

HONEYWELL INFORMATION, NEWS, AND TIPS



NOVEMBER 2021

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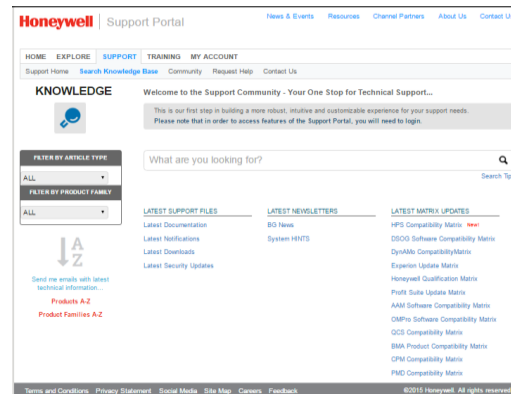
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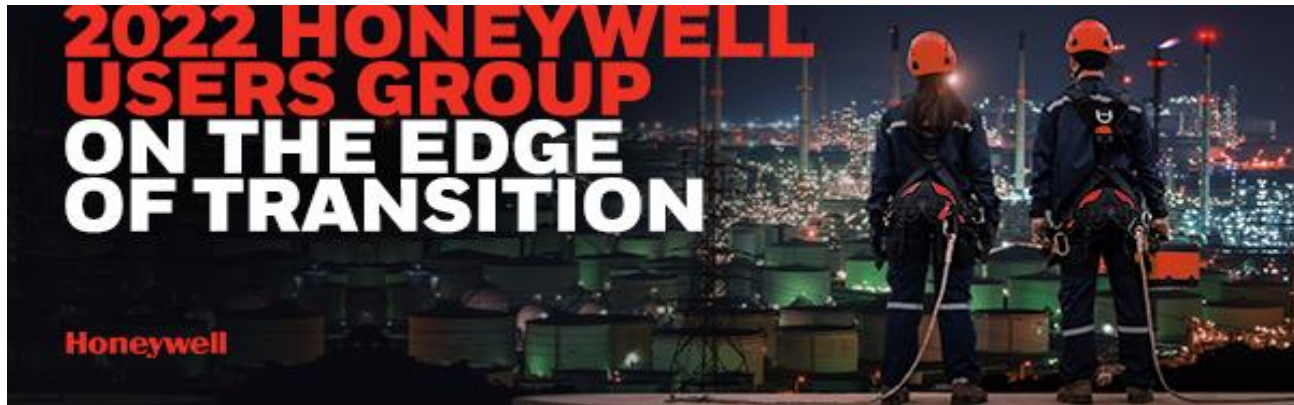


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Save the date: May 23-26, for the Honeywell Users Group Americas Symposium

Save the date: May 23-26, for the Honeywell Users Group Americas Symposium at JW Marriott Grande Lakes Orlando, Florida, USA



The world is changing fast and so are its demands. We find ourselves in the midst of an era where the focus must be not only on performance, yet on a successful transition to a livable world. A world we all want to make better by challenging the traditional, and focusing on connected, more sustainable solutions.

We like to therefore share the 2022 global Honeywell Users Group theme with you:

ON THE EDGE OF TRANSITION

The AMERICAS HUG Steering Committee is looking forward to your papers.

Share your Honeywell solution or implementation success, during the 45th in-person Honeywell Users Group Americas Conference, and we will waive your conference registration fee.

This advantage can save you up to 1,295 USD!

Your presentation can be industry or solution specific. Feel free to fill out your details and abstract online before April 8.

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and mark your calendar for 2022 HUG Americas. [Stay connected on our HUG website](#) and or for any further inquiries feel free to contact: usersgroup@honeywell.com.

The 2022 Honeywell Users Group organizational team.

Honeywell Forge Inspection Rounds

Honeywell Forge Inspection Rounds Release 7 will be available to customers on our Honeywell hosted cloud in November 2021. *Please note this announcement is for both the Honeywell Hosted offering as well as the on-premises offering.*

Inspection Rounds optimizes field operations by enabling:

- Efficient data collection – Inspection Rounds digitizes the complex and difficult to maintain operator checklists and logs, enabling a field worker to have all the information on rounds tasks and schedules on their mobile device.
- Compliance – Plant superintendents and administrators can quickly gain insight on round completion status and any asset health deviations outside of normal operating conditions through centralized reporting.
- Integration– Through tight coupling with CMMS, reporting and historian systems, rounds data captured in the field can be used to create work orders, update and inform console operators on changing field conditions, and improve the predictive monitoring capabilities of asset performance management systems.

