

HONEYWELL INFORMATION, NEWS, AND TIPS



JANUARY 2020

In This Issue

Contents

2020 Honeywell Users Group: Share Your Story!.....2

Submit Your Ideas to the User Input Committee (UIS) NOW!
.....2

Experion PKS Highly Integrated Virtual Environment (HIVE)
Launched.....3

R687.6 and TPN R688.4 Release Announcements.....4

OneWireless System and Experion Compatibility Matrix.....5

Experion Update Matrix5

System Inventory Tool R300.1 Available.....6

What is SIT and Why Do You Need It?.....9

System Inventory Tool: Is it Safe to Use in My Control
System?12

Experion Network L2/L1 Audit Checklist.....14

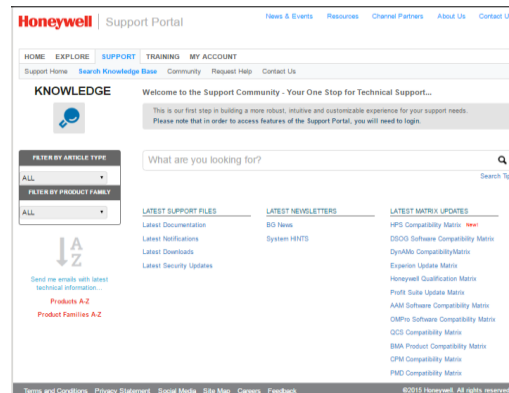
HPS Priority Notifications16

Products Revisions and Support Status.....17

Subscribe to HINTS

Login to www.HoneywellProcess.com. Go to Support > **Search Knowledge Base** and click on [System HINTS](#) under Latest Newsletters. In the page that opens, click on [Subscribe to Support Newsletters \(System HINTS\)](#)

The Search Knowledge Base page allows you to search our Knowledge Base with many technical support-related articles. So, if you need technical assistance, try the Knowledge Base first!



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](#).

2020 Honeywell Users Group: Share Your Story!



The Honeywell Users Group (HUG) [Americas](#) and [EMEA](#) Steering Committees are looking forward to your papers.

Share your Honeywell solution or implementation success during one of our HUG Groups! Your presentation can be industry- or solution-specific.

Feel free to fill out your details and abstract online for [Americas HUG](#) prior to April 21 and for [EMEA HUG](#) before July 12.

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

Mark your calendar for:

- Americas HUG, June 21-25, Orlando, Florida, USA
- EMEA HUG, October 12-15, Madrid, Spain

Visit www.honeywellusersgroup.com for more information.

If you have any questions, please feel free to contact us at usersgroup@honeywell.com

Submit Your Ideas to the User Input Committee (UIS) NOW!

[CLICK HERE](#)

Do you have an idea or suggestion you would like incorporated in the software or hardware you work with every day to make your plant operation more effective? Or, is there a specific solution on the Honeywell roadmap that you would like to see accelerated?

Honeywell's User Input Subcommittee (UIS) is looking for these exact ideas to be included in the next enhancements to our global installed systems.

By providing your input for improvements, you can have a direct impact on the products and services Honeywell delivers and that you use daily. This process ensures that our technologies are aligned with the changing needs of your industry, so you get the functionality that matters to you.

