

HONEYWELL INFORMATION, NEWS, AND TIPS



AUGUST 2021

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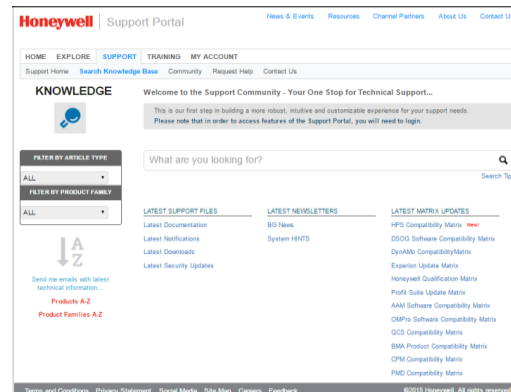
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2021 Virtual Honeywell Users Group Tech Talks

The 2021 Virtual Honeywell Users Group Tech Talks platform is now closed. Did you miss it? Feel free to reach out to your Honeywell sales manager and ask him/her about HUG. Perhaps he/she can show you exclusive information on the latest Honeywell technology.

The HUG Organizational Team.

2021 Industrial Cybersecurity USB Threat Report Now Available

This report attempts to shed new light on the industrial cybersecurity threats associated with USB removable media through analysis of data specific to this vector and specific to industrial control/OT environments.

USB-borne malware is clearly being leveraged as part of larger cyber-attack campaigns against industrial targets and has adapted to take advantage of how leveraging the ability of USB removable media to circumvent network defenses and bypass the air gaps upon which many of these facilities depend upon for protection.

A few key takeaways below, find more in the [Honeywell Industrial Cybersecurity USB Threat Report 2021](#)

- ✓ 79% of threats capable of disrupting OT (up from 59%)
- ✓ 52% were designed to establish remote access
- ✓ 2020 saw an increase in the use of USB media by 30% over 2019

Semiconductor Supply Status and Update

Ensuring product availability to meet our customers' schedules is always a top priority for Honeywell.

Currently, the semiconductor industry is incurring significant material shortages, negatively impacting global supply chains and causing delivery delays.

As a result of these shortages, a broad range of industries – from consumer electronics and automotive to industrial control – are experiencing delays.

Honeywell is among the many companies experiencing constraints in electronic component supply, which are causing longer than normal lead times across our portfolio of process control solutions. We are working closely with our suppliers to safeguard product component supplies and minimize the impact of semiconductor shortages on our customers.

Honeywell recommends ordering equipment well in advance of critical plant migrations, upgrades, and expansions to ensure sufficient time for all project activities, including staging, acceptance testing, and commissioning.

Our account teams will work with you to ensure that project plans incorporate longer lead times so you can plan your ordering needs with confidence.

We are committed to your success and will work closely with you to ensure the best possible outcomes for your automation initiatives.

Matrox Extio Remote Peripheral Solutions (RPS) Announcement

Honeywell has released support for the Matrox Extio 3 RPS solution.

This product replaces the Matrox Extio 2 RPS solution and provides video and select peripheral device connectivity to remotely mounted physical workstations using a dedicated fiber optic cable. The Matrox Extio 3 RPS installation kit provides connectivity for:

- Up to four full HD displays for desktop configurations
- Orion Console support for the UHD display and the Operator Touch Panel (OTP)
- Audio for system alarming
- Support for select USB devices including keyboards, mice, Manual Input Modules, supported touch screens, and the OEP or IKB input devices
- Installation in Honeywell Z/EZ, Classic, and Orion Console furniture

The Matrox Extio 3 components include:

- A remote graphics unit appliance that connects to displays and operator interface devices
- A transmitter appliance connected to the video card outputs from the remotely mounted workstation

The following Matrox Extio 3 model numbers have been introduced:

| Model Number | Description |
|---------------|--|
| TP-RPSF03-100 | EXTIO3 DESKTOP SINGLE-MODE SFP |
| TP-RPSF03-110 | EXTIO3 DESKTOP MULTI-MODE SFP |
| TP-RPSF03-200 | EXTIO3 ICON Z/EZ CLASSIC SINGLE-MODE SFP |
| TP-RPSF03-210 | EXTIO3 ICON Z/EZ CLASSIC MULTI-MODE SFP |
| TP-RPSF03-400 | EXTIO3 ORION SINGLE-MODE SFP |
| TP-RPSF03-410 | EXTIO3 ORION MULTI-MODE SFP |
| TP-RPSF03-901 | EXTIO3 RACK SHELF |

The Matrox Extio 2 model numbers have been withdrawn from sale:

| Model Number | Description |
|---------------|--|
| TP-RPSF02-100 | ASSY EXTIO2,DESKTOP W/ SERIAL OEP OR IKB |
| TP-RPSF02-110 | ASY EXTIO2,DESKTOP W/ USB IKB OR W/O OEP |
| TP-RPSF02-200 | ASY EXTIO2,ICON SERIES CON,W/ SERIAL OEP |
| TP-RPSF02-210 | ASSY EXTIO2,ICON SERIES CONSOLE, W/O OEP |
| TP-RPSF02-300 | ASSY EXTIO2, Z,EZ,CLASSIC SERIES CONSOLE |

Coaxial TPN Parts Last Time Buy Announcement

In System HINTS from February 2021, Honeywell notified that all TPN based coaxial nodes will be moved to Phase-out lifecycle phase on December 31, 2025 (End of Sale for TPN coaxial parts).

