

**INFORMATION | NEWS | TIPS**

**MARCH 2023**

# **SYSTEM HINTS**

## **IN THIS ISSUE**

### **HONEYWELL ACADEMY & USERS GROUP**

Page 2: Build competent Workforce with Outcome Competency program

Page 3: Global Honeywell Users Group: Optimizing Transformation

### **MIGRATIONS**

Page 4: Robust Migration Paths for HPM, FSC, NIM ahead of Coax-based LCN/UCN 2025 Lifecycle Phase-Out

Page 6: Important TPN Software Updates: TPN R690.3, OneClick TPN Migration to R690.x, TPN R686.x Phase Out

Page 8: Enhanced C200 Upgrade Tool Reaffirms Honeywell Commitment to Robust C200 Migration Paths to UOC and C300 Controllers

### **PRODUCT HIGHLIGHTS**

Page 9: Enhanced Learning through VR-led, Simulated Training Environments

Page 9: Field Device Manager® R520.2 Update 1 Release Announcement

Page 10: End of Support Announcement – Trellix (McAfee) MOVE 4.9.x Agentless Antivirus

### **SUPPORT CYCLE**

Page 11: New way to access the System Inventory portal

Page 12: System Inventory Tool (SIT) R300.1

Page 13: What is the System Inventory Tool and why is it needed?

Page 15: HPS Priority Notifications

Page 16: Products Revisions and Support Status



# HONEYWELL ACADEMY

## BUILD COMPETENT WORKFORCE WITH OUTCOME COMPETENCY PROGRAM

In the post pandemic world, more customers are looking to accelerate their workforce competency to meet challenges of technology churn and scarcity of new talent filling the retiring personnel.

This challenge is particularly severe in the process industry, where there is an increased demand for plant efficiency and optimization. They also face retirements of experienced people and the next generation who are replacing them, while talented, need to get on the job very fast.

Honeywell Academy's new OUTCOME COMPETENCY PROGRAM addresses these problems with our proven ETPA framework.



### How it works

Once your Control Techs register for the program, Honeywell Academy will work with them and their managers with following steps:

1. **EVALUATE:** Here the participants' current skill levels are measured against the plant installed base and expected KPIs (Key Performance Indicators).
2. **TRAIN:** Based on the results of TNA individualized training programs are designed and delivered for the participants. The training program includes a combination of E-Learning, Virtual training,

Classroom training, and access to videos and other on-demand training.

3. **PRACTICE:** In this stage the participants will be given access to our Cloud based virtual infrastructure where the participants can practice and perfect the skills learned during the training courses.
4. **ASSESS:** The assessment includes Skills and as well Knowledge tests to make sure the participants achieve required KPIs and achieve Certification badges

Throughout the process, the participants will have access to a dedicated mentor from Honeywell Academy. The mentor will work with the participants and their manager to ensure the program is both time bound and effective.

### Benefits

- Improved motivation and confidence
- Personalized training and competency plan
- KPI Monitoring
- Practice and retrain sessions
- Skills development of the entire team
- Increased efficiency
- Support throughout the program journey
- Preferred pricing for multi-year or multi-user commitments

### More Information and registration

Contact Honeywell Academy for more details and/or enrollment:

1. For Americas-Canada-Latin America: [HPSTrainingUSCANLAR@Honeywell.com](mailto:HPSTrainingUSCANLAR@Honeywell.com)
2. For Europe-Middle East-Africa: [HPS-Training-EMEA@Honeywell.com](mailto:HPS-Training-EMEA@Honeywell.com)
3. For Asia Pacific: [HPS-Training-APAC@Honeywell.com](mailto:HPS-Training-APAC@Honeywell.com)

For other inquiries, please reach out to your local Honeywell Account Manager for assistance.

# GLOBAL HONEYWELL USERS GROUP OPTIMIZING TRANSFORMATION

JW Marriott Grande Lakes, Orlando, Florida, USA

**June 18-21, 2023**

Information, experience, and industry visionaries come together to join us for the 46<sup>th</sup> in-person event!

## YOU'RE INVITED



Registration  
opens April 15

See all 2023 HUG  
info on the web.

See you in Florida!