So, what exactly is the November 2021 Release all about?

Inspection Rounds Release 7 introduces a host of new features to enhance mobile application capabilities, advanced configuration and scheduling, and improved reporting. These are summarized highlights at a high level:

Enhancements include:

- Support workflows requiring conditional task execution
- View and capturing images/videos during task execution
- Support historical data trend viewing
- Identify assets through NFC tags (Android only)
- GPS based task execution geo-location validation
- Enable multilevel approval workflows for rounds and incidents
- Escalation notification using email
- Support additional flexibility in configuring enterprise hierarchies with multiple levels
- Create reusable checklists and asset classes (you can call it *template* if you prefer)
- Support flexible shift models and advanced scheduling options
- Provide enhanced bulk configuration export/import capabilities

Please contact your Honeywell Account Manager to learn more.

Honeywell Forge Asset Sentinel

The Honeywell Forge Asset Sentinel team is pleased to announce the latest release of the solution combining performance monitoring with machine learning and predictive analytics.

The solution can be hosted on-premises or on either a Honeywell or customer cloud, and is intended to continuously monitor asset and process performance, detect impending health issues, and predict potential time to failure.

We are evolving our asset performance management solution to strengthen our offering with new features that help our customers reveal opportunities for performance improvement and expedite analysis to assist in finding the root cause of inefficiencies or impending issues.

Honeywell Forge Asset Sentinel New Capabilities

The enhancements to Asset Sentinel are designed to help make it easier to aggregate data from assets and processes, to uncover potential failures, provide recommendations on how to solve those hiccups, creating an opportunity to bring assets and processes back to their established operational state faster.

Enhancements include:

- Save and templatize trend configuration
 - This new feature is introduced to save the Event trend configuration and create templates that are applicable to the events for the assets belonging to the same asset type.
 - The template can be reused without configuring the trend setting.
 - One of the required configurations can be set as the default configuration.
 - The default configuration opens every time the event trend page is launched.
- Asset Health Dashboard Enhancements
 - The Asset Health dashboard is redesigned and gives a representation of all assets that require immediate attention to bring assets back to optimum health and performance.
 - The dashboard enables taking actionable steps immediately by using the Risk Matrix and Bad Actors to help avoid disruptions and downtime.
 - The Asset Summary view displays the information for all the assets. The notification pane displays the faults related to the asset that is selected from Risk Matrix, Bad Actors and Asset summary.
- Bulk Model Configuration
 - Bulk model configuration is a new tool which enables editing of Assets, Attributes, Properties, and Calculations in bulk, creating multiple calculation instances, and exporting the details to excel and importing the edited details.
 - Simple and Advanced query options are provided, which can be used for searching and filtering the search results. Filtering and sorting options are available to help narrow down the search results.
 - Grouping results based on one field is possible, to view results matching specific criteria.
 - Options to edit specific details, one row at a time and edit multiple rows at the same time (bulk edit) are available to enable editing of values as needed.

- Compatibility with SQL 2019, EPHD 410 and Latest Subcomponents
 - Asset Sentinel R532.1 is now compatible with SQL 2019 and EPHD 410. It also supports the latest sub-components such as core system, and CAM 140.2.
- Scalability Improvements
 - There are a number of performance improvements across the Asset Sentinel modules, including Runtime UI, Configuration UI, support for concurrent users, improved performance in calculation execution.
 - To improve performance with embedded historian, the embedded process historian database (EPHD) application is upgraded to version EPHD 410.
 - Intuition Platform, Microsoft .NET, and .NET Core platforms are also refreshed to use the latest stable versions.
- Honeywell Forge import/export tool excluded
 - Forge import/export tool for configuration is excluded from Asset Sentinel R532 onwards because it is replaced by Bulk Model Configuration
- Anomaly Index Dashboard Based on Third-party Analytics Outcome
 - New out-of-the-box Model Template (Residual Analysis) has been introduced on the BYO-ML platform to utilize the external analytical tool results.
 - These results are used in Asset Analytics to calculate the health index, root cause variables, and visualize the Anomaly Index Dashboard.