To enable financial planning for the upcoming End of Sale of TPN coaxial parts, Honeywell has opened End User's Last Time Buy (LTB) possibilities for parts purchase with:

- LTB orders placement start date - September 30, 2021
- LTB orders placement closure date - June 30, 2025
- Last LTB orders delivered to End User's - December 31, 2025
-

All parts shipped against the LTB orders will be newly manufactured parts.

In the period July 1, 2025 up to December 31, 2025, Honeywell will continue the supply of coax parts In case of on-site failures. based on failure replacement/exchange.

Please work with your account team If you have a committed migration approaching the deadlines.

The list of parts subject to LTB and End of Sale on December 31, 2025 are shown below:

| Node Type | Part Nos | Part Description | Node Type | Part Nos | Part Description |
|-----------------|--------------|--------------------------------------|-----------|--------------|--|
| HG | 51196655-100 | P/S DUAL NODE EC | EPLCG | 51195096-200 | PLCI I/O ADPTR |
| HG | 51403519-160 | K4SDR 16 MW | EPLCG | 51196489-002 | SCSI CBL |
| DNCF - Multiple | 51402455-100 | 2 NODE CFA | EPLCG | 51304421-200 | PWA PLCG RELAY |
| DNCF - Multiple | 51305072-200 | I/O CARD K2LCN A | EPLCG | 51196489-001 | SCSI I/F CBL |
| DNCF - Multiple | 51305072-300 | I/O CARD K2LCN B | HG | 30732052-001 | PLUG TERMINATOR |
| DNCF - Multiple | 51308093-300 | PWR CORD 120V EC 35 | HG | 51308111-002 | CABLE SET 2M |
| DNCF - Multiple | 51306194-400 | BRACKET, CAB REAR RAIL 4U LCN RITTAL | XLCNE | 51305508-500 | PWA, XLCNE2 I/O MULTI- 4 MODE NON-CE |
| DNCF - Multiple | 51305451-400 | POWER CORD | XLCNE | 51305508-600 | PWA, XLCNE2 I/O MULTI- 4 MODE CE |
| DNCF - Multiple | 51196041-100 | LCN BNC TEE SET | XLCNE | 51305508-700 | PWA, XLCNE2 I/O SING- 4 MODE NON-CE |
| DNCF - Multiple | 51308093-500 | CBL, AC PWR 48 | XLCNE | 51305508-800 | PWA, XLCNE2 I/O SING- 4 MODE CE |
| DNCF - Multiple | 51308094-300 | [PWR CORD 220V | HPM | 51307190-150 | ASSY HPM I/O LINK CC |
| DNCF - Multiple | 51308094-500 | PWR 240V CBL CLASSIC FURN | HPM | 51402573-450 | UCNIF Module Assy COATED |
| ETN | 51454196-200 | ETNI PWA | HPM | 51403988-150 | PWA HPM COMM CONTROL CC |
| ETN | 51306816-100 | EPNI2 I/O | PC nodes | 51201994-100 | LCNP4 |
| UCN Extender | 51305450-400 | AC PWR CORD 4FT | PC nodes | 51454493-126 | LCNP4E2 |
| UCN Extender | 51305413-100 | FIBER OPTIC FRONT PANEL | PC nodes | 51454493-226 | XLCNP4E2 |
| UCN Extender | 51305409-500 | FIBER OPTIC AC POWER CORD 120VAC | FSC node | 10001/R/1 | Vertical bus driver (VBD) CC |
| UCN Extender | 51305410-500 | POWER CORD | FSC node | 10005/1/1 | 10005/1/1CC Watchdog mod. incl.10005/O/3 |

| | | | | | |
|--------------|--------------|---------------------------------------|----------|-----------|--|
| UCN Extender | 51190896-200 | CABLE SET | FSC node | 10006/2/1 | Diagnostic and battery module (DBM) CC |
| UCN Extender | 51305450-500 | AC PWR CORD 5FT | FSC node | 10006/2/2 | Diagnostic and battery module DBM-DCF CC |
| UCN Extender | 51197040-500 | UPPER CARDFILE UPGRADE KIT GUS/INTEL | FSC node | 10007/1/1 | Single Bus Driver (SBD) CP IO CC |
| UCN Extender | 51197040-600 | GUS/INTEL LWR CRDFLE | FSC node | 10018/2/U | FSC Safety Manager module (FSC-SMM) CC |
| SBHM | 51403698-100 | SBHM MOTHERBOARD ASSY | FSC node | 10018/E/1 | FSC PlantScape Ethernet connection CC |
| SBHM | 51403645-600 | DRIVE ASSEMBLY ONLY | FSC node | 10020/1/1 | Quad processor module (QPM) CC |
| EPLCG | 51400997-275 | PWA, Redesigned EPLCI, Coated | FSC node | 10020/1/2 | Quad processor module (QPM) CC |
| EPLCG | 51304812-200 | EPLCI I/O ADAPTR | FSC node | 10024/F/F | Enhanced COM module 2x RS232 CC |
| EPLCG | 51308106-100 | RS232 CABLE 50FT | FSC node | 10024/H/F | Enhanced COM module int.CP+RS232 CC |
| NG | 51306673-200 | PWA NGI | FSC node | 10024/H/I | Enhanced COM module int.CP + RS422/485 |
| EPLCG | 51196074-100 | EPLCG INT CABLE | FSC node | 10024/I/F | Enhanced COM module RS422/485 + RS232 CC |
| EHB | 51454196-300 | Experion Hiway Bridge Interface, EHBI | FSC node | 10024/I/I | Enhanced COM module 2x RS422/485 |
| EHB | 51306816-200 | EPNI2 I/O | FSC node | 10300/1/1 | 24 Vdc to 5 Vdc/12 A converter CC |
| AM | 51403519-260 | XK4SDR 16 MW | FSC node | 10311/2/1 | Dual Key-Switch RESET/FORCE ENABLE CC |
| AM | 51403519-166 | K4SDR 16 MW | FSC node | 4220167 | NH Battpack 3Vhtaa Saft 3.6V/1.1Ah+C25PN |
| AM | 51306803-100 | PWA, Enhanced AMR II | FSC node | S12-BUS | Central Part system bus (12 slots) |
| AM | 51304159-200 | AMRED I/O | FSC node | S17-BUS | Central Part system bus (17 slots) |
| AM | 51304197-200 | CABLE AM/TPDG/WSI | FSC node | S7-BUS | Central Part system bus (7 slots) |
| AM | 51196488-101 | AM RED CBL | FSC node | 0018/E/E | FSC PlantScape 2xEthernet connection CC |
| ENIM | 51454196-100 | EPNI2 | | | |