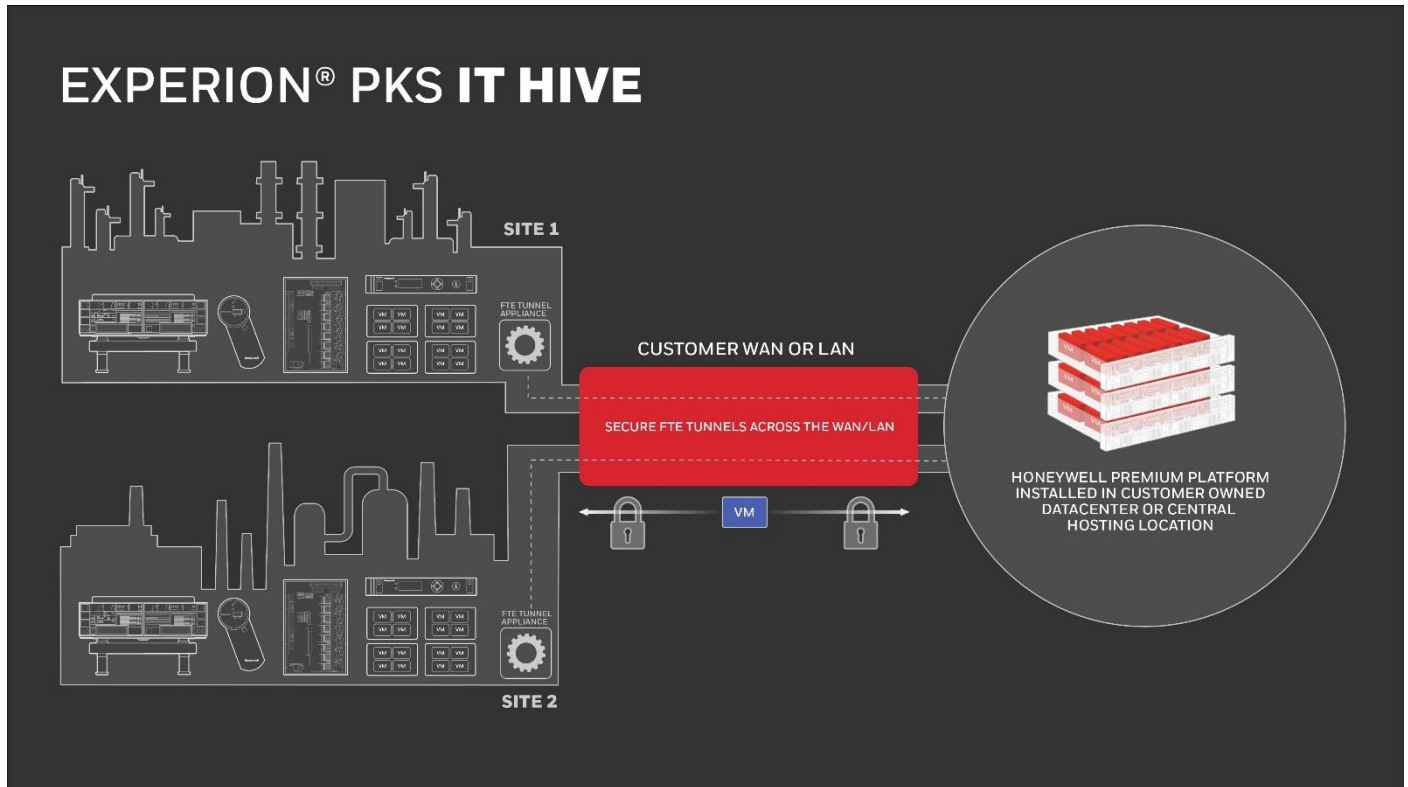
Make yourself heard and **submit your ideas by February 14, 2020**. The online form will guide you through the submission process and make it as easy as possible to turn your idea into the next Honeywell enhancement.

We greatly appreciate your time and suggestions!

Experion PKS Highly Integrated Virtual Environment (HIVE) Launched

Honeywell Experion™ PKS Highly Integrated Virtual Environment (HIVE) incorporates three elements – IT, I/O and Control – which can be used individually or collectively, in tandem with customers' existing systems and infrastructure.

Honeywell is pleased to announce the release of Experion PKS IT HIVE, a new way of architecting the process control system to allow for up to an 80% reduction in the IT infrastructure.



IT workloads require platform infrastructure to host applications, and each platform incurs additional costs, administrative burdens and maintenance. Experion PKS IT HIVE eliminates this complexity by providing the choice of where workloads should be hosted. IT workloads are no longer bound to running at the local process facility simply because the controllers are located there; they can now be placed where it makes the most sense.

Experion PKS IT HIVE provides for:

- Maximized resources by consolidating remote systems into a highly available, centralized Premium Platform cluster located in the datacenter for simpler administration and maintenance
- Centralized view of all Experion systems running at remote sites
- Choice to connect to workloads from the datacenter to facilitate central control room operations

For more information, refer to the [HPS Virtualization Specification](#) or contact your local Honeywell account team.

R687.6 and TPN R688.4 Release Announcements

TPN R687.6 and TPN R688.4 maintenance releases are available for shipment.

The maintenance releases for TPN R688.4 and TPN R687.6 contain PAR fixes related to:

- Fix for EHPM fail with 007D error
- Fix for EPNI time synchronization error

Following this announcement, the TPN release lifecycle status is as follows:

- R688.4 – Current
- R688.3 – Supported
- R688.2 – Supported
- R688.1 – Phased-out
- R687.6 – Supported
- R687.5 – Supported
- R687.4 – Supported
- R687.3 – Phased-out
- R686.4 - Supported
- R685.4 – Supported
- R684.x and older releases – Phased-out

Product lifecycle phases are defined by the Standard Product Support Policy as per Customer Resource Manual Tab PD23.

Honeywell's standard software release numbering scheme is RABC.D, where A = Series, B = Functional, C = Maintenance, and D = Point). TPS software releases will continue to follow the standard release numbering scheme. However, for TPN R680 and up only, the scheme is RABB.CD, in order to allow two digits for functional release identification.

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

TPN software releases are available for electronic download and CD/DVD media distribution.

For more details related to this software release, refer to TPN R687.5 and TPN R688.3 SCN.

