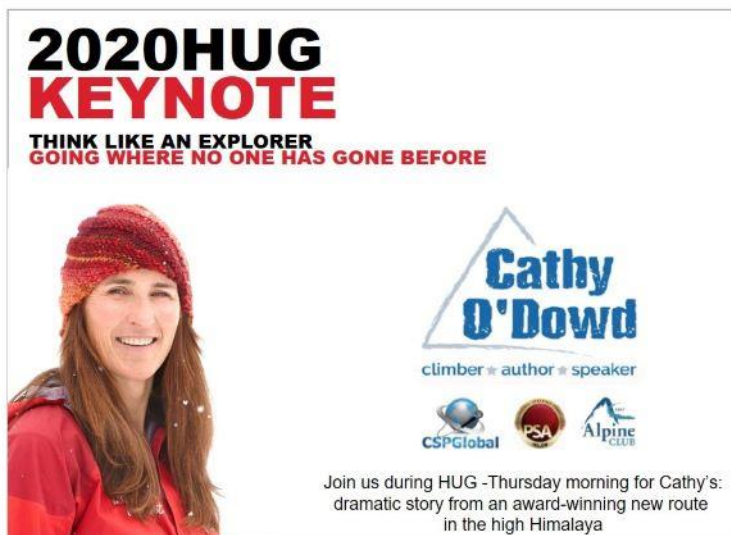
Dear Honeywell Process Solutions End Users,
The 2020 Americas Honeywell Users Group conference registration will open March 2nd. The event takes place June 21-25 in Orlando, Florida.

The Call for Papers is open, and feel free to submit your details and abstract online for the [AMERICAS HUG](#) before April 21st, and for [EMEA HUG](#) before July 12th.

Present at Honeywell Users Group and we will waive your conference registration fee.

If you have any questions, contact: usersgroup@honeywell.com or visit www.honeywellusersgroup.com.

We encourage you [to opt-in](#) to receive messages with regards to Honeywell Users Group.



2020HUG
KEYNOTE
THINK LIKE AN EXPLORER
GOING WHERE NO ONE HAS GONE BEFORE

Cathy O'Dowd
climber • author • speaker

CSPGlobal PSA Alpine CLUB

Join us during HUG -Thursday morning for Cathy's dramatic story from an award-winning new route in the high Himalaya

DynAMo Operations Suite R200.1 – End of Support Lifecycle

This communication is intended for the existing customers that have the **R200.1 version** of DynAMo Operations Suite (DOS) product installed and running in one or more of their sites. This version of DOS was released in February 2017.

Honeywell announces **end-of-life** for the R200.1 version of DOS. The R200.1 version of DOS will be phased out of support effective **June 1, 2020**. Customers are advised to upgrade to the latest release of DOS (i.e., DOS R230.2) which was released in August 2019.

Contact

The details on the product latest support policy can be found [here](#). Customers with active and paid service and support contracts are requested to contact their respective account managers or Honeywell's Global Support team for additional information.

Integrated Automation Assessment pricing changes for 2020

The current pricing structure for Integrated Automation Assessment (IAA) will be replaced with a more efficient, lower cost, pricing model effective February 24, 2020.

What is the Integrated Automation Assessment?

Honeywell Integrated Automation Assessment for Experion and 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 also 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 covers evaluation of users' Experion PKS and TPS control systems against best practices, as well as assessment of process control loop performance and benchmarking of alarm systems.

New Pricing through R2Q

In the past Honeywell HPS offered three different flavors of an Integrated Automation Assessment report, that being the Performance Baseline, the standard IAA, and the Enhanced IAA. The past pricing model was \$7,500 for the baseline, \$20K for the standard, and \$25K for the enhanced.

