

HONEYWELL INFORMATION, NEWS, AND TIPS



MAY 2020

In This Issue

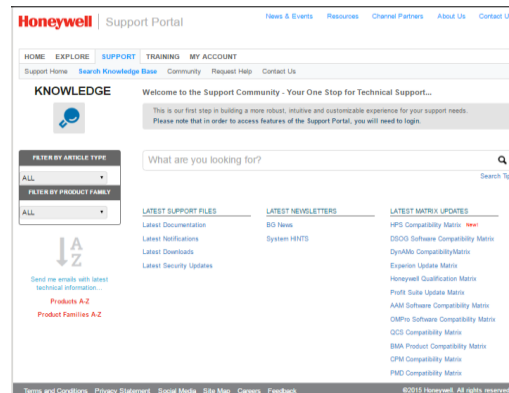
Contents

| | |
|-----------------------------------------------------------------------------------------------------------|----|
| Condition-Based Maintenance Service | 2 |
| Test Drive Our Remote Solutions for Free to Help Maintain Your Business Continuity | 2 |
| Platform Updates – Experion Virtualization Solutions | 3 |
| Honeywell Virtual Technology Experience, Presented by Honeywell Process Solutions, June 22-25, 2020 | 4 |
| Experion Client Server Technical Audit Document | 6 |
| Phase Out Notification – Capacity Distribution Planner | 7 |
| System Inventory Tool R300.1 Available..... | 8 |
| What is SIT and Why Do You Need It?..... | 11 |
| System Inventory Tool: Is it Safe to Use in My Control System? | 14 |
| New Product Introduction: Preventative Maintenance Data Collector | 16 |
| HPS Priority Notifications | 17 |
| Products Revisions and Support Status..... | 18 |

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](mailto:HPS.System.HINTS).

Condition-Based Maintenance Service

Due to current global uncertainties, industrial organizations must have robust business continuity plans to mitigate risks, execute maintenance activities and ensure seamless operations without unplanned shutdowns.

Plant maintenance requirements are evolving at an unprecedented pace.

Companies are trying to stay ahead of operating demands by optimizing control system performance with the latest tools and software solutions.

They seek greater productivity by leveraging higher value-add support activities and global expertise.

Most importantly, they are in search of improved profit margins and top-line growth opportunities.

Industrial organizations of all sizes benefit from technology to create a proactive and preventive maintenance model.

Honeywell's Condition-Based Maintenance service enables an effective approach to reduce unplanned maintenance, optimize remote maintenance to decrease mean time to resolution, and free up time for maintenance resources to focus on higher value activities.

With Honeywell's approach, operating companies can effectively allocate preventive maintenance tasks between off-site experts and a local team.

This increases the productivity and availability of key support resources while remote services are deployed to shorten the resolution time for problems and incidents.

Learn how Honeywell's solution can help you drive proactive system maintenance and sustained asset health:

- Download [Flyer](#)
- Read [Service note](#)

[Contact Us](#) for any questions or need more information.

Test Drive Our Remote Solutions for Free to Help Maintain Your Business Continuity



During these very challenging and unprecedented economic times, we want to [extend our support](#) and provide you with the best remote technologies to help keep your instruments, processes and plants running.

Effective immediately, we are offering free access and expanded usage of select products, tools, software and remote services that can help enable operational continuity.

These [30-day free trial](#) offers are valid through June 30, 2020, to any customer that needs it.

If you feel this offer could be of interest to a friend or colleague, please share.