OneWireless System and Experion Compatibility Matrix

Experion Releases	OneWireless Releases									
	R120	R210	R220	R230	R240	R300	R310.1	R310.2	R320.1	R320.2
R311.x	Yes	No	No	No	No	No				
R400.x	Yes	No	No	No	No	No				
R410.x	No	Yes	Yes	Yes	Yes	Yes*				
R430.x	No	Yes	Yes	Yes	Yes	Yes*				
R431.x	No	Yes	Yes	Yes	Yes	Yes**	Yes**	Yes**		
R500.x	No	Yes	Yes	Yes	Yes	Yes**	Yes**	Yes**	Yes**	
R501.x	No	NT	NT	NT	NT	Yes**	Yes**	Yes**	Yes**	Yes**
R510.x	No	NT	NT	NT	NT	Yes**	Yes**	Yes**	Yes**	Yes**
R511.x	No	NT	NT	NT	NT	NT	NT	NT	NT	Yes**

Notes:

1. Experion release does not have support for multi-protocol. It supports only ISA-100 protocol devices, even though OneWireless R300.x release supports multi-protocol feature.
2. **R431.2 and above releases supports multi-protocol feature of OneWireless R300.x and above
3. NT = Not tested
4. From OW R310 release onwards, Honeywell will perform integration testing on Experion releases (n, n-1 and n-2),
 - a. OneWireless R310 tested against Experion R510, R501, R500 and R431.x.

OneWireless R320.1 tested against Experion R510.x, R501.x, R500.x.

Experion Update Matrix

The Experion Update Matrix was updated to version 240. It 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

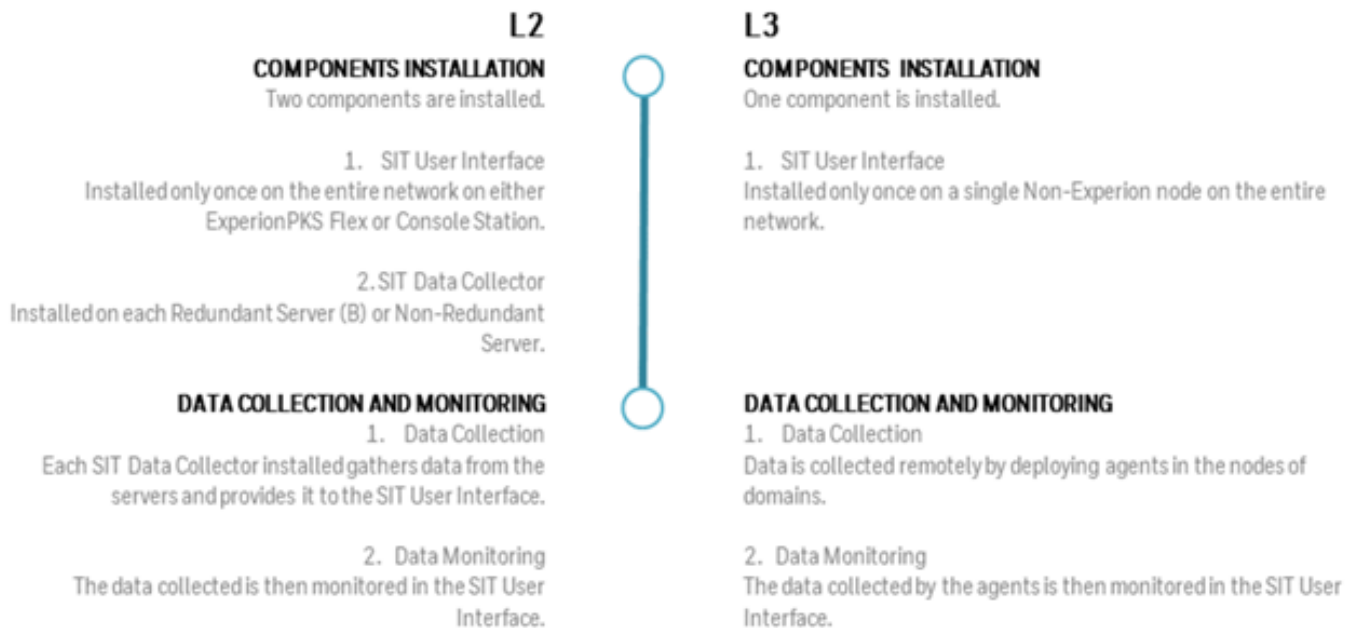
Installation

The SIT R300.1 is a standalone installation, and therefore is 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

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

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.