Old pricing model	New pricing model
Sell List Price <ul style="list-style-type: none"> System Performance Baseline - \$7,500 Standard IAA - \$20,000 Enhanced IAA - \$25,000 	Sell List Price <ul style="list-style-type: none"> System Performance Baseline - \$6,040 Standard IAA - \$17,365 Enhanced IAA - \$19,630
A360 customers <ul style="list-style-type: none"> One free IAA report per year (must be specified in the contract; not all A360 customers are entitled) SESP discounts apply 	A360 customers – no change <ul style="list-style-type: none"> One free IAA report per year (must be specified in the contract; not all A360 customers are entitled) SESP discounts apply (see below)
SESP customers <ul style="list-style-type: none"> No longer offering a free IAA report for SESP customers SESP Value Remote Plus and Value Plus – 50% off, one time per year SESP Value Flex – 30% off sell price, one time per year Multi-year discounting of 25% applies 	SESP customers – one time per year <ul style="list-style-type: none"> No longer offering a free IAA report for SESP customers SESP Value Remote Plus and Value Plus – 40% off sell price on IAA SESP Value Flex – 30% off sell price of IAA Discounts automatically calculated by R2Q Multi-year discounting of 25% applies – SESP discounts don't apply to SPB reports
Already paid for SPB report in the last 12 months? <ul style="list-style-type: none"> 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? <ul style="list-style-type: none"> Reduce IAA price by 20% If customer has SESP, SESP discounts are applied instead.
MPA agreements do not provide an automatic discount for IAA	MPA agreements do not provide any additional discounts for IAA

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)

IDP Scout R610: Diagnostic Software for Honeywell IDP-driven Pulp & Paper CD Actuators

Effective immediately, Honeywell has withdrawn from sale **IDP Scout R610**, a diagnostic software for Honeywell’s IDP II -controller driven CD actuators.

Accordingly:

1. **IDP Scout R610** will no longer be orderable
2. Support status of **IDP Scout R610** will change from “Current” to “Supported” as per HPS software product support policy

Effective March 31, 2020, **IDP Scout R610** will transition to Phases-Out lifecycle status.

After March 31st, 2020:

1. Honeywell will make commercially reasonable efforts to provide technical support for **IDP Scout R610** throughout the life of existing warranties and service contracts
2. The operating system used by **IDP Scout R610** is no longer supported by the vendor and no longer receives updates or support
3. Lifecycle status of **IDP Scout R610** will change to “Phased-Out” as per HPS software support policy

IDP Scout R610 is dependent on Microsoft Windows 7 operating system software. Microsoft has previously announced that this operating system version will no longer be supported effective January 14th, 2020. For more information, see this link on Windows 7 end of support:

<https://support.microsoft.com/en-us/help/4057281/windows-7-support-will-end-on-january-14-2020>

Experion Update Matrix

The Experion Update Matrix was updated to version 240 and can be found in the attachment or at the following link (login required):

www.honeywellprocess.com/library/support/software-downloads/Experion/experion-update-matrix.zip

Version	Date	Update
v240	24-Jan-20	<p>Microsoft Security Updates ISO: 22 Jan 2020 Microsoft Security Updates RMISO 22 Jan 2020 - Honeywell Trace tab SUIT ISO User Guide 22 Jan 2020</p> <p>EPKS R511.2 Hotfix 2 EPKS R501.6 Server Patch 1 EPKS R432.2 Server Patch 5 (provided missing links) EPKS R431.5 Server Patch 4</p> <p>EPKS R510 FTE Qualified Switch Firmware - new link on Index tab EPKS R501 FTE Qualified Switch Firmware - new link on Index tab EPKS R500 FTE Qualified Switch Firmware - new link on Index tab</p> <p>PN2020 -02 PN2020-01</p> <p>Honeywell Qualification Matrix - update PC Hardware Compatibility Matrix - update - LCNP slot details - Drivers matrix (added Optiplex XE3 , Dell PowerEdge R240HWL & HPE DL360 Gen 10 Server)</p>

System Inventory Tool R300.1 Available

The System Inventory Tool (SIT) R300.1 is now available 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 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, which is used 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 in 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