Extended Support Offers can be accessed here: www.hwll.co/RemoteSolutions

Platform Updates – Experion Virtualization Solutions

Honeywell has released the following updates to the Premium Platform and Essentials Platform virtualization hosts. 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-PCVPP3 | Premium Platform Performance-A | Dell FC640 |
| MZ-PCVPP4 | Premium Platform Performance-B | Dell FC640 |
| MZ-PCVMM5 | Rack Server, Management Host | Dell R640XL |
| MZ-PCVM20 | Rack Server, Standard Production Host | Dell R640XL |
| MZ-PCVM21 | Rack Server, Performance-A Production Host | Dell R740XL |
| MZ-PCVM22 | Rack Server, Performance-B Production Host | Dell R740 |

The following Honeywell computing platforms and their respective accessory model numbers have been withdrawn from sale:


| Model Number | Description | Based On |
|--------------|--------------------------------------------|-------------|
| MZ-PCVPP1 | Premium Platform FC640 | Dell FC640 |
| MZ-PCVMM4 | Rack Server, Management Host | Dell R640XL |
| MZ-PCVM17 | Rack Server, Standard Production Host | Dell R640XL |
| MZ-PCVM18 | Rack Server, Performance-A Production Host | Dell R740XL |
| MZ-PCVM19 | Rack Server, Performance-B Production Host | Dell R740XL |

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

Honeywell Virtual Technology Experience, Presented by Honeywell Process Solutions, June 22-25, 2020



Time & Registration:

 **DATE**
Monday - Thursday,
June 22 - 25, 2020

[REGISTER NOW](#)

Register Today!

Dear Valued Customer,

Join us online for the Honeywell Virtual Technology Experience, June 22- 25 Live days and note that the V-platform will be open until July 3!

There is time to see it all at your own pace, yet we like to highlight our live keynotes and webinars for you to be able to have the first seats available. Registered attendees will receive log in information and calendar invites closer to the event start.

All live sessions start from 08.00 a.m Central Time onward, - exact details are shared closer to the start date of the event:

June 22

- Welcome, Remote Technology Operations, featuring Honeywell CTO Jason Urso, along with special guests Peter Davis, Graeme Laycock and Brian Reynolds
- Honeywell Forge: Your Partner in Continuity and Transformation
- Transforming the Worlds Energy Enterprise through Insights and Decarbonization

June 23

- The Future of Process Automation, featuring Honeywell CTO Jason Urso
- Unique Approach to Ensure Control System Health, Reliability and Compliance

June 24

- Experion PKS Roadmap, Modularization and Standardization on Automation Projects
- Experion Batch and Life Sciences Applications Roadmap, this session includes the option to ask questions
- Renewables & Distributed Assets, Utilize Energy Efficiently, Reliably and Improve Safety and Regulatory Compliance
- Sheet Manufacturing Overview and Roadmap Leading to Greater Efficiencies

June 25

- Migration Solutions for Continuous Innovation, with Marjorie Oschner, this session includes the option to ask questions
- Enabling Business Continuity with Industrial Grade Secure Remote Access

We will have 270 more sessions to see and experience, covering a variety of industries and topics. Do not wait any longer, [register today](#), and we see you June 22-25 online.

Your Honeywell Virtual Technology Experience organizational team

Feel free to contact us: UsersGroup@honeywell.com.
See: <https://hwl.co/VTECH>

Experion Client Server Technical Audit Document

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

Deliverables:

- Audit_ClientServer_rev48.pdf
- GTAC_CS_Companion_rev48.zip
- Word document: Audit_ClientServer_rev48.doc

List of all GTAC Technical Audit documents:

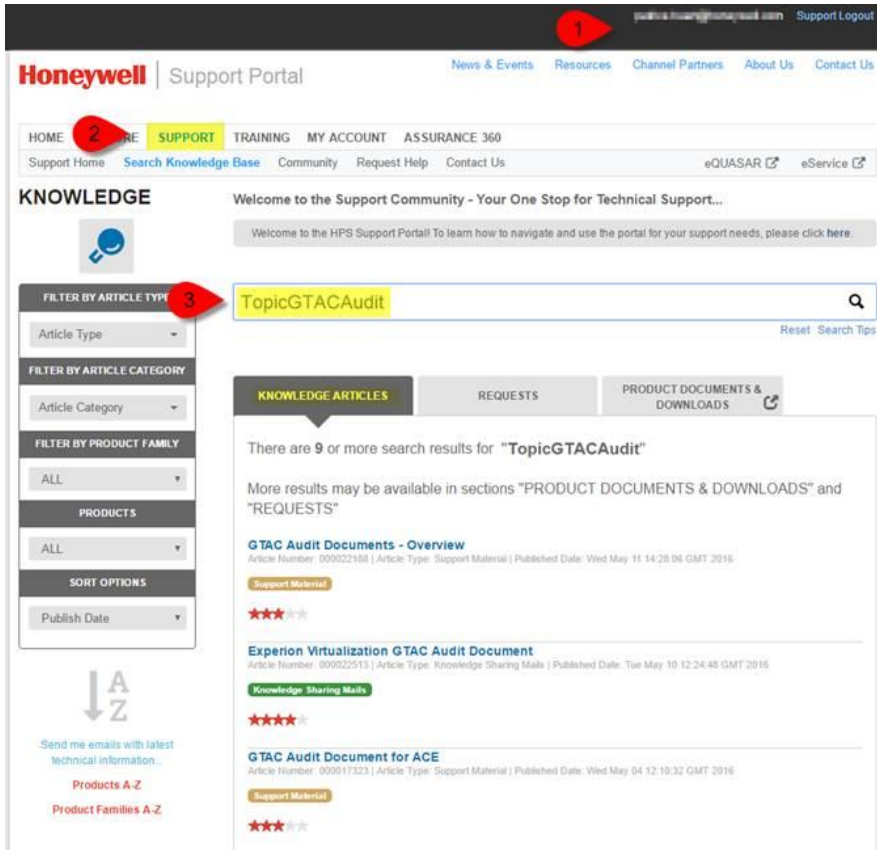
| Article # | Audit Document Title | Experion Scada | Experion with CDA points | Experion with TPS points | Experion with CDA and TPS points | EAS/RESS/Esriver |
|-----------------------|-------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 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, go to the Support Section and search for “Client Server and Audit.” Then select “Experion Server Client GTAC Technical Audit Document,” which is article 65350.

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, it will also return all other GTAC Audit documents (see example below):



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



Phase Out Notification – Capacity Distribution Planner

Honeywell announces withdrawal of **Capacity Distribution Planner** from sales, starting 30th April 2020. However, product support will be available till *Dec 2022*;

Please reach out to your account manager for more information and to discuss specific support / migration solutions.

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

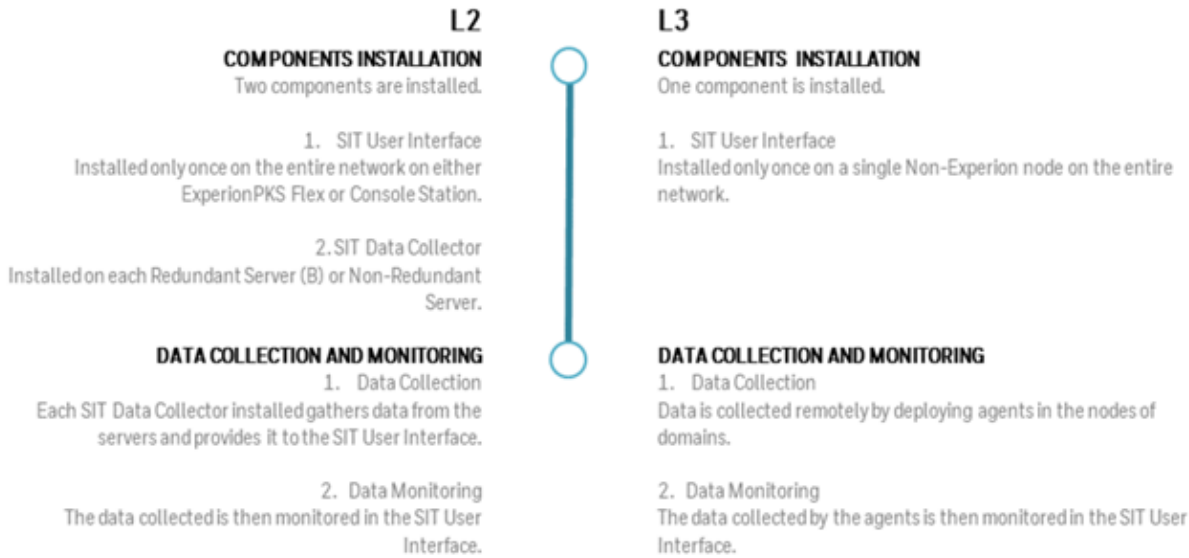
Installation

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 are just a mouse click away. And did we mention it's free? That's right—Honeywell offers this to all our customers at no cost. No contract or service plan of any kind is required.