For more information and support related to this announcement, please contact your account manager.

Dell R740XL (MZ-PCSV65) – End of Sale Availability for Microsoft Windows Server 2008 R2

Dell is retiring the H730P PowerEdge RAID Controller (PERC) used on the Honeywell Dell R740XL configuration (model number MZ-PCSV65). This transition is due to an unexpected subcomponent obsolescence issue, and it is estimated that systems sold on or after October 1, 2021, will contain the next-generation PERC. The replacement PERC for MZ-PCSV65 will not support the legacy Microsoft Windows Server 2008 R2 operating system used on the phased-out Experion PKS R43x and Experion PKS R410 systems.

The computing industry does not provide support for the legacy Microsoft Windows Server 2008 R2 operating system on the latest hardware platforms, and with this transition, Honeywell will no longer be able to provide new server platforms for the legacy operating system and associated phased-out Experion PKS releases. System users requiring continued access to hardware for phased-out releases are encouraged to investigate the available offerings with Honeywell's Certified Recycle Parts (CRP) program.

Remote Migration Services provide an excellent choice for system modernization with reduced risks and less onsite migration activity to get to a current Experion PKS release. This PERC transition will not affect MZ-PCSV65 compatibility with the currently supported versions of Experion PKS, and an updated release of the Experion PKS System Initialization Media will be issued to provide driver support for the next-generation PERC platforms.

System Inventory Tool (SIT) R300.1 Offered

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

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

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

New with R300.1:

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

Appendix A

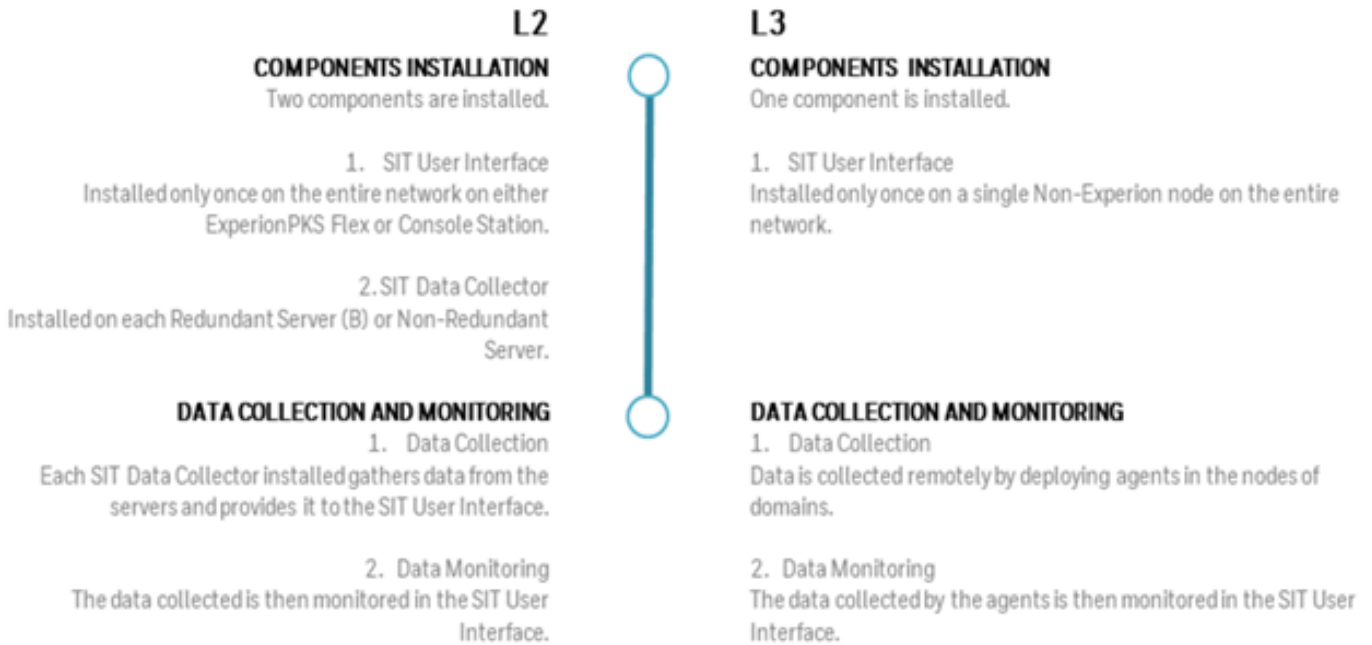
Matrikon Data Manager
Matrikon Desktop Historian
Matrikon OPC Server for GE Turbines
Matrikon OPC Funnel
Matrikon OPC Security Gateway
Matrikon OPC Server for Allen Bradley
Matrikon OPC Server for APACS Direct
Matrikon OPC Server for BACNet
Matrikon OPC Server for Bailey DCS [Infi 90]
Matrikon OPC Server for Citect
Matrikon OPC Server for Foxboro DCS
Matrikon OPC Server for GDA [ODBC]
Matrikon OPC Server for GE PLCs
Matrikon OPC Server for IEC 61850/61400-25
Matrikon OPC Server for IP21
Matrikon OPC Server for Johnson Controls N2
Matrikon OPC Server for KNX
Matrikon OPC Server for LonWorks LNS
Matrikon OPC Server for MarkV Direct
Matrikon OPC Server for MarkVI Direct
Matrikon OPC Server for Mitsubishi PLCs
Matrikon OPC Server for Modbus
Matrikon OPC Server for Moore APACS (API)
Matrikon OPC Server for Omni Flow Computers
Matrikon OPC Server for Omron
Matrikon OPC Server for OpenBSI
Matrikon OPC Server for ProRAE
Matrikon OPC Server for Provox (Direct)
Matrikon OPC Server for ROC
Matrikon OPC Server for RS3 RNI
Matrikon OPC Server for SCADA DNP3
Matrikon OPC Server for SCADA IEC 60870
Matrikon OPC Server for SCADA Modbus
Matrikon OPC Server for SCADA MOSCAD
Matrikon OPC Server for Siemens PLCs
Matrikon OPC Server for SNMP
Matrikon OPC Server for Vestas
Matrikon OPC Server for Wonderware InSQL (Wonderware Historian)
Matrikon OPC Server for Wonderware Intouch
Matrikon ORB
Matrikon OPC UA Tunneller - UA Proxy Component / UA Proxy
Matrikon OPC UA Tunneller - UA Wrapper Component / UA Wrapper