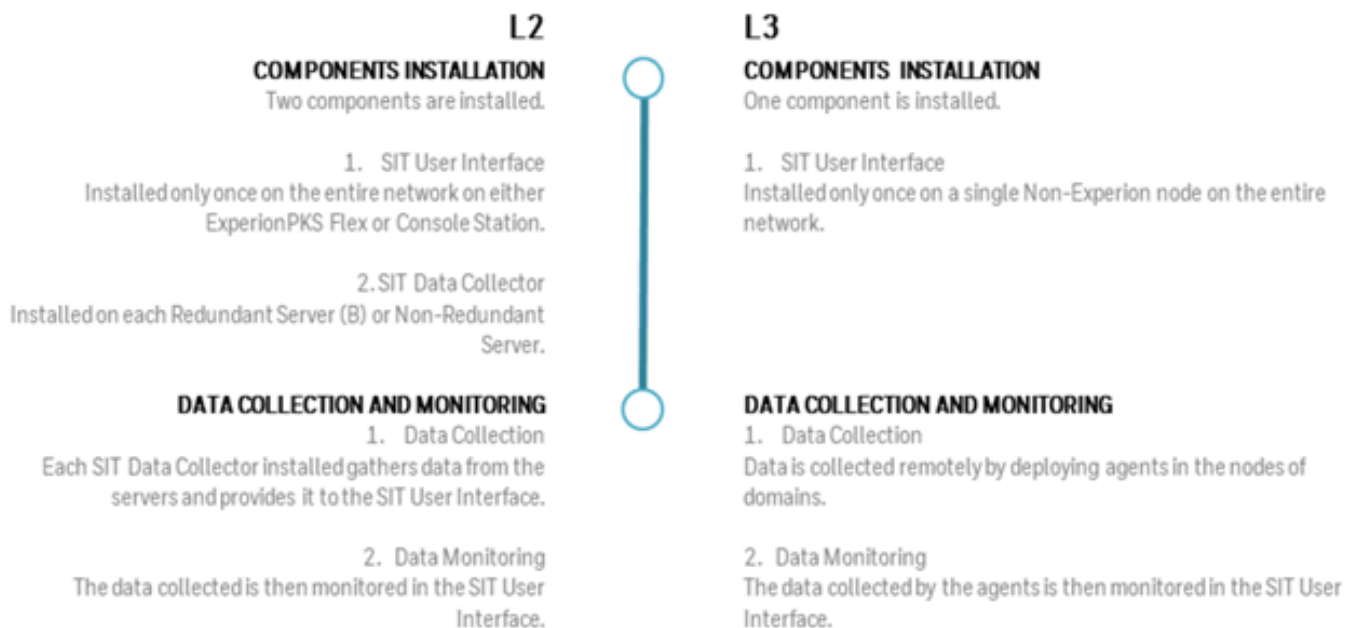
Matrikon OPC Server for Wonderware InSQL (Wonderware Historian)
 Matrikon OPC Server for Wonderware Intouch
 Matrikon ORB
 Matrikon OPC UA Tunneller - UA Proxy Component / UA Proxy
 Matrikon OPC UA Tunneller - UA Wrapper Component / UA Wrapper

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, based on their control system requirements.

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



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

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 Compatibility

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 Do You Need It?

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, you have the ability to see all your 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 your 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 your 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, you'll 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 you can visualize your entire system in one view, you increase awareness that leads to better decision-making.

Migrations

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

Quickly Locate Assets

All assets are listed by Site > MSID and user-defined system names, and because each system name you choose is assigned to its respective MSID, finding your 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 you've installed on your 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 your 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?

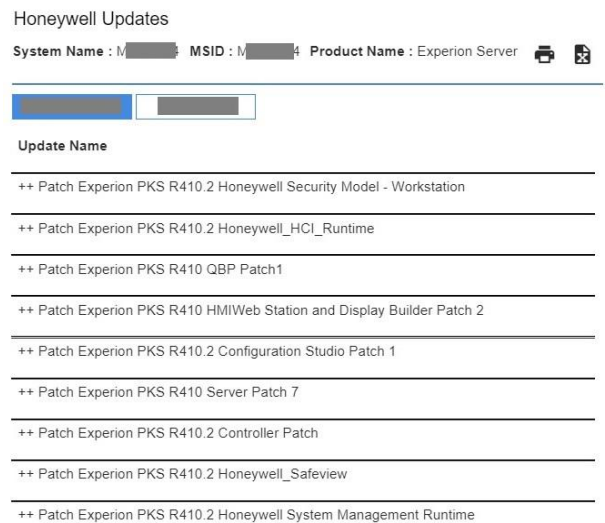
The SIT is designed to capture details of the existing system hardware and software versions, including servers, stations, controllers, I/O modules, node details, installed applications, and switch models.