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.

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 | [redacted] |
| 236IOLINK_1A | DI_HV_19 | CC-PDIH01 | 19A | C | 04.01.03 | 04.01.08 | [redacted] |
| 236IOLINK_1A | DO_24B_33 | CC-PDOB01 | 33A | G | 04.01.03 | 04.01.08 | [redacted] |
| 236IOLINK_1A | DO_24B_32 | CC-PDOB01 | 32A | G | 04.01.03 | 04.01.08 | [redacted] |
| 236IOLINK_1A | DI_HV_22 | CC-PDIH01 | 22A | C | 04.01.03 | 04.01.08 | [redacted] |
| 236IOLINK_1A | DO_24B_31 | CC-PDOB01 | 31A | G | 04.01.03 | 04.01.08 | [redacted] |
| 236IOLINK_1A | DI_HV_25 | CC-PDIH01 | 25A | C | 04.01.03 | 04.01.08 | [redacted] |
| 236IOLINK_1A | DI_HV_24 | CC-PDIH01 | 24A | C | 04.01.03 | 04.01.08 | [redacted] |
| 236IOLINK_1A | DI_HV_21 | CC-PDIH01 | 21A | C | 04.01.03 | 04.01.08 | [redacted] |

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).

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>

New Product Introduction: Preventative Maintenance Data Collector

Do you have a maintenance agreement with Honeywell? Then this message is for you!

Introducing the new automated Preventative Maintenance Data Collector.

The Preventative Maintenance (PM) Data Collector automates the traditionally manual activity of checking and documenting system status (preventive maintenance) information.

By automating the pass/fail preventive maintenance checks, customers can now run these checks without any assistance or on-site personnel from Honeywell.

How does it work?

The application automates the collection of PM data and creates an encrypted output file which is then emailed to Honeywell for analysis and output file generation. See Installation and User's Guide, included with the software, for more details.

Which assets are supported?

The PM Data Collector will support C200, C300 FIM, Servers, workstations, AM, HM, HPM, NIM, LCN, and UCN assets and systems.

How do I obtain the software?

Please contact your account manager for details.

What is the output?

The output, which consists of two spreadsheets and some output files containing system audit and diagnostic data, includes system performance parameters, as well as patch and installed application information.

One spreadsheet will contain raw parameter data, and the other will include disposition of the PM tasks which can be determined automatically.

These are encrypted and packaged into an output file. Once created, the output file is emailed to Honeywell for processing.

What is included with the software?

The .zip file contains the Software Change Notification, an Installation and User's Guide, and a Service Note. The Service Note outlines the process to be followed to collect and submit the data files.

| File | Purpose |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Setup.exe | PM Data Collector installation package |
| PM Data Collector - Installation and Users Guide.pdf | Installation and User's Guide; must read to install properly |
| PM Data Collector - SCN | Software Change Notice – details about the program and calls out known issues and any PM tasks not supported today |

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 |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|--------------|
| PN2020-12 QCS Profile display shows RedX with system out of memory exception popup on QCS R701 and R702 systems | Experion MX R701 and R702 systems | Experion MX Releases, R701.2, R702.2 | 04/22/2020 |
| PN2020-13 EtherNet/IP Communication issue after OPM | UOC, C300 EIM, C300 Direc | Experion PKS R430.x, R431.x, R432.x, R500.x, R510.x, R511.1, 511.2 | 04/22/2020 |
| PN2020-11 C300 UIO Checkpoint not successful | Experion PKS | R410 and R432 | 04/02/2020 |
| PN2020-06A Control Confirmation Auto Checked | C200/C200E, C300, ACE and their Simulation environments (CEE | R510.x; R511.1; R511.2l | 04/02/2020 |
| PN2020-10 DCS Display shows ST800 FF Models as ST700 | SmartLine ST800 Fieldbus | Communication Firmware 1.040100 | 03/16/2020 |
| PN2020-09 Ethernet Interface Module may unexpectedly fail during normal operation | CC-PEIM01 - Series C Ethernet Interface Module | Experion PKS Releases R500, R501, R510 | 03/11/2020 |

