

# HONEYWELL INFORMATION, NEWS, AND TIPS



DECEMBER 2019

## In This Issue

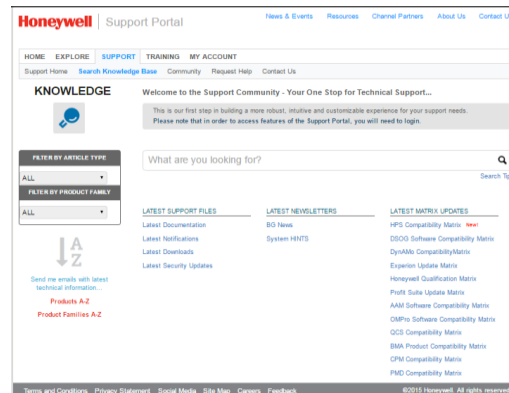
### Contents

2020 Americas Honeywell Users Group Americas: Share Your Story! .....	2
Safety Manager R154.2 Release Announcement.....	2
Honeywell Z90 Thin Client – Image Upgrade Build 2800 ....	3
Honeywell Computer Platforms: New Releases .....	3
Experion Update Matrix .....	4
How to Subscribe to System HINTS and BG Newsletters ....	4
Experion TPS Integration Robustness Enhancement to Help with Congested ESVTs – PAR 1-ASFD89D .....	5
System Inventory Tool R300.1 Announced .....	6
What is SIT and Why Do You Need It?.....	9
System Inventory Tool: Is it Safe to Use in My Control System? .....	12
System Inventory Tool: Available with No Purchase Required.....	14
Why It's Important to Use the Latest Version of the System Inventory Tool.....	14
System Inventory Tool (SIT) and Experion PKS Compatibility Matrix.....	14
HPS Priority Notifications .....	15
Products Revisions and Support Status .....	16

## Subscribe to HINTS

Login to [www.HoneywellProcess.com](http://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](#). You can 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](mailto:HPS.System.HINTS).

## 2020 Americas Honeywell Users Group Americas: Share Your Story!



The [Steering Committee](#) is looking forward to your papers.

Share your Honeywell solution or implementation success during the 45<sup>th</sup> Annual Honeywell Users Group Americas and we will **waive your conference registration fee**.

This special offer can save you up to \$1,295 USD!

Your presentation can be industry or solution specific. If you are an end user, feel free to submit your details and abstract [online](#) before April 21.

[Share a paper](#) and mark your calendar for Americas HUG **June 21-25, 2020**.

**JW Marriott Grande Lakes Orlando**, FL 32837, United States

See the [venue details](#) and what is included in the symposium [registration](#).

Stay connected with: [www.honeywellusersgroup.com](http://www.honeywellusersgroup.com).

## Safety Manager R154.2 Release Announcement

Safety Manager release R154.2 has been released and is available for shipment.

Following this announcement, the Safety Manager Releases Lifecycle is as follows:

- R162.2 – Current
  - For all new Safety Manager Projects, as SM R162.2 is the main functional release for Safety Manager
  - For FSC Migration to Safety Manager
  - For TPS Expansions with Safety Manager connected to the EUCN
- R154.2 – Supported
  - Maintenance release for Safety Manager
  - Upgrade of Safety Manager R14x having configuration with Universal Safety IO (only supported by Safety Manager R151 and higher)
- R146.2 – Supported
  - Is the golden release for Safety Manager with Chassis only
  - Safety Manager Software Release R146.2 does not support Universal Safety IO, hence upgrades from previous releases to Safety Manager R146.2 is only possible if **no** Universal Safety IO is configured
- R133.5 – Phased Out

- Support is stopped

For current users of Safety Manager R150.x, R151.z, R152.x, R153.x or R154.1 Honeywell advises to upgrade to SM R154.2. This is because of the safety/availability issues solved in SM R154.2. See [Software Change Notification SM R154.2](#).

Priority notifications, which are mentioned in the Software Change Notification, can be found at following location:

<https://www.honeywellprocess.com/en-US/pages/default.aspx>

1. Login to Honeywellprocess.com.
2. Go to the SUPPORT tab.
3. In the search field type search criteria: for example, 'PN2017-11A'
4. System will find the correspondence notification.
5. Select and read the notification very carefully to understand issues resolved in this release.