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, you can see all your servers, stations, controllers, nodes, and switch hardware, as well as detailed information about each. Depending on which asset you're viewing, you 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.

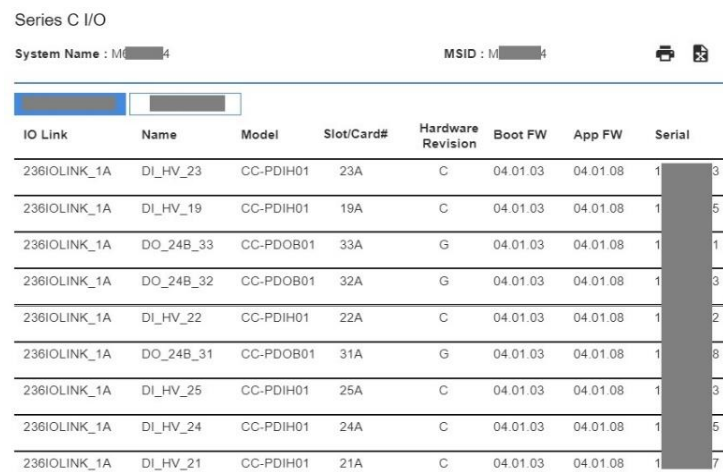


Honeywell Updates

System Name : M[redacted] MSID : M[redacted] 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



Series C I/O

System Name : M[redacted] MSID : M[redacted]

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[redacted]3
236IOLINK_1A	DI_HV_19	CC-PDIH01	19A	C	04.01.03	04.01.08	1[redacted]5
236IOLINK_1A	DO_24B_33	CC-PDOB01	33A	G	04.01.03	04.01.08	1[redacted]1
236IOLINK_1A	DO_24B_32	CC-PDOB01	32A	G	04.01.03	04.01.08	1[redacted]3
236IOLINK_1A	DI_HV_22	CC-PDIH01	22A	C	04.01.03	04.01.08	1[redacted]2
236IOLINK_1A	DO_24B_31	CC-PDOB01	31A	G	04.01.03	04.01.08	1[redacted]8
236IOLINK_1A	DI_HV_25	CC-PDIH01	25A	C	04.01.03	04.01.08	1[redacted]3
236IOLINK_1A	DI_HV_24	CC-PDIH01	24A	C	04.01.03	04.01.08	1[redacted]5
236IOLINK_1A	DI_HV_21	CC-PDIH01	21A	C	04.01.03	04.01.08	1[redacted]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. Nobody 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 your 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

[System Inventory Tool Download](#)

[System Inventory Tool Portal](#)

[System Inventory Web Portal Training](#)

[Frequently Asked Questions](#)

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>

System Inventory Tool: Is it Safe to Use in My Control System?

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 your 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 February 2019, there was a 56 percent increase in SIT adoption worldwide for contracted sites, with almost 900 sites now using the tool without incident. In fact, many customers have reported that the tool installation was straightforward, the tool runs without incident, and the time saved via the automated contract renewal process eliminated weeks of manual audit work. What used to be a lengthy, rigorous process can now be completed automatically, with 100 percent accuracy and in less than a day.