Please contact your Honeywell Account Manager for more details.

Coaxial TPN Parts support and Last Time Buy notification

In System HINTS from March and August 2021, Honeywell notified that all TPN based coaxial nodes will be moved to Phase-out lifecycle phase on December 31, 2025 and supported by early Last Time Buy announcement for impacted parts.

For migration planning of the coax Infrastructure, the following shall be considered:

- September 2021 - Coaxial parts Last Time Buy (LTB) opening
- October 1, 2021 - June 30, 2025 - parts ordering and supply remains unchanged for spares and failure replacements.
- July 1, 2025 - December 31, 2025 - Exchange basis for TPN coax parts orders for failure replacements.
- June 30, 2025 - closure of LTB orders acceptance and spare parts orders
- No later than December 31, 2025 - LTB and spare parts orders shipped to all Customer sites.
- January 1, 2026 - TPN coax parts removal from all P2 Parts Management contracts.
- January 1, 2026 - no replenishment for TPN coaxial parts for P1 Parts Management contracts after usage.

To protect our customers' automation investments, Honeywell developed robust, field-proven, non-disruptive UCN/LCN control modernization strategies. [EHPM Solutions](#), [Experion LCN](#), and C300PM offerings that retain full UCN/LCN functionality, leverage Experion Fault Tolerant Ethernet (FTE), and preserve your plant's control applications and configurations.

Please work with your account team to develop committed migration approaching the deadlines.

These customers, who did not fully utilize their investment budgets, can purchase coaxial parts at 2021 pricing until end of 2021 for future support of their Installed base.

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

Product Announcement: Alarm Performance Optimizer

We are excited to announce that the Honeywell Forge Alarm Management portfolio's brand-new offering – Alarm Performance Optimizer – is now available! For a full overview of this exciting new offering, please [register](#) for our upcoming product launch webinar.

The Honeywell Forge Alarm Management portfolio (previously DynAMo Alarm Suite) consists of best-in-class, integrated offerings that address specific aspects of the alarm and safety system management lifecycle. Check out this [video](#) for a brief overview of the portfolio.



The challenge with changing Alarm Management practises

Without adequate maintenance, alarm system performance will degrade over time, resulting in higher alarm rates, out-of-date alarm response documentation and an increased risk of incidents. More organizations are centralizing the alarm management process, and global alarm champions tasked with driving adherence to corporate alarm philosophies are presented with the challenge of how to effectively maintain tens of thousands of alarms across multiple sites.

Introducing Alarm Performance Optimizer

Alarm Performance Optimizer allows alarm champions to centrally assess the health of each site's alarm system against the corporate alarm philosophy, identify areas of underperformance, follow guided recommendations to ensure operation with consistent alarm settings, and streamline alarm rationalization activities. Check out the [recent review](#) of our new product from ARC Advisory Group, along with the [Product Information Note](#).

Benefits

Alarm Performance Optimizer provides alarm champions with the means to identify and resolve alarm system health issues across their entire enterprise with increased efficiency, resulting in reduced cycle times to perform alarm rationalizations, further reductions in operator alarm loads and improved operator response time.



***Average results projected based on internal testing**
 * Estimated benefits from 2020 workshops with internal review and customer engagement:
 (1) efficiencies gained compared to using traditional alarm rationalization practices and tools
 (2) improvements compared with systems that don't meet ISA 18.2 recommendations for alarm documentation and priority distribution

Please ask your Honeywell account manager for more details.