Installation

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

Functionality of SIT on L2 and L3

Key features & differences on both levels



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 |

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 |

| | |
|---|----------------|
| 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 R515 |

| | | |
|------|---------|--------|
| R6xx | R 400.8 | R300.1 |
| R7xx | R5xx | R300.1 |

What is SIT and Why is it Needed?

Overview

The 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 after year, making future contract renewals faster and easier.

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

Better Management of Risks

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

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

Compliance and Continuous Evolution of Control Systems

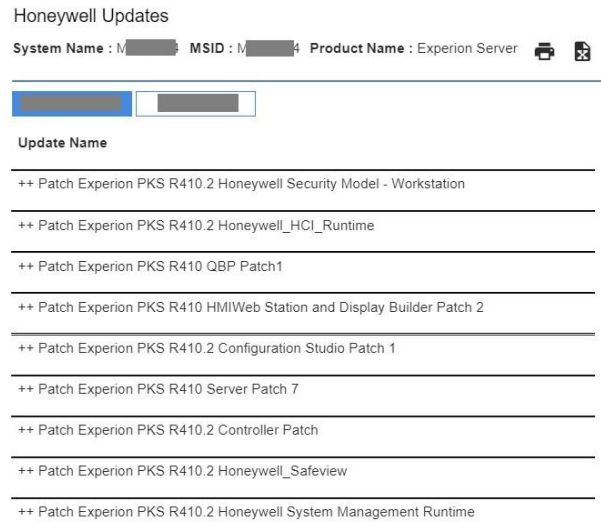
With the asset topology feature found in the System Inventory Portal, users have insight into the hardware components in each control system, thus avoiding lengthy delays to gather the right information when the system needs to be supported or expanded.

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

Migrations

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

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



Quickly Locate Assets

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

What Can the Collected Asset Data Tell You?

Keeping track of the patches and updates installed on servers and stations can be a time-consuming task. It requires logging into each server or node and checking through the control panel to see which patches and updates have been installed.

Now, if you've run the SIT and uploaded an asset inventory file to the portal, just click on the server or console station and a complete list of all installed applications, patches and updates will be displayed in an easy-to-read table.

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

What Data Does the Tool Collect?

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

How Can You View Your Data?

The System Inventory Portal allows customers and certain Honeywell account managers to see their account asset data. Within the portal, users can see all servers, stations, controllers, nodes, and switch hardware, as well as detailed information about each. Depending on which asset they're viewing, they can see the serial number, F/W, BIOS, installed software, support status, and much more.

Series C I/O
System Name : M-MSID : M-

| 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 | 3 |
| 236IOLINK_1A | DI_HV_19 | CC-PDIH01 | 19A | C | 04.01.03 | 04.01.08 | 5 |
| 236IOLINK_1A | DO_24B_33 | CC-PDOB01 | 33A | G | 04.01.03 | 04.01.08 | 1 |
| 236IOLINK_1A | DO_24B_32 | CC-PDOB01 | 32A | G | 04.01.03 | 04.01.08 | 3 |
| 236IOLINK_1A | DI_HV_22 | CC-PDIH01 | 22A | C | 04.01.03 | 04.01.08 | 2 |
| 236IOLINK_1A | DO_24B_31 | CC-PDOB01 | 31A | G | 04.01.03 | 04.01.08 | 8 |
| 236IOLINK_1A | DI_HV_25 | CC-PDIH01 | 25A | C | 04.01.03 | 04.01.08 | 9 |
| 236IOLINK_1A | DI_HV_24 | CC-PDIH01 | 24A | C | 04.01.03 | 04.01.08 | 6 |
| 236IOLINK_1A | DI_HV_21 | CC-PDIH01 | 21A | C | 04.01.03 | 04.01.08 | 7 |

To access the portal, go to [honeywellprocess.com/support](https://www.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. No one else can ever see the data—not even other Honeywell employees.