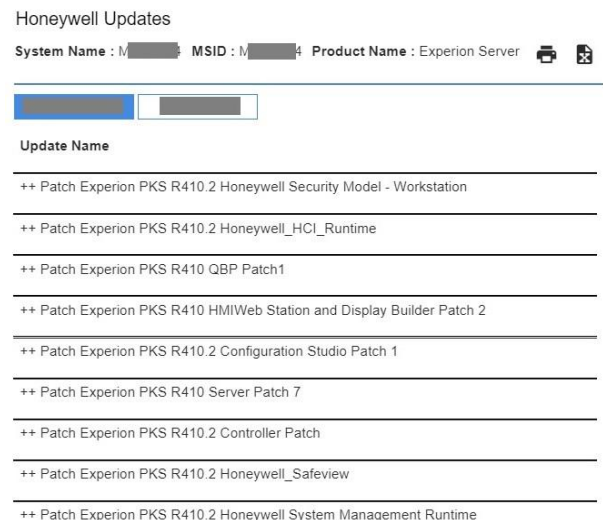
Today, control systems are more complex than ever before and there is limited information on how the different components need to interact. When you can visualize your entire system in one view, you increase awareness that leads to better decision-making.

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.

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

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.

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).

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

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.

Summary	Contracted Sites			
	Pole	# of sites	# of sites using the tool	% of sites using the tool
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>

Experion Network L2/L1 Audit Checklist

GTAC Experion Network Audit Document was updated with important lessons learned since the last release of the technical audit document.

Deliverables:

- TAC_Experion_Audit_Network_rev19.pdf
- GTAC_Network_Companion_rev19.zip
- TAC_Experion_Audit_Network_rev19.doc

List of all GTAC Technical Audit documents:

Article #	Audit Document Title	Experion Scada	Experion with CDA points	Experion with TPS points	Experion with CDA and TPS points	EAS/RESS/Esriver
65350	Experion Server Client GTAC Audit Document	x	x	x	x	x
65389	Experion Network GTAC Audit Document	x	x	x	x	x
65349	EBR GTAC Audit document	only when using EBR	only when using EBR	only when using EBR	only when using EBR	only when using EBR
65322	GTAC Audit Document for ExperionPKS Controllers		x		x	
65302	GTAC Audit Document for ACE		only when using ACE		only when using ACE	
65191	GTAC HMIWEB Audit Document	x	x	x	x	x
65346	Experion TPS Integration audit document			x	x	
65176	PHD Experion Link GTAC Audit document	only when using PHD	only when using PHD	only when using PHD	only when using PHD	only when using PHD
65434	Experion Virtualization GTAC Audit Document	only when using Experion Virtualisation	only when using Experion Virtualisation	only when using Experion Virtualisation	only when using Experion Virtualisation	only when using Experion Virtualisation
65131	Experion Orion Console and Thin Client Audit Document	only when using Orion Console or Wyse thin client	only when using Orion Console or Wyse thin client	only when using Orion Console or Wyse thin client	only when using Orion Console or Wyse thin client	only when using Orion Console or Wyse thin client

Instructions for download:

Once logged in to www.honeywellprocess.com, you would go to the Support Section, then search for 65389.

Then select “Experion Network GTAC Audit Document”, which is article 65389.

GTAC is using the TOPICS feature in the Knowledge Base to cluster similar articles. For all our GTAC audit documents, the topic name to be used is “TopicGTACAudit”

When you search for this topic (search without quotes), it will return you also all other GTAC Audit documents (see example below).

The screenshot shows the Honeywell Support Portal interface. At the top, there is a navigation bar with 'Support Logout' and a user profile icon. Below that is a main navigation menu with 'HOME', 'SUPPORT', 'TRAINING', 'MY ACCOUNT', and 'ASSURANCE 360'. A search bar contains the text 'TopicGTACAudit'. On the left side, there are several filter sections: 'FILTER BY ARTICLE TYPE', 'FILTER BY ARTICLE CATEGORY', 'FILTER BY PRODUCT FAMILY', 'PRODUCTS', and 'SORT OPTIONS'. The main content area displays search results for 'TopicGTACAudit', showing 9 or more results. The first result is 'GTAC Audit Documents - Overview' with a 4-star rating. The second is 'Experion Virtualization GTAC Audit Document' with a 5-star rating. The third is 'GTAC Audit Document for ACE' with a 4-star rating. Red callout boxes with numbers 1, 2, and 3 point to the user profile icon, the 'SUPPORT' menu item, and the search bar respectively.

Files can be downloaded from the Attachment section of the article as showed below:

The screenshot shows the 'Attachments' section of an article. It features a blue header with the word 'Attachments' in white. Below the header, there are three links for downloading files: 'GTAC [redacted].pdf', 'GTAC [redacted].zip', and 'GTAC [redacted].docx'. Each link is preceded by a small icon representing the file type.

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 R160	R160.1	2017-04	Phased Out	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 R10x	R102.1	2017-02	Phased-Out	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	R320.3	2014-08	Phased-Out	Standalone Software

Uniformance Process Studio R32x	R321.1	2015-12	Phased-Out	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	R761.1	2019-04	Supported	Standalone Software
UniSim Operations Suite	R441.1	(blank)	Phased Out	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.