System Inventory Tool Security

- 
Does not collect sensitive data
 No IP addresses, MAC addresses, or any sensitive network information
- 
Cybersecurity
 Secure authentication on HoneywellProcess.com
 Enhanced security and support via TLS 1.1 or higher
- 
Honeywell Data Governance team
 Data access highly restricted and protected via
 Encrypted two-factor authentication

Summary		Contracted Sites		
Pole	# of sites	# of sites using the tool	% of sites using the tool	change since Jan 2018
AMER	665	514	77.29%	36.42%
APAC	147	68	46.26%	91.84%
EMEA	450	316	70.22%	46.98%
Global	1262	898	71.16%	55.98%

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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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
PN2020-01 Database with IO Ref Blocks Migration Failure	Experion PKS	R431, R432, R500, R501, R510, R511	01/17/2020
PN2020-02 Failure to Load a Control Strategy after Performing a Change Parent Operation	Experion PKS	R510, R511	01/17/2020
PN2019-32 Inconsistent CV Deadband and Range Behavior	QCS Experion MX MD Controls, MDMV	Experion MX R70x.x, MD Controls R700.1, R701.1, R701.2, R701.3, R702.1	12/22/2019
PN2019-31 Mandatory use of replacement procedure for QPP and USI when using FX-USI-0002	Safety Manager	All	12/12/2019
PN2019-26A HCILink Application crash when used with Experion PMD R9XX system	HCILink Application crash in Experion MX R70X with Experion PMD R9XX system	Experion MX Releases, R700.X, R701.X, R702.X	12/12/2019
PN2019-30 Rollset Quality Data missing in Rollset Historian Display on Experion MX R70x systems	Experion MX R70X systems	Experion MX Releases, R700.X, R701.X, R702.X	12/06/2019
PN2019-29 Experion MX 4080 or 5080 Scanner with X-Ray Sensor	4080, 5080 Scanner with X-Ray sensor on Experion MX R702.1 and Experion MX 702.2 systems.	Experion MX R702.1 and Experion MX R702.2	12/06/2019
PN2017-21B Spurious Fault Error Code 32 reported for Universal Safety IO	Safety Manager, module type FC-RUSIO-3224 & FC-RUSLS-3224	Version 1.4 or lower	11/08/2019

Products Revisions and Support Status

Latest Media Revision	Latest Patch/Update	Functional Release - First Shipment Announcement	Support Status	Software Product Category
Alarm Configuration Manager R321	R321.11	2013-10	Supported	Standalone Software
Alarm Event Analysis R321	R321.5	2013-10	Supported	Standalone Software
Blending and Movement Automation R430.y	R430.4	2014-06	Supported	Software Package
Business Flex R250	R250.2	2016-10	Supported	Standalone Software
Control Performance Monitor R56x	R560.1	2013-03	Supported	Standalone Software
Control Performance Monitor R57x	R570.1	2014-12	Current	Standalone Software
Control Performance Monitor R60x	R601.2	2018-05	Current	Standalone Software
ControlEdge 2020 R14x	R140.1	2017-04	Supported	System Software
ControlEdge 2020 R15x	R151.1	2018-11	Supported	System Software
ControlEdge 2020 R16x	R160.1	2019-12	Current	System Software
DynAMo Alerts & Notifications (A&N) R200	UA R321.2	2013-10	Current	Standalone Software
DynAMo Documentation & Enforcement (D&E) R200	ACM R321.11	2016-05	Current	Standalone Software
DynAMo Metrics & Reporting (M&R) R200	R202.1	2017-03	Current	Standalone Software
DynAMo Operations Logbook (DOL) R200	R200.1	2017-02	Supported	Standalone Software
DynAMo Operations Logbook (DOL) R211	R211.4	2017-08	Supported	Standalone Software
DynAMo Operations Logbook (DOL) R220	R220.3	2018-06	Supported	Standalone Software
DynAMo Operations Logbook (DOL) R230	R230.1	2019-04	Supported	Standalone Software
DynAMo Operations Logbook (DOL) R230	R230.2	2019-08	Current	Standalone Software
DynAMo Operations Monitoring (DOM) R200	R200.1	2017-02	Supported	Standalone Software
DynAMo Operations Monitoring (DOM) R211	R211.4	2017-08	Supported	Standalone Software
DynAMo Operations Monitoring (DOM) R220	R220.3	2018-06	Supported	Standalone Software
DynAMo Operations Monitoring (DOM) R230	R230.1	2019-04	Supported	Standalone Software
DynAMo Operations Monitoring (DOM) R230	R230.2	2019-08	Current	Standalone Software
Experion Backup and Restore R50x	R500.1	2017-04	Supported	Software Package
Experion Backup and Restore R50x	R501.1	2017-04	Supported	Software Package
Experion Backup and Restore R50x	R501.2	2017-04	Supported	Software Package
Experion Backup and Restore R50x	R501.3	2017-04	Current	Software Package
Experion HS R41x	R410.1	2013-07	Supported	System Software
Experion HS R43x	R430.1	2015-03	Supported	System Software
Experion HS R50x	R500.3	2017-08	Supported	System Software
Experion HS R51x	R510.2	2018-09	Supported	System Software
Experion HS R51x	R511.1	2018-09	Current	System Software
Experion LS R30x	R300.1	2009-11	Supported	System Software
Experion LS R40x	R400.1	2011-06	Current	System Software
Experion LX R11x	R110.2	2014-09	Supported	System Software
Experion LX R12x	R120.1	2015-03	Supported	System Software