What Data is Collected?

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

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

Used by Customers Worldwide

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

Helpful Links

[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>

Is the SIT Safe for Use with Control Systems?

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

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

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

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

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

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

| Node type | System configuration | Average additional % CPU used | Time to complete audit | Number of PCs being audited |
|-----------------|--|-------------------------------|--|--|
| ESVT – Server B | <ul style="list-style-type: none"> Dell PowerEdge R710 server (8) Processors: Intel(R) Xeon(R) CPU E5620 @ 2.40GHz Speed: 2,394 12 GB RAM | Negligible | 7 minutes 52 seconds to 11 minutes 33 seconds | 4 PCs – Server, ACE, Console Station, Flex Station |
| ESVT – Server A | <ul style="list-style-type: none"> Dell PowerEdge R710 server (8) Processors: Intel(R) Xeon(R) CPU E5620 @ 2.40GHz Speed: 2,394 12 GB RAM | 4.8% – 8.9% | 1 minute 40 seconds to 2 minutes 56 seconds | |
| EST | <ul style="list-style-type: none"> Dell Precision T5500 workstation (4) Processors: Intel(R) Xeon(R) CPU X5570 @ 2.93GHz Speed: 2,926 3 GB RAM | 2.7% – 6.5% | 1 minute 23 seconds to 2 minutes 50 seconds | |
| Flex | <ul style="list-style-type: none"> VMware virtual platform (2) Processors: Intel(R) Xeon(R) CPU X5570 @ 2.67 GHz Speed: 2,666 2 GB RAM | 7.2% - 11.9% | 4 minutes to 4 minutes 21 seconds | |
| ACE-T | <ul style="list-style-type: none"> Dell PowerEdge T610 server (8) Processors: Intel(R) Xeon(R) CPU X5560 @ 2.80GHz Speed: 2,794 4 GB RAM | 0.3% - 1.8% | 1 minute 6 seconds to 3 minutes 27 seconds | |

The System Inventory Tool and portal are available via www.honeywellprocess.com/support.
<https://www.honeywellprocess.com/library/marketing/notes/System-Inventory-Tool-Is-it-safe-for-my-control-system.pdf>

HPS Priority Notifications

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

| Document Title | Product | Rel/Rev | Date Created |
|--|---|---|--------------|
| PN2021-21 Controller failure with batch recipe reading specific parameters | Experion PKS using CEE based controllers including ACE, C200E, C300, UOC, vUOC, SIMACE, SIMC200E and SIMC300. | R511.3, 511.4 Controllers & Tools | 06/16/2021 |
| PN2021-20 TPN SILENCEB Green CF9r | CC-PCF901 (Control Firewall, CF9) | Firmware rev. PP, RR and TT (applicable to hardware revision D and later) | 06/10/2021 |
| PN2021-18A EHPM I/O Link LOC/LOV | EHPM | EHPM with Standalone Firmware or Experion Integrated Firmware | 06/09/2021 |
| PN2021-18 EHPM I/O Link LOV Possibility | EHPMs with Standalone Firmware or Experion Integrated Firmware | TPN R688.4 and TPN R688.5 | 05/26/2021 |
| PN2021-19 EHPM Loss of View possible with Standalone Firmware | EHPM with standalone firmware (a.k.a., boot-only firmware) | EHPM Factory Firmware Image of EHPM_3.0 and latest EHPM | 05/26/2021 |
| PN2021-17 FSC-FSC communication loss when responder has node number 6 | FSC System | R801.4 | 05/06/2021 |

Products Revisions and Support Status

| Latest Media Revision | Latest Patch/Update | Support Status | Functional Release - First Shipment Announcement | Software Product Category |
|---|---------------------|----------------|--|---------------------------|
| Control Performance Analytics R110x | R110.1 | Supported | 2018-12 | Standalone Software |
| Control Performance Analytics R111x | R111.1 | Current | 01/04/2020 | Standalone Software |
| Control Performance Monitor R60x | R601.3 | Supported | 2018-05 | Standalone Software |
| Control Performance Monitor R60x | R602.5 | Supported | 2020-02 | Standalone Software |
| Control Performance Monitor R60x | R603.1 | Supported | 2020-10 | Standalone Software |
| Control Performance Monitor R60x | R603.2 | Current | 01/08/2021 | Standalone Software |
| ControlEdge 2020 R14x | R140.1 | Supported | 2017-04 | Standalone Software |
| ControlEdge 2020 R15x | R151.1 | Supported | 2018-11 | Standalone Software |
| ControlEdge 2020 R16x | R160.2 | Supported | 2019-12 | Standalone Software |
| ControlEdge 2020 R16x | R161.1 | Current | 2020-04 | Standalone Software |
| ControlEdge HC900 R60x | R600.1 | Supported | 2014-04 | Standalone Software |
| ControlEdge HC900 R62x | R620.1 | Supported | 2016-09 | Standalone Software |
| ControlEdge HC900 R63x | R630 | Supported | 2017-04 | Standalone Software |
| ControlEdge HC900 R65x | R650 | Supported | 2018-06 | Standalone Software |
| ControlEdge HC900 R66x | R660.2 | Supported | 2018-12 | Standalone Software |
| ControlEdge HC900 R70x | R700 | Current | 2019-12 | Standalone Software |
| ControlEdge PLC R15x | R151.1 | Supported | 2018-11 | Standalone Software |
| ControlEdge PLC R15x | R152.1 | Supported | 2019-04 | Standalone Software |
| ControlEdge PLC R16x | R160.2 | Supported | 2019-12 | Standalone Software |
| ControlEdge PLC R16x | R161.1 | Current | 2020-04 | Standalone Software |
| DynAMo Alerts & Notifications (A&N) R200 | UA R321.2 | Supported | 2013-10 | Standalone Software |
| DynAMo Documentation & Enforcement (D&E) R200 | ACM R321.12 | Supported | 2016-05 | Standalone Software |

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|--|---------------|-----------|----------------|---------------------|
| DynAMo Metrics & Reporting (M&R) R200 | R202.1 | Supported | 2017-03 | Standalone Software |
| DynAMo Metrics & Reporting (M&R) R210.1 | R210.1 | Current | 2020-05 | Standalone Software |
| DynAMo Operations Logbook (DOL) R22x | R220.3 | Supported | 2018-06 | Standalone Software |
| DynAMo Operations Logbook (DOL) R23X | R230.2 | Supported | 2019-04 | Standalone Software |
| DynAMo Operations Logbook (DOL) R24x | R243.2 | Current | 2020-04 | Standalone Software |
| DynAMo Operations Monitoring (DOM) R22x | R220.3 | Supported | 2018-06 | Standalone Software |
| DynAMo Operations Monitoring (DOM) R23x | R230.2 | Supported | 2019-04 | Standalone Software |
| DynAMo Operations Monitoring (DOM) R24x | R243.2 | Current | 2020-04 | Standalone Software |
| Experion Backup and Restore R50x | R500.1 | Supported | 2017-04 | Software Package |
| Experion Backup and Restore R50x | R501.1 | Supported | 2017-04 | Software Package |
| Experion Backup and Restore R50x | R501.2 | Supported | 2017-04 | Software Package |
| Experion Backup and Restore R50x | R501.3 | Current | 2017-04 | Software Package |
| Experion HS R41x | R410.1 | Supported | 2013-07 | System Software |
| Experion HS R43x | R430.1 | Supported | 2015-03 | System Software |
| Experion HS R50x | R500.3 | Supported | 2017-08 | System Software |
| Experion HS R51x | R510.2 | Supported | 2018-09 | System Software |
| Experion HS R51x | R511.1 | Current | 2018-09 | System Software |
| Experion LS R30x | R300.1 | Supported | 2009-11 | System Software |
| Experion LS R40x | R400.1 | Current | 2011-06 | System Software |
| Experion LX R11x | R110.2 | Supported | 2014-09 | System Software |
| Experion LX R12x | R120.1 | Supported | 2015-03 | System Software |
| Experion LX R50x | R500.2 | Supported | 2017-11 | System Software |
| Experion LX R51x | R510.2 | Current | 2018-11 | System Software |
| Experion MX CD Controls R70x | R700.1 | Supported | 2017-03 | Software Package |
| Experion MX CD Controls R70x | R701.2 | Supported | 2018-05 | Software Package |
| Experion MX CD Controls R70x | R702.1 | Supported | 2019-06 | Software Package |
| Experion MX CD Controls R70x | R703.1 | Supported | 2021-02 | Software Package |
| Experion MX CDMV Controls R70x | R700.1 | Supported | 2017-03 | Software Package |
| Experion MX CDMV Controls R70x | R701.1 | Supported | 2018-05 | Software Package |
| Experion MX CDMV Controls R70x | R702.1 | Supported | 2019-06 | Software Package |
| Experion MX CDMV Controls R70x | R703.1 | Current | 2019-06 | Software Package |
| Experion MX MD Controls R70x | R700.1 | Supported | 2017-03 | Software Package |
| Experion MX MD Controls R70x | R701.1 | Supported | 2018-05 | Software Package |
| Experion MX MD Controls R70x | R702.1 | Supported | 2019-06 | Software Package |
| Experion MX MDMV Controls R70x | R700.1 | Supported | 2017-03 | Software Package |
| Experion MX MDMV Controls R70x | R701.3 | Supported | 2018-05 | Software Package |
| Experion MX MDMV Controls R70x | R702.1 | Supported | 2019-06 | Software Package |
| Experion MX MDMV Controls R70x | R703.1 | Current | 2021-02 | Software Package |
| Experion MX/MXProLine R70x | R700.5 | Supported | 2017-03 | System Software |

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|---|----------------|-----------|------------|---------------------|
| Experion MX/MXProLine R70x | R701.4 | Supported | 2018-05 | System Software |
| Experion MX/MXProLine R70x | R702.3 | Supported | 2019-06 | System Software |
| Experion MX/MXProLine R70x | R703.1 | Current | 2020-12 | System Software |
| Experion PKS R50x | R501.4 | Supported | 2018-12 | System Software |
| Experion PKS R50x | R501.6 | Supported | 2019-10 | System Software |
| Experion PKS R51x | R510.1 | Supported | 2018-08 | System Software |
| Experion PKS R51x | R510.2 | Supported | 2019-03 | System Software |
| Experion PKS R51x | R511.3 | Supported | 2020-04 | System Software |
| Experion PKS R51x | R511.4 | Current | 2020-12 | System Software |
| Fail Safe Controller R71x | R710.9 | Supported | 2011-07 | System Software |
| Fail Safe Controller R80x | R801.4 | Current | 2014-10 | System Software |
| Field Device Manager R50x | R500.1 | Supported | 2017-03 | Standalone Software |
| Field Device Manager R50x | R501.4 | Supported | 2017-03 | Standalone Software |
| Field Device Manager R51x | R511.5 | Current | 2019-09 | Standalone Software |
| Forge Blending and Movement R520.y | R520.1 | Current | 2021-08 | Software Package |
| Forge Cybersecurity Suite-Enterprise Core and Premium | R201.1 | Supported | 2020-06 | Standalone Software |
| Forge Cybersecurity Suite-Enterprise Core and Premium | R203.1 | Supported | 2021-02 | Standalone Software |
| Forge Cybersecurity Suite-Enterprise Core and Premium | R204.1 | Current | 2021-06 | Standalone Software |
| Forge Cybersecurity Suite-Site | R201.1 | Supported | 2020-06 | Standalone Software |
| Forge Cybersecurity Suite-Site | R203.1 | Supported | 2021-02 | Standalone Software |
| Forge Cybersecurity Suite-Site | R204.1 | Current | 2021-06 | Standalone Software |
| Honeywell Forge Inspection Rounds | R4 | Supported | 01/07/2021 | Standalone Software |
| Honeywell Forge Inspection Rounds | R5 | Current | 01/11/2021 | Standalone Software |
| Honeywell Forge Worker Assist | 1.X | Current | 2021-03 | Standalone Software |
| Honeywell Trace R130 | R130.1 Patch 2 | Supported | 2019-03 | Standalone Software |
| Honeywell Trace R140 | R140.1 | Current | 2020-06 | Standalone Software |
| Immersive Competency | R100.1 | Current | 2018-07 | Standalone Software |
| Integrated Automation Assessment R15x | R150.1 | Supported | 2018-02 | Standalone Software |
| Integrated Automation Assessment R16x | R160.1 | Supported | 2019-12 | Standalone Software |
| Integrated Automation Assessment R17x | R170.3 | Current | 2020-09 | Standalone Software |
| OptiVision R540x | R540.1 | Supported | 2012-01 | Software Package |

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|--|-----------------------|-----------|-------------------|---|
| OptiVision R541x | R541.2 | Supported | 2014-08 | Software Package |
| OptiVision R600x | R600.2 | Current | 2019-10 | Software Package |
| PlantCruise R10x | R100.3 | Supported | 2013-07 | System Software |
| PlantCruise R11x | R110.2 | Supported | 2014-09 | System Software |
| PlantCruise R12x | R120.1 | Supported | 2015-03 | System Software |
| PlantCruise R50x | R500.1 | Supported | 2017-11 | System Software |
| PlantCruise R51x | R510.2 | Current | 2018-11 | System Software |
| PMD R90x | R900.2 | Supported | 2017-02 | System Software |
| PMD R90x | R900.3 | Supported | 2020-10 | System Software |
| PMD R91x | R910.2 | Supported | 2018-12 | System Software |
| PMD R91x | R910.3 | Current | 2020-05 | System Software |
| Predict-Amine | R4.0 | Supported | 2017-09 | Standalone Software |
| Predict-Crude | R2.0 | Supported | 2015-09 | Standalone Software |
| Predict-O&G | R7.1 | Supported | 2018-09 | Standalone Software |
| Predict-Pipe | R5.0 | Supported | 2018-12 | Standalone Software |
| Predict-RT | R140 | Supported | 2019-06 | Standalone Software |
| Predict-SA | R2.0 | Supported | 2014-12 | Standalone Software |
| Predict-SW (Sour Water) | R4.0 | Supported | 2018-12 | Standalone Software |
| Procedure Analyst R41x | R410.0 | Supported | 2013-01 | Standalone Software |
| Procedure Analyst R43x | R430.1 | Supported | 2015-06 | Standalone Software |
| Procedure Analyst R50x | R500.2 | Supported | 2017-03 | Standalone Software |
| Procedure Analyst R51x | R511.1 Patch 1 | Current | 2020-09 | Standalone Software on Experion PKS Media |
| Process Safety Analyzer | R115 | Supported | 2017-06 | Standalone Software |
| Process Safety Analyzer R200 | R201.2 | Current | 2020-02 | Standalone Software |
| Profit Blending and Movement R500.y | R500.2 | Supported | 2016-11 | Software Package |
| Profit Blending and Movement R501.y | R501.3 | Supported | 2018-05 | Software Package |
| Profit Blending and Movement R510.y | R510.3 | Supported | 2019-09 | Software Package |
| Profit Suit R50x | R502.1 | Supported | 2019-12 | Standalone Software |
| Profit Suit R51x | R510.1 | Supported | 2020-07 | Standalone Software |
| Profit Suit R51x | R511.1 | Current | 01/08/2021 | Standalone Software |
| Quality OptiMiser R540x | R540.1 | Supported | 2010-10 | Standalone Software |

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|---|----------------|-----------|---------|---------------------|
| Quality OptiMiser R550x | R550.2 | Supported | 2014-12 | Standalone Software |
| Quality OptiMiser R560x | R560.1 | Current | 2017-11 | Standalone Software |
| Risk Manager R170 | R170.1 Patch 3 | Supported | 2018-03 | Standalone Software |
| RTU2020 R11x | R110.1 | Supported | 2015-06 | Standalone Software |
| RTU2020 R12x | R120.1 | Supported | 2016-05 | Standalone Software |
| Safety Historian R20x | R202.1 | Current | 2014-03 | System Software |
| Safety Manager R14x | R146.2 | Supported | 2010-05 | System Software |
| Safety Manager R15x | R154.4 | Supported | 2012-04 | System Software |
| Safety Manager R16x | R162.6 | Current | 2014-10 | System Software |
| Safety Manager SC R20x | R201.2 | Supported | 2018-08 | System Software |
| Safety Manager SC R21x | R210.4 | Current | 2020-06 | System Software |
| Secure Media Exchange (SMX) | 104.6 | Current | 2017-08 | Standalone Software |
| Socrates | R10.0 | Supported | 2019-03 | Standalone Software |
| Symphonite Integration and Analytics R200x | R200.2 | Supported | 2017-07 | Standalone Software |
| Symphonite Integration and Analytics R201x | R201.2 | Current | 2020-01 | Standalone Software |
| Symphonite Production Accounting & Reconciliation | R200.1 | Supported | 2015-08 | Standalone Software |
| Symphonite Production Accounting & Reconciliation | R201.2 | Supported | 2015-08 | Standalone Software |
| Symphonite Production Accounting & Reconciliation | R210.1 | Current | 2019-02 | Standalone Software |
| Symphonite RPMS | R510.1.8 | Supported | 2018-12 | Standalone Software |
| System Inventory Tool R22x | R220.1 | Supported | 2017-09 | Standalone Software |
| System Inventory Tool R23x | R230.1 | Supported | 2018-05 | Standalone Software |
| System Inventory Tool R23x | R230.2 | Supported | 2018-05 | Standalone Software |
| System Inventory Tool R23x | R230.3 | Supported | 2018-05 | Standalone Software |
| System Inventory Tool R30x | R300.1 | Current | 2019-09 | Standalone Software |
| System Performance Analyzer R130 | R130.1 | Supported | 2020-06 | Standalone Software |
| System Performance Analyzer R140 | R140.1 | Current | 2021-02 | Standalone Software |
| Taiji PID 310x | R310.1 | Supported | 2016-01 | Standalone Software |
| Taiji PID 320x | R320.1 | Current | 2021-04 | Standalone Software |

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|--|----------------|-----------|-------------------|---------------------|
| TCMI R10x | R100.5 | Current | 2017-11 | System Software |
| TPN (AM) CLM R36x | R360.12 | Supported | 2002-01 | System Software |
| TPN R685.x | R685.4 | Supported | 2016-06 | System Software |
| TPN R686.x | R686.4 | Supported | 2016-10 | System Software |
| TPN R687.x | R687.5 | Supported | 2018-02 | System Software |
| TPN R687.x | R687.6 | Supported | 2018-02 | System Software |
| TPN R688.x | R688.4 | Supported | 2019-01 | System Software |
| TPN R688.x | R688.5 | Supported | 2019-01 | System Software |
| TPN R688.x | R688.6 | Current | 2019-01 | System Software |
| TPS (APP) CLM R20x | R200.2 | Supported | 2012-07 | System Software |
| TPS Builder R43x | R430.1 | Supported | 2016-05 | Software Package |
| Uniformance Asset Sentinel R51x | R511 | Supported | 01/10/2017 | Standalone Software |
| Uniformance Asset Sentinel R52x | R520.7 | Supported | 01/07/2019 | Standalone Software |
| Uniformance Asset Sentinel R52x | R520.X | Supported | 01/07/2019 | Standalone Software |
| Uniformance Asset Sentinel R53x | R531.1 | Supported | 01/08/2020 | Standalone Software |
| Uniformance Asset Sentinel R53x | R531.4 | Current | 01/04/2021 | Standalone Software |
| Uniformance Executive R31x | R311.1 | Supported | 2018-03 | Standalone Software |
| Uniformance Executive R32x | R320.1 | Current | 2018-09 | Standalone Software |
| Uniformance Insight R20x | R200.1 | Supported | 2018-06 | Standalone Software |
| Uniformance Insight R21x | R210.1 | Supported | 2019-09 | Standalone Software |
| Uniformance Insight R22x | R220.1 | Current | 2020-09 | Standalone Software |
| Uniformance KPI R12x | R121.1 | Supported | 2017-05 | Standalone Software |
| Uniformance KPI R13x | R130.1 | Supported | 2018-03 | Standalone Software |
| Uniformance KPI R13x | R131.1 | Current | 2019-11 | Standalone Software |
| Uniformance PHD R34x | R340.1 | Supported | 2017-10 | Standalone Software |
| Uniformance PHD R40x | R400.1 | Supported | 2019-06 | Standalone Software |
| Uniformance PHD R41x | R410.1 | Current | 2021-03 | Standalone Software |
| Uniformance Process Studio R32x | R322.2 | Supported | 2016-09 | Standalone Software |
| Uniformance Process Studio R32x | R323.1 | Current | 2020-04 | Standalone Software |
| UniSim Competency Suite | R460.1 | Supported | 2018-04 | Standalone Software |

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|--------------------------------|---------------|-----------|----------------|---------------------|
| UniSim Competency Suite | R461.1 | Supported | 2019-01 | Standalone Software |
| UniSim Competency Suite | R470.1 | Supported | 2020-01 | Standalone Software |
| UniSim Competency Suite | R471.1 | Current | 2020-10 | Standalone Software |
| UniSim Design | R460.1 | Supported | 2018-01 | Standalone Software |
| UniSim Design | R461.1 | Supported | 2019-04 | Standalone Software |
| UniSim Design | R470.1 | Supported | 2019-10 | Standalone Software |
| UniSim Design | R471.1 | Supported | 2020-10 | Standalone Software |
| UniSim Design | R480.1 | Supported | 2020-10 | Standalone Software |
| UniSim Design | R481 | Current | 2021-06 | Standalone Software |
| Web Order Services 54x | R540.1 | Current | 2014-08 | Standalone Software |

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

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

Definitions:

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

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

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