**Note:** The search for notifications gives also a reference to the "Safety Systems PN-BW Matrix." This matrix shows the complete overview of all notifications related to Honeywell Safety Systems.

## Honeywell Z90 Thin Client – Image Upgrade Build 2800

Image Upgrade Build 2800 has been released for the Honeywell Z90 thin client. Honeywell recommends all customers upgrade Z90 thin client hardware to Build 2800 to benefit from the feature, performance, and security enhancements contained in this image.

Please refer to the Software Change Notice (SCN) for details and upgrade instructions. The SCN and download datasheet can be found at the links below:

SCN: <https://www.honeywellprocess.com/library/support/Documents/Experion/Honeywell-Z90-Thin-Client-Image-Upgrade-Build-2800-SCN.pdf>

Datasheet for Build 2800:

<https://www.honeywellprocess.com/library/support/Documents/Experion/Honeywell-Custom-Image-2800-Update-for-Dell-Wyse-Z90-thin-client-datasheet.pdf>

## Honeywell Computer Platforms: New Releases

Honeywell has released the following computing platforms. This hardware has been specifically engineered to provide a superior lifecycle experience in the areas of commissioning, operations, troubleshooting, upgrades and maintenance. Key characteristics of Honeywell computer platforms include:

- Globally available throughout Honeywell
- Standardized and performance tested configuration to eliminate compatibility issues
- Global support through Honeywell support channels

New Honeywell computing platforms:

Model Number	Description	Based On
MZ-PCWS13	Tower Workstation, Standard Profile	Dell OptiPlex XE3

The following Honeywell computing platforms have been withdrawn from sale:

Model Number	Description	Based On
MZ-PCSV64	Rack Server, Standard Profile	Dell PowerEdge R230XL

## Experion Update Matrix

We have updated the Experion Update Matrix to Version 238.

The Experion Update Matrix can be found on the following link (login required):

[www.honeywellprocess.com/library/support/software-downloads/Experion/experion-update-matrix.zip](http://www.honeywellprocess.com/library/support/software-downloads/Experion/experion-update-matrix.zip)