Experion LX R50x	R500.2	2017-11	Supported	System Software
Experion LX R51x	R510.2	2018-11	Current	System Software
Experion MX CD Controls R70x	R700.1	2017-03	Supported	Software Package
Experion MX CD Controls R70x	R701.2	2018-05	Supported	Software Package
Experion MX CD Controls R70x	R702.1	2019-06	Current	Software Package
Experion MX CDMV Controls R70x	R700.1	2017-03	Supported	Software Package
Experion MX CDMV Controls R70x	R701.1	2018-05	Supported	Software Package
Experion MX CDMV Controls R70x	R702.1	2019-06	Current	Software Package
Experion MX IDP Scout R61x	R610.1	2013-02	Current	Standalone Software
Experion MX IntelliMap R61x	R610.1	2013-02	Current	Standalone Software
Experion MX MD Controls R70x	R700.1	2017-03	Supported	Software Package
Experion MX MD Controls R70x	R701.1	2018-05	Supported	Software Package
Experion MX MD Controls R70x	R702.1	2019-06	Current	Software Package
Experion MX MDMV Controls R70x	R700.1	2017-03	Supported	Software Package
Experion MX MDMV Controls R70x	R701.3	2018-05	Supported	Software Package
Experion MX MDMV Controls R70x	R702.1	2019-06	Current	Software Package
Experion MX/MXProLine R70x	R700.4	2017-03	Supported	System Software
Experion MX/MXProLine R70x	R701.3	2018-05	Supported	System Software
Experion MX/MXProLine R70x	R702.2	2019-06	Current	System Software
Experion PKS R43x	R431.4	2014-03	Supported	System Software
Experion PKS R43x	R431.5	2014-03	Supported	System Software
Experion PKS R43x	R432.1	2014-03	Supported	System Software
Experion PKS R43x	R432.2	2014-03	Supported	System Software
Experion PKS R50x	R501.4	2017-01	Supported	System Software
Experion PKS R50x	R501.6	2017-01	Supported	System Software
Experion PKS R51x	R510.1	2018-08	Supported	System Software
Experion PKS R51x	R510.2	2018-08	Supported	System Software
Experion PKS R51x	R511.1	2018-08	Supported	System Software
Experion PKS R51x	R511.2	2018-08	Current	System Software
Fail Safe Controller R71x	R710.9	2011-07	Supported	System Software
Fail Safe Controller R80x	R801.3	2014-10	Current	System Software
Field Device Manager R43x	R430.1 (Patch 1)	2012-06	Supported	Standalone Software
Field Device Manager R50x	R500.1	2017-03	Supported	Standalone Software
Field Device Manager R50x	R501.4	2017-03	Supported	Standalone Software
Field Device Manager R51x	R511.1	2019-09	Current	Standalone Software
Honeywell Trace R120	R120.1	2017-04	Supported	Standalone Software
Honeywell Trace R121	R121.1	2018-01	Supported	Standalone Software
Honeywell Trace R130	R130.1 Patch 2	2019-03	Current	Standalone Software
Immersive Competency	R100.1	2018-07	Current	Standalone Software
Integrated Automation Assessment R15x	R150.1	2018-02	Supported	Standalone Software
Integrated Automation Assessment R16x	R160.1	2019-12	Current	Standalone Software
Intuition Executive R22x	R220.1	2014-05	Supported	Standalone Software
Intuition Executive R23x	R230.1	2015-07	Current	Standalone Software
Intuition KPI R11x	R110.1	2014-05	Supported	Standalone Software