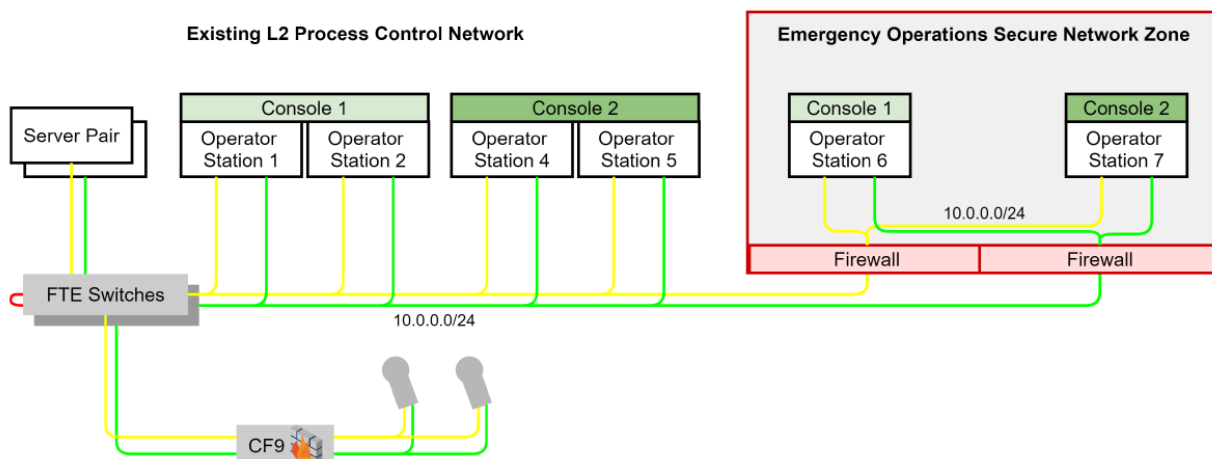
Product Announcement: Emergency Operator Console

What is the Emergency Operator Console?

The Emergency Operator Console (EOC) is a new solution from Honeywell that provides an operator station to be used in the event a control system console station is compromised with a virus, malware, or ransomware; this solution allows the customer to resume operations with a secure console station.

The EOC station is installed in an industrial strength hardened “Emergency Operations Security Zone” behind a special configured firewall that allows only minimal communication for controller access, with no Windows domain access, and running significantly restricted Microsoft Windows security profiles.

An ideal solution would be to add one additional EOC per operator console position or operating area in the Emergency Operations Security Zone to provide emergency operations capability for the required areas.



Please ask your Honeywell account manager for more details.

UniSim Design R490 Released

Honeywell continues to expand the capabilities of its process simulation software, UniSim Design which provides modelling capabilities across applications and industries, delivered in a robust, flexible and cost-effective manner.

Our product serves traditional industry segments such as upstream oil & gas, midstream and downstream refining. USD enables users in technology development, engineering, EPCs and operating companies to achieve high-quality results with best-in-class technology modules from Honeywell and other industry partners at the lowest total cost of ownership.

We are pleased to announce the availability of UniSim® Design R490 which provides key features in the following broad areas:

- Sustainability:
 - Carbon Capture and Storage: Thermo improvements for EOS-CG and Span-Wagner property packages
 - CO2 emissions utility now supports user-specified fuels and fired heaters
 - Green H2 (MVP): Standard template/flowsheet for a generic electrolyzer with user-defined performance tuning
- Equation-Oriented Modeling:
 - Columns: Enhanced functionality, look and feel similar to legacy columns
 - PFD & Object palette upgrades to more closely resemble familiar UniSim Design PFD views
 - EO Blowdown: Multiple Speed & stability enhancements
- WebAPI (initial release): Remote programmatic access to UniSim:
 - Local and remote launch of nominated UniSim Design cases
 - Connect to remote flowsheets to readily access and manipulate unit operation and stream data as well as bulk transfer activities such as Process Data Tables
- Refining Upgrades:
 - Hydroprocessing & FCC Reactor model tuning & stabilization enhancements
 - Ability to read Spiral crude assay database
 - ASSAY2 crude selection & evaluation functionality improvements
- Sulfur Recovery Unit enhancements
 - Ortloff accuracy enhancements to the furnace temperature and sulfur recovery rate
 - COS, CS2, H2, and CO prediction accuracy improved
 - Tailgas Cleanup Unit & Tailgas Oxidizer options now available
- Connectivity Upgrades:
 - OPC History Client can now populate the simulation with data directly from the historian
 - Updated PIPESIM Link for easy importing, source linking, and component mapping

To learn more about this release, please contact your Honeywell Account Manager.