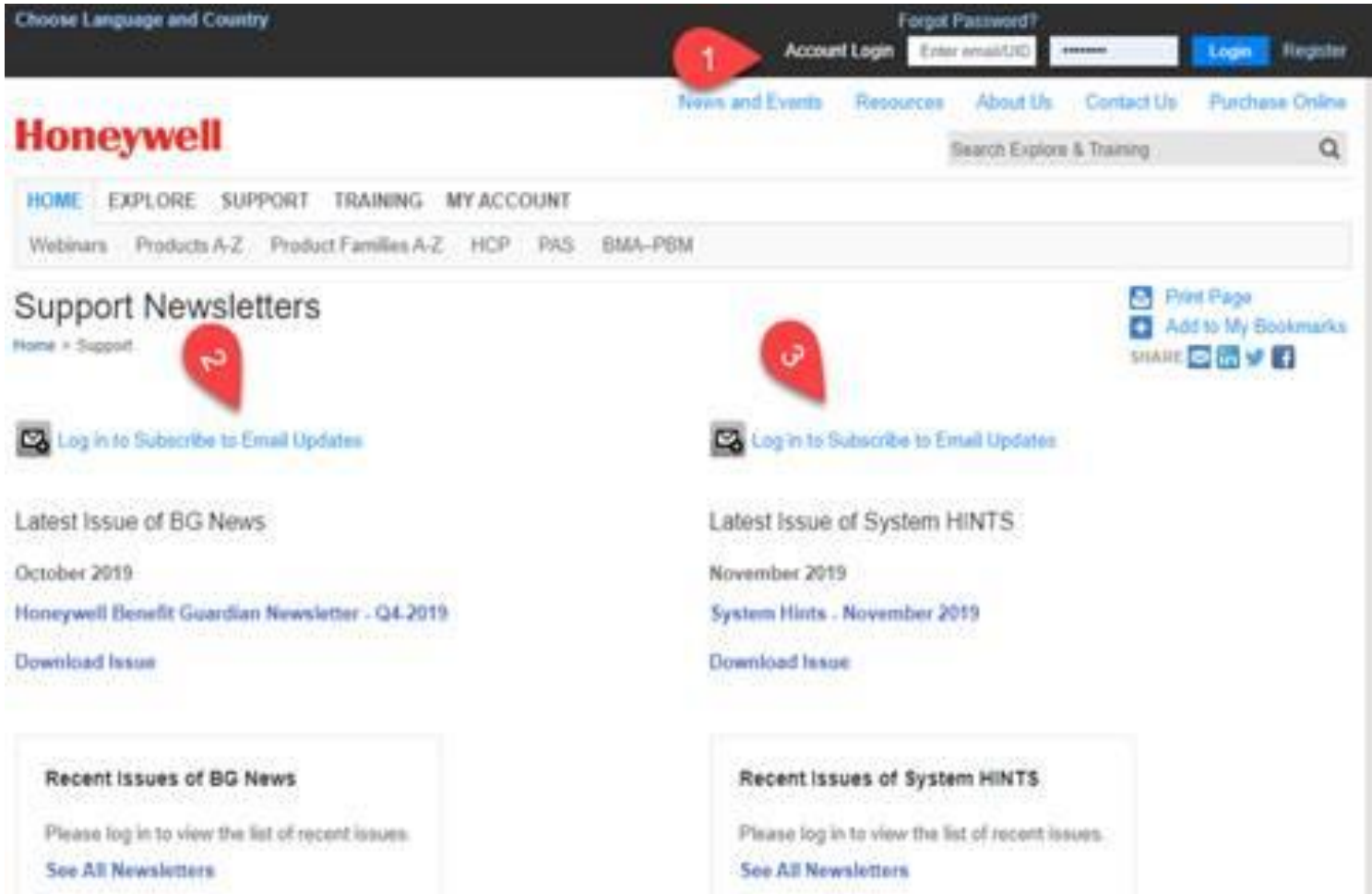
Version	Date	Update
v238	6-Nov-19	<p><b>Microsoft Security Update ISO - 15 Oct 2019</b>  <b>Microsoft Security Updates RMISO - 15 Oct 2019 - Honeywell Trace tab</b>  <b>SUIT ISO User Guide - 15 Oct 2019</b></p> <p><b>EPKS R510.2 Tools and Controller Hotfix 7</b>  <b>EPKS R501.6 - <a href="#">release</a></b>  <b>EPKS R501.6 Tools and Controller Hotfix 1</b></p> <p>PN2019-24A                      RAL2019-07                      SN2019-11-01 01</p> <p><i>Housekeeping - updating links &amp; applicable nodes</i></p>

## How to Subscribe to System HINTS and BG Newsletters

Here are the steps to subscribe to the System Hints and Benefit Guardian newsletters

Go to <https://www.honeywellprocess.com/en-US/support/Pages/newsletters.aspx>

Then subscribe as follows:



## Experion TPS Integration Robustness Enhancement to Help with Congested ESVTs – PAR 1-ASFD89D

1-ASFD89D      TPS Interface      Each time a TPS alarm is raised, Experion performs a single read for EUEDESC parameter which may cause congestion issues on large systems

The logic to keep a small cache of EUEDESC, preventing single read for the chattering alarms and thus improving the TPNServer Capacity was enhanced.

Refer to section “4.7 High Alarm Rate Causing Single Item Reads” in the **“Understanding and Resolving ESVT TPNServer Congestion”** document.

#### 4.7 High Alarm Rate causing single item reads

In this example, the customer has implemented all the recommendation to optimize data acquisition from OPC Clients, PHD, etc., but still see a highly congested TPNServer. The analysis shows a high level of single items transactions:

# Details: group requests by items

ItemCount	Requests	Req/min
1	3514	183.18
892	221	13
1005	991	13

And a closer look to the Chattering Alarm section highlight several potential bad actors, the table below shows the amount of time a point was detected in alarm during the trace:

#### ### Detecting Chattering Alarms bad actors

Point description needs to be read when an alarm/event is raised. Plea

Count	Name
421	12FF1021A.EUDESC
332	46GRABAD.EUDESC
264	19E12122A.EUDESC
226	12L2012C.EUDESC
165	1F12911_LL_RP.EUDESC
118	1L36191_PN.EUDESC

This got confirmed by inspecting the event rate, which was very high. The customer also confirm that the tags highlighted in the chattering alarm section were confirmed to be bad actors, the resolution would be for the site to eliminate the source of alarms for those chattering alarms.