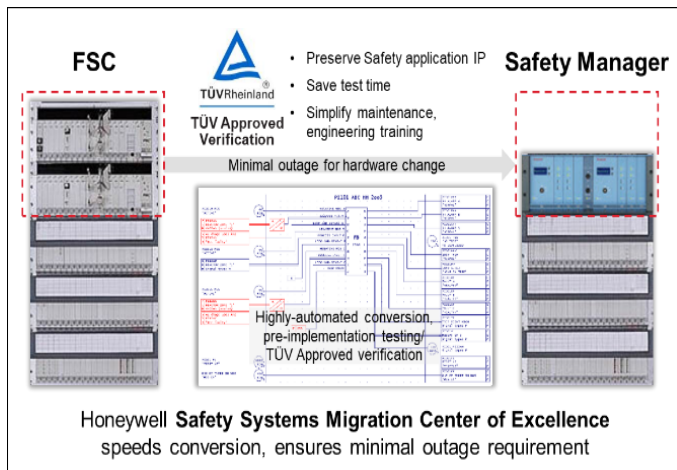
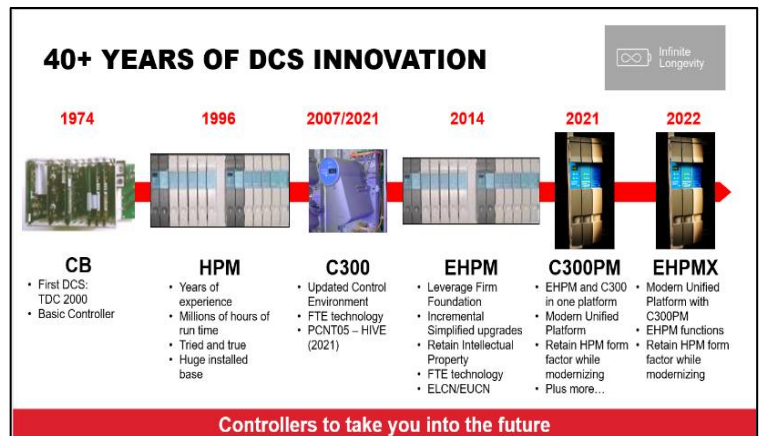
**20 YEARS**  
Celebrating  
Experion® PKS

**Honeywell**

# Robust Migration Paths for HPM, FSC, NIM ahead of Coax-based LCN/UCN 2025 Lifecycle Phase-Out

Honeywell continuously invests in DCS modernization solutions. Beginning with the 2013 introduction of the Enhanced UCN, or EUCN, and the corresponding EHPM controller, a path to Experion’s Fault Tolerant Ethernet (FTE) has been provided. The EUCN and subsequent Experion LCN (ELCN) enable conversion of the entire TPN/TPS coax based LCN/UCN communications backbone to FTE, eliminating dependency on the now obsolete coaxial cable networking technology. With multiple production introductions since 2013, all TPN/TPS coax-based nodes have been replaced with field-proven Experion equivalents. A robust migration path is available well ahead of the December 31, 2025, coax phase-out.

Recent On-Process Migrations (OPM) deploying the powerful C300PM/ EHPMX dual-capability controller have proven the expected capacity and performance gains, easing process control bottlenecks that can occur with controls and displays growth over several years. Customers have excellent performance and functionality options to modernize all remaining HPM controllers.



Similarly, technology refreshes and strong migration paths have been available for Safety Systems for over 20 years. A significant number of customers took advantage of the robust Fail Safe Controller (FSC) to Safety Manager (SM) migration process in 2022 with minimum production outages required for the transition. *Plan and stage FSC migrations to leverage unplanned outages* – While FSC to SM requires a process outage, Customers have leveraged unplanned plant outages (due to weather or other non-DCS/FSC causes) to mobilize and migrate units well ahead of planned plant or unit outages. The Honeywell Safety Systems Migration

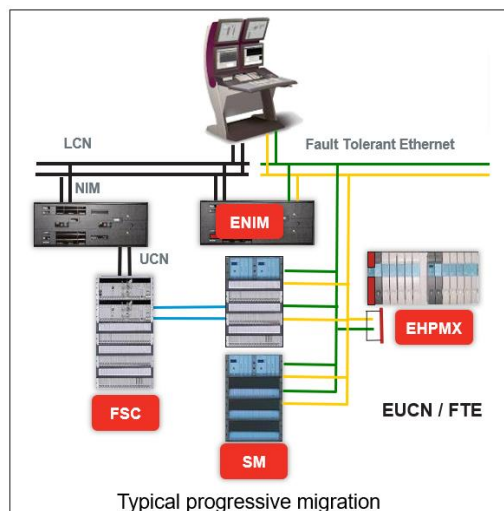
Center of Excellence can assist with all steps of the process and can complete the TÜV approved application migration well in advance of the planned outage. All safety strategies and control intellectual property are prepared in the FSC to SM software migration. For Triconex interfaces, the FTE-based TCMI module replaces the coax-based SMM module.

*Prioritize process control performance with EHPMX/C300PM* – For all customers planning or already at Experion R520.2, the modern EHPMX/C300PM controller is the preferred solution with its embedded firewall and IO Link, and common controller electronics with the latest C300 and UOC controllers. EHPM remains a strong solution for customers on R511.5