OptiVision R53x	R531.1	2012-01	Supported	Standalone Software
OptiVision R54x	R540.1	2014-08	Supported	Standalone Software
OptiVision R54x	R541.1	2015-12	Current	Standalone Software
PlantCruise R10x	R100.3	2013-07	Supported	System Software
PlantCruise R11x	R110.2	2014-09	Supported	System Software
PlantCruise R12x	R120.1	2015-03	Supported	System Software
PlantCruise R50x	R500.1	2017-11	Supported	System Software
PlantCruise R51x	R510.2	2018-11	Current	System Software
PMD R83x	R831.1	2015-02	Supported	System Software
PMD R90x	R900.2	2017-02	Supported	System Software
PMD R91x	R910.2	2018-12	Current	System Software
Predict-Amine	R4.0	2017-09	Supported	Standalone Software
Predict-Crude	R2.0	2015-09	Supported	Standalone Software
Predict-O&G	R7.1	2018-09	Supported	Standalone Software
Predict-Pipe	R5.0	2018-12	Supported	Standalone Software
Predict-RT	R140	2019-06	Supported	Standalone Software
Predict-SA	R2.0	2014-12	Supported	Standalone Software
Predict-SW (Sour Water)	R4.0	2018-12	Supported	Standalone Software
Procedure Analyst R41x	R410.0	2013-01	Supported	Standalone Software
Procedure Analyst R43x	R430.1	2015-06	Supported	Standalone Software
Procedure Analyst R50x	R500.2	2017-03	Current	Standalone Software
Process Safety Analyzer	R115	2017-06	Current	Standalone Software
Profit Blending and Movement R431.y	R431.4	2015-06	Supported	Software Package
Profit Blending and Movement R500.y	R500.2	2016-11	Supported	Software Package
Profit Blending and Movement R501.y	R501.2	2018-05	Supported	Software Package
Profit Blending and Movement R510.y	R510.1	2019-09	Current	Software Package
Profit Suit R41x	R411.1	2013-05	Supported	Standalone Software
Profit Suit R43x	R431.1	2014-12	Supported	Standalone Software
Profit Suit R44x	R441.1	2017-04	Supported	Standalone Software
Profit Suit R50x	R500.1	2018-10	Current	Standalone Software
Quality OptiMiser R540x	R540.1	2010-10	Supported	Standalone Software
Quality OptiMiser R550x	R550.1	2012-12	Supported	Standalone Software
Quality OptiMiser R550x	R550.2	2014-07	Current	Standalone Software
Quality OptiMiser for QCS R550x	R550.2	2014-12	Current	Standalone Software
Risk Manager R170	R170.1 Patch 3	2018-03	Supported	Standalone Software
Risk Manager R171	R171.1	2019-03	Current	Standalone Software
RTU2020 R11x	R110.1	2015-06	Supported	System Software
RTU2020 R12x	R120.1	2016-05	Supported	System Software
Safety Historian R20x	R201.1	2014-03	Current	System Software
Safety Manager R14x	R146.2	2010-05	Supported	System Software
Safety Manager R15x	R153.7	2012-04	Supported	System Software
Safety Manager R15x	R154.2	2012-04	Supported	System Software
Safety Manager R16x	R162.2	2014-10	Current	System Software
Safety Manager SC R20x	R201.1	2018-08	Current	System Software
Secure Media Exchange (SMX)	R102.3	(blank)	Current	Standalone Software