▲ With Experion R501.6, R510.2 SP3, R510.3 and R511.2 (and later), we enhanced the logic to keep a small ca preventing single read for the chattering alarms and thus improving the TPNServer Capacity. HPS Technical Support upgrading to a more recent release to enable this function.

1-ASFD99D Each time a TPS alarm is raised, Experion performs a single read for EUDESC parameter to cause congestion issues on large systems

Experion release where the enhancement is available:

Experion Release	Enhancement Available From
R501.x	R501.6
R510.x	R510.2 + Server Patch 3
R511.x	R511.2

Related Article: Article Number: 84148 - Understanding and Resolving ESVT TPNServer Congestion

## System Inventory Tool R300.1 Announced

The System Inventory Tool R300.1 is now available for download from the [System Inventory Tool Landing Page](#) at no charge for all Honeywell accounts

The [System Inventory Tool](#) R300.1 is a self-service tool that HPS customers install on their Experion PKS R400.8 or newer system 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 customers, both contracted and non-contracted, the System Inventory Tool runs in the background and will not impact the control system performance.

After the System Inventory Tool has completed its scan, a .cab file is created and then either your Honeywell technician or the customer uploads the inventory file to the System Inventor 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 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

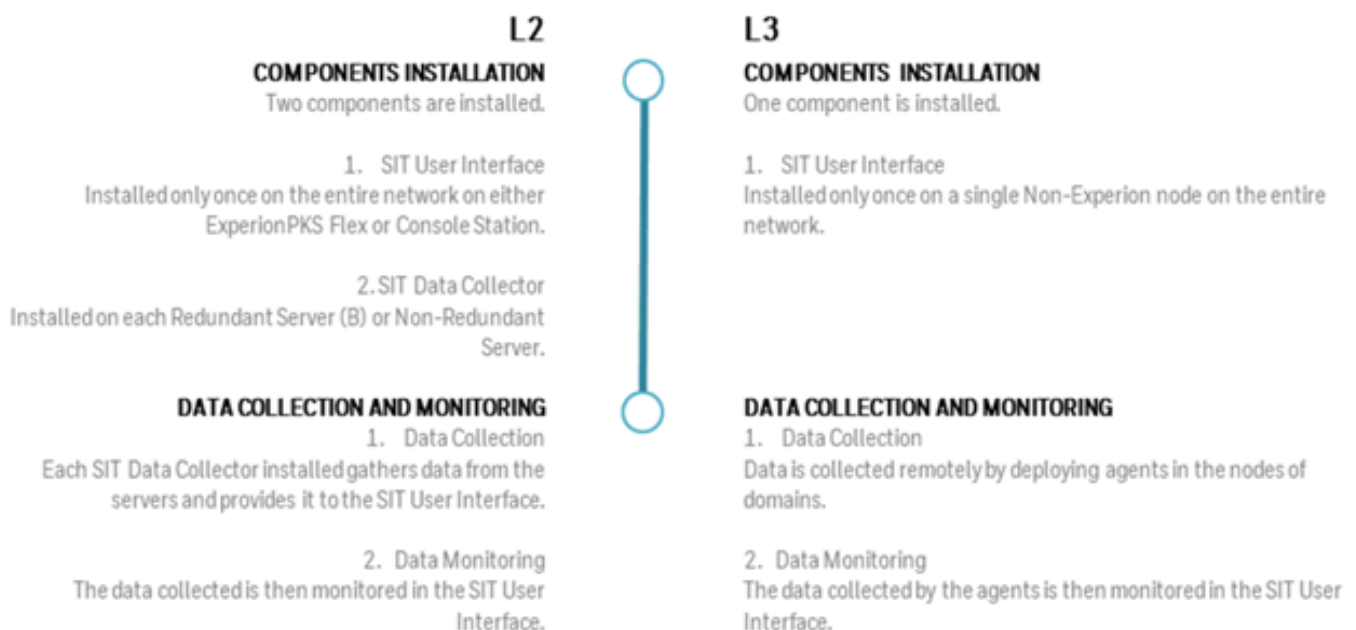
## Installation

The System Inventory Tool R300.1 is a standalone installation, and therefore not integrated into the Experion R511 media package.