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 | R321.12 | 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 |
| 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 | Standalone Software |
| ControlEdge 2020 R15x | R151.1 | 2018-11 | Supported | Standalone Software |
| ControlEdge 2020 R16x | R160.2 | 2019-12 | Supported | Standalone Software |
| ControlEdge 2020 R16x | R161.1 | 2020-04 | Current | Standalone Software |
| ControlEdge HC900 R60x | R600.1 | 2014-04 | Supported | Standalone Software |
| ControlEdge HC900 R62x | R620.1 | 2016-09 | Supported | Standalone Software |
| ControlEdge HC900 R63x | R630 | 2017-04 | Supported | Standalone Software |
| ControlEdge HC900 R65x | R650 | 2018-06 | Supported | Standalone Software |
| ControlEdge HC900 R66x | R660.2 | 2018-12 | Supported | Standalone Software |
| ControlEdge HC900 R70x | R700 | 2019-12 | Current | Standalone Software |
| ControlEdge PLC R15x | R151.1 | 2018-11 | Supported | Standalone Software |
| ControlEdge PLC R15x | R152.1 | 2019-04 | Supported | Standalone Software |
| ControlEdge PLC R16x | R160.2 | 2019-12 | Supported | Standalone Software |
| ControlEdge PLC R16x | R161.1 | 2020-04 | Current | Standalone Software |
| DynAMo Alerts & Notifications (A&N) R200 | UA R321.2 | 2013-10 | Supported | Standalone Software |
| DynAMo Documentation & Enforcement (D&E) R200 | ACM R321.12 | 2016-05 | Supported | Standalone Software |
| DynAMo Metrics & Reporting (M&R) R200 | R202.1 | 2017-03 | 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) 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 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 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 | Supported | Standalone Software |
| Intuition KPI R11x | R110.1 | 2014-05 | Supported | Standalone Software |
| OptiVision R54x | R541.1 | 2012-01 | Supported | Software Package |
| OptiVision R56x | R560.2 | 2014-08 | Supported | Software Package |
| OptiVision R600x | R600.1 | 2019-10 | Current | Software Package |
| 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 R90x | R900.2 | 2017-02 | Supported | System Software |
| PMD R91x | R910.2 | 2018-12 | Supported | System Software |
| PMD R91x | R910.3 | 2020-05 | 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 | R501.3 | 2018-05 | Supported | Software Package |
| Profit Blending and Movement R510.y | R510.2 | 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 | 2014-12 | Supported | Standalone Software |
| Quality OptiMiser R560x | R560.1 | 2017-11 | Current | Standalone Software |
| Quality OptiMiser for QCS R560x | R550.2 | 2017-11 | Discontinued | 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 | Standalone Software |
| RTU2020 R12x | R120.1 | 2016-05 | Supported | Standalone 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 | R162.4 | 2014-10 | Current | System Software |
| Safety Manager SC R20x | R201.2 | 2018-08 | Current | System Software |
| Secure Media Exchange (SMX) | 104.6 | 2017-08 | 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 R201.2 | R201.2 | 2020-01 | 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 | 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 | Supported | Standalone Software |
| Uniformance Executive R32x | R320.1 | 2018-09 | 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 | R460.1 | 2018-04 | Supported | Standalone Software |
| UniSim Competency Suite | R461.1 | 2019-01 | Supported | Standalone Software |
| UniSim Competency Suite | R470.1 | 2020-01 | Current | Standalone Software |
| UniSim Design | R460 | 2018-01 | Supported | Standalone Software |
| UniSim Design | R461.1 | 2019-04 | Supported | Standalone Software |
| UniSim Design | R470 | 2019-10 | Current | 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.