Socrates	R10.0	2019-03	Supported	Standalone Software
Symphonite Integration and Analytics R200.1	R200.2	2017-07	Supported	Standalone Software
Symphonite Integration and Analytics R201.1	R201.1	2019-09	Current	Standalone Software
Symphonite Production Accounting & Reconciliation	R200.1	2015-08	Supported	Standalone Software
Symphonite Production Accounting & Reconciliation	R201.2	2015-08	Supported	Standalone Software
Symphonite Production Accounting & Reconciliation	R210.1	2019-02	Current	Standalone Software
Symphonite RPMS	R510.1.8	2018-12	Current	Standalone Software
System Inventory Tool R21x	R210.2	2016-11	Supported	Standalone Software
System Inventory Tool R22x	R220.1	2017-09	Supported	Standalone Software
System Inventory Tool R23x	R230.1	2018-05	Supported	Standalone Software
System Inventory Tool R23x	R230.2	2018-05	Supported	Standalone Software
System Inventory Tool R23x	R230.3	2018-05	Supported	Standalone Software
System Inventory Tool R30x	R300.1	2019-09	Current	Standalone Software
System Performance Analyzer	R120.1	2019-01	Current	Standalone Software
TPN (AM) CLM R36x	R360.12	2002-01	Supported	System Software
TPN R685.x	R685.4	2016-06	Supported	System Software
TPN R686.x	R686.4	2016-10	Supported	System Software
TPN R687.x	R687.4	2018-02	Supported	System Software
TPN R687.x	R687.5	2018-02	Supported	System Software
TPN R687.x	R687.6	2018-02	Supported	System Software
TPN R688.x	R688.2	2019-01	Supported	System Software
TPN R688.x	R688.3	2019-01	Supported	System Software
TPN R688.x	R688.4	2019-01	Current	System Software
TPS (APP) CLM R20x	R200.2	2012-07	Supported	System Software
TPS Builder R43x	R430.1	2016-05	Supported	Software Package
TPS R42x	R421.3	2009-11	Supported	System Software
Uniformance Asset Sentinel R51x	R510.1	2017-04	Supported	Standalone Software
Uniformance Asset Sentinel R51x	R511.2	2017-10	Supported	Standalone Software
Uniformance Asset Sentinel R52x	R520.1	2018-12	Supported	Standalone Software
Uniformance Asset Sentinel R52x	R520.2	2019-07	Current	Standalone Software
Uniformance Executive R31x	R311.1	2018-03	Current	Standalone Software
Uniformance Insight R11x	R110.1	2017-10	Supported	Standalone Software
Uniformance Insight R20x	R200.1	2018-06	Supported	Standalone Software
Uniformance Insight R21x	R210.1	2015-08	Current	Standalone Software
Uniformance KPI R12x	R121.1	2017-05	Supported	Standalone Software
Uniformance KPI R13x	R130.1	2018-03	Current	Standalone Software
Uniformance PHD R32x	R321.1	2015-03	Supported	Standalone Software
Uniformance PHD R34x	R340.1	2017-10	Supported	Standalone Software
Uniformance PHD R40x	R400.1	2019-06	Current	Standalone Software
Uniformance Process Studio R32x	R322.2	2016-09	Current	Standalone Software
UniSim Competency Suite	R450.1	2016-11	Supported	Standalone Software
UniSim Competency Suite	R451.1	2016-11	Supported	Standalone Software

UniSim Competency Suite	R452.1	2016-11	Supported	Standalone Software
UniSim Competency Suite	R460.1	2018-04	Supported	Standalone Software
UniSim Competency Suite	R461.1	2019-01	Current	Standalone Software
UniSim Design	R460	2018-01	Supported	Standalone Software
UniSim Design	R470	2019-10	Current	Standalone Software
UniSim Design	R461.1	2019-04	Supported	Standalone Software
UserAlert R321	R321.2	2013-10	Supported	Standalone Software
Web Order Services 54x	R540.1	2014-08	Current	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.