While the System Inventory Tool 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 it on either or both levels, based on the control system requirements.

### Functionality of SIT on L2 and L3

Key features & differences on both levels



## Information for System Inventory Tool R230 Users

Users who have installed R230.1, R230.2, or R230.3 versions of the System Inventory Tool 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 System Inventory Tool 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 out 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.

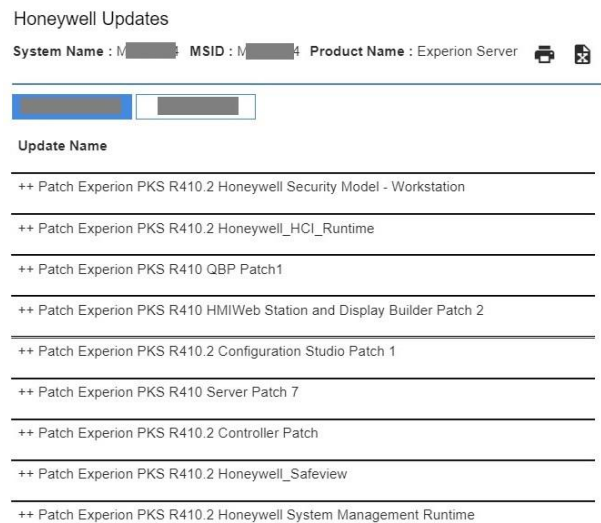
## Migrations

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?



The screenshot shows a web interface titled "Honeywell Updates". At the top, it displays "System Name : M [redacted] MSID : M [redacted] Product Name : Experion Server" with printer and refresh icons. Below this is a search bar with two input fields. The main section is titled "Update Name" and contains a list of updates, each with a double-plus icon and a horizontal line below it:

- ++ 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

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 know 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 tool 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.

Series C I/O

System Name : M[REDACTED]4 MSID : M[REDACTED]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	[REDACTED]3
236IOLINK_1A	DI_HV_19	CC-PDIH01	19A	C	04.01.03	04.01.08	[REDACTED]5
236IOLINK_1A	DO_24B_33	CC-PDOB01	33A	G	04.01.03	04.01.08	[REDACTED]1
236IOLINK_1A	DO_24B_32	CC-PDOB01	32A	G	04.01.03	04.01.08	[REDACTED]3
236IOLINK_1A	DI_HV_22	CC-PDIH01	22A	C	04.01.03	04.01.08	[REDACTED]2
236IOLINK_1A	DO_24B_31	CC-PDOB01	31A	G	04.01.03	04.01.08	[REDACTED]8
236IOLINK_1A	DI_HV_25	CC-PDIH01	25A	C	04.01.03	04.01.08	[REDACTED]3
236IOLINK_1A	DI_HV_24	CC-PDIH01	24A	C	04.01.03	04.01.08	[REDACTED]5
236IOLINK_1A	DI_HV_21	CC-PDIH01	21A	C	04.01.03	04.01.08	[REDACTED]7