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

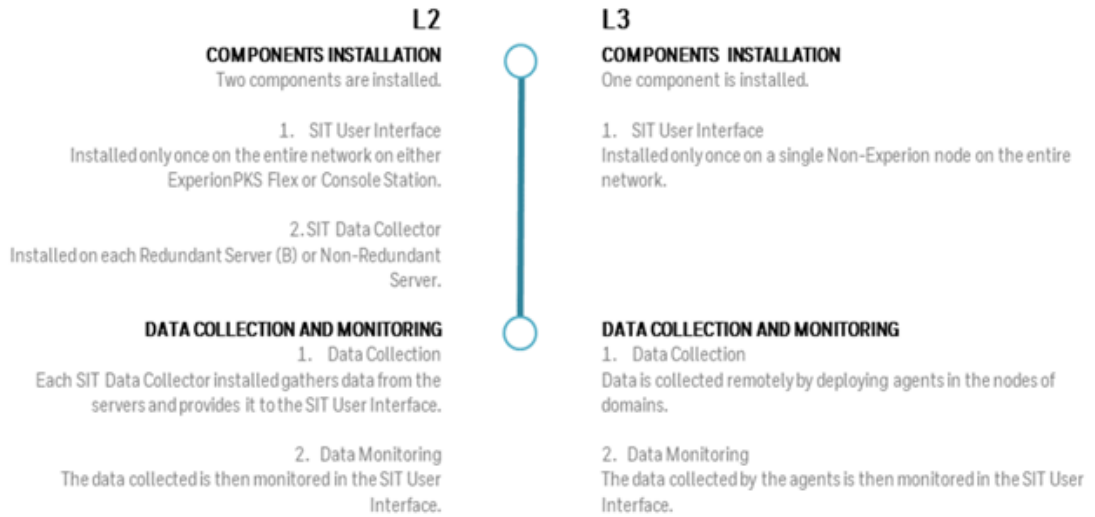
Matrikon OPC Server for Bailey DCS [Infi 90]
Matrikon OPC Server for Citect
Matrikon OPC Server for Foxboro DCS
Matrikon OPC Server for GDA [ODBC]
Matrikon OPC Server for GE PLCs
Matrikon OPC Server for IEC 61850/61400-25
Matrikon OPC Server for IP21
Matrikon OPC Server for Johnson Controls N2
Matrikon 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 is not integrated with the Experion R511 media package. While the SIT can be installed on Level 2 (L2) and Level 3 (L3), the installation and configuration on both levels are independent of each other. As such, users can choose to install the tool on either or both levels, 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
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

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 is it Needed?

Overview

The SIT provides a comprehensive system inventory documentation solution to support Honeywell's contract renewal process. The tool enables 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 your control system is using outdated equipment or assets, and is 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.

Support for 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 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.

To access the portal, go to honeywellprocess.com/support and login with the same credentials used when you registered.

Not registered? No problem! Registration is free and takes less than a minute. Once you are registered, login and select the Support tab, then select the System Inventory tab.

Honeywell Updates

System Name : M [redacted] MSID : M [redacted] Product Name : Experion Server

Update Name

- ++ Patch Experion PKS R410.2 Honeywell Security Model - Workstation
- ++ Patch Experion PKS R410.2 Honeywell_HCI_Runtime
- ++ Patch Experion PKS R410 QBP Patch1
- ++ Patch Experion PKS R410 HMIWeb Station and Display Builder Patch 2
- ++ Patch Experion PKS R410.2 Configuration Studio Patch 1
- ++ Patch Experion PKS R410 Server Patch 7
- ++ Patch Experion PKS R410.2 Controller Patch
- ++ Patch Experion PKS R410.2 Honeywell_Safeview
- ++ Patch Experion PKS R410.2 Honeywell System Management Runtime

Series C I/O

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

IO Link	Name	Model	Slot/Card#	Hardware Revision	Boot FW	App FW	Serial
236IOLINK_1A	DI_HV_23	CC-PDIH01	23A	C	04.01.03	04.01.08	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	3
236IOLINK_1A	DI_HV_24	CC-PDIH01	24A	C	04.01.03	04.01.08	5
236IOLINK_1A	DI_HV_21	CC-PDIH01	21A	C	04.01.03	04.01.08	7

Who can see your data?