### 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 and 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](http://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% 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 saved them weeks of manual audit work. What used to be a lengthy, rigorous process can now be completed automatically, with 100% 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"> <li>Dell PowerEdge R710 server</li> <li>(8) Processors: Intel(R) Xeon(R) CPU E5620 @ 2.40GHz</li> <li>Speed: 2,394</li> <li>12 GB RAM</li> </ul>	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"> <li>Dell PowerEdge R710 server</li> <li>(8) Processors: Intel(R) Xeon(R) CPU E5620 @ 2.40GHz</li> <li>Speed: 2,394</li> <li>12 GB RAM</li> </ul>	4.8% – 8.9%	1 minute 40 seconds to 2 minutes 56 seconds	
EST	<ul style="list-style-type: none"> <li>Dell Precision T5500 workstation</li> <li>(4) Processors: Intel(R) Xeon(R) CPU X5570 @ 2.93GHz</li> <li>Speed: 2,926</li> <li>3 GB RAM</li> </ul>	2.7% – 6.5%	1 minute 23 seconds to 2 minutes 50 seconds	
Flex	<ul style="list-style-type: none"> <li>VMware virtual platform</li> <li>(2) Processors: Intel(R) Xeon(R) CPU X5570 @ 2.67 GHz</li> <li>Speed: 2,666</li> <li>2 GB RAM</li> </ul>	7.2% - 11.9%	4 minutes to 4 minutes 21 seconds	
ACE-T	<ul style="list-style-type: none"> <li>Dell PowerEdge T610 server</li> <li>(8) Processors: Intel(R) Xeon(R) CPU X5560 @ 2.80GHz</li> <li>Speed: 2,794</li> <li>4 GB RAM</li> </ul>	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](http://www.honeywellprocess.com/support).  
<https://www.honeywellprocess.com/library/marketing/notes/System-Inventory-Tool-Is-it-safe-for-my-control-system.pdf>

## System Inventory Tool: Available with No Purchase Required

Available to Experion PKS users with no purchase required, the Honeywell System Inventory Tool is a self-service solution for scanning the inventory details of your entire control system. This solution will enable you to:

- Know your system – view a level of granularity you haven't seen before
- Improve your service experience – every request starts with knowing your system inventory
- Make better decisions – plan migrations, upgrades and maintenance with more clarity

Get started today at <http://www.honeywellprocess.com/support> > System Inventory (requires log-in).

## Why It's Important to Use the Latest Version of the System Inventory Tool

The latest release of SIT R300.1 was updated with enhancements and fixes to identify assets that were not properly collected in earlier releases.

The SIT is designed to run automatically on a scheduled basis. Thus it is important to collect data on schedule and upload it to the portal to ensure recent asset information. This becomes more important as the team integrates additional tools with the Install Base Database (SIT portal).

The latest SIT can be downloaded [here](#).

## System Inventory Tool (SIT) and Experion PKS Compatibility Matrix

The compatibility matrix for Experion PKS and the [System Inventory Tool](#) (SIT) helps customers employ the correct version of the tool based on the version of Experion installed on their control system.

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	R400.8 or newer
R300.1	R400.8 thru 511

## 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
<a href="#">PN2019-31 Mandatory use of replacement procedure for QPP and USI when using FX-USI-0002</a>	Safety Manager	All	12/12/2019
<a href="#">PN2019-26A HCILink Application crash when used with Experion PMD R9XX system</a>	HCILink Application crash in Experion MX R70X with Experion PMD R9XX system	Experion MX Releases, R700.X, R701.X, R702.X	12/12/2019
<a href="#">PN2019-30 Rollset Quality Data missing in Rollset Historian Display on Experion MX R70x systems</a>	Experion MX R70X systems	Experion MX Releases, R700.X, R701.X, R702.X	12/06/2019
<a href="#">PN2019-29 Experion MX 4080 or 5080 Scanner with X-Ray Sensor</a>	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
<a href="#">PN2017-21B Spurious Fault Error Code 32 reported for Universal Safety IO</a>	Safety Manager, module type FC-RUSIO-3224 & FC-RUSLS-3224	Version 1.4 or lower	11/08/2019
<a href="#">PN2018-10A Universal Safety IO fails with error code 32 or 102</a>	Safety Manager	R140, R145, R150, R151, R152, R153.1, R153.2, R153.3, R153.4, R153.5, R160, R161	11/08/2019
<a href="#">PN2019-24A FTE Comm Failure Between Specific Node Types</a>	Experion PKS; Unit Operations Controller, Experion ELCN, Enhanced Logic Manager Module, Safety Manager SC	Experion PKS R500.X, R501.1, R501.2, R501.4, R510.X, R511.1, Safety Manager SC R200.2, R200.3, R201.1	11/01/2019
<a href="#">SN2019-11-01 01 Malware Protection and Awareness</a>	Safety Manager, Safety Manager SC	R100 to R162, R200 to R201	11/01/2019

## 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	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	R701.3	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 R688.x	R688.2	2019-01	Supported	System Software
TPN R688.x	R688.3	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	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.