All inventory data is viewable by only the customer, the customer's account manager, and Honeywell GTAC. In the event you call for support, GTAC can quickly get needed information such as F/W version, BIOS version, hardware rev, etc. No one 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 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>.

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
PN2021-28 Controller failure with incomplete Class Based Recipe configuration	Experion PKS using CEE based controllers including; ACE, C200E, C300, UOC, vUOC, SIMACE, SIMC200E and SIMC300	Experion PKS R410.X, R43X.X, R50X.X, R510.x, R511.1, R511.2, R511.3, R511.4	10/21/2021
PN2021-26 HPM/EHPM Failure with 006F error code in TPN R688.6	HPM, EHPM	TPN R688.6	10/12/2021
PN2021-24-Position-Control-Shutdown-in-Q4610-XX-UPMP-based-Scanners-running-with-R204.2-or-R301.2-release	Q4610-XX UPMP with R204.2 or R301.2 Experion MX Scanner software release	R204.2 and R301.2	08/27/2021
PN2021-20A TPN SILENCEB Green CF9	CC-PCF901 (Control Firewall, CF9)	Firmware rev. PP, RR and TT (Applicable to Hardware revision D & Later)	08/13/2021
PN2021-11A USIO AI forced appl value overwritten by field value	Safety Manager	R154.3, R154.4, R162.4, R162.5, R162.6, R162.7	08/13/2021
PN2021-23 Impact on C300 Controller On-Process Migration (OPM) if using EtherNet/IP ControlLogix Tags to integrate with	C300	Experion PKS R500.x, R501.x, R510.x	08/13/2021

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	2020-04	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	2021-08	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
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
Enabled Services (Unified Data Collector R120)	R110.1	Supported	2021-02	SaaS Offering
Enabled Services (Unified Data Collector R120)	R120.1	Current	2021-10	SaaS Offering
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
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	2017-01	System Software
Experion PKS R50x	R501.6	Supported	2017-01	System Software
Experion PKS R51x	R510.1	Supported	2018-08	System Software
Experion PKS R51x	R510.2	Supported	2018-08	System Software
Experion PKS R51x	R511.4	Supported	2018-08	System Software
Experion PKS R51x	R511.5	Supported	2018-08	System Software
Experion PKS R52x	R520.1	Current	2021-08	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	2021-07	Standalone Software
Honeywell Forge Inspection Rounds	R5	Current	2021-11	Standalone Software
Honeywell Forge Worker Assist	1.X	Current	2021-03	Standalone Software
Honeywell Forge Workforce Competency	R520.1	Current	2021-09	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
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	R201.3	Current	2020-01	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	2021-08	Standalone Software
Quality OptiMiser R540x	R540.1	Supported	2010-10	Standalone Software
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	R154.5	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 R210	R210.4	Supported	2020-60	System Software
Safety Manager SC R211	R211.1	Current	2021-08	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 R140	R140.1	Supported	2021-02	Standalone Software
System Performance Analyzer R150	R150.1	Current	2021-07	Standalone Software
Taiji PID 310x	R310.1	Supported	2016-01	Standalone Software
Taiji PID 320x	R320.1	Current	2021-04	Standalone Software
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	2016-02	System Software
TPN R686.x	R686.4	Supported	2016-10	System Software
TPN R687.x	R687.6	Supported	2018-02	System Software
TPN R688.x	R688.5	Supported	2019-01	System Software
TPN R688.x	R688.6	Supported	2019-01	System Software
TPN R690.x	R690.1	Current	2021-09	System Software
TPS (APP) CLM R20x	R200.2	Supported	2012-07	System Software
Uniformance Asset Sentinel R51x	R511	Supported	2017-10	Standalone Software
Uniformance Asset Sentinel R52x	R520.7	Supported	2019-07	Standalone Software
Uniformance Asset Sentinel R52x	R520.X	Supported	2019-07	Standalone Software

Uniformance Asset Sentinel R53x	R531.1	Supported	2020-08	Standalone Software
Uniformance Asset Sentinel R53x	R531.4	Current	2021-04	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	R470.1	Supported	2020-01	Standalone Software
UniSim Competency Suite	R471.1	Supported	2020-10	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	Supported	2021-06	Standalone Software
UniSim Design	R490	Current	2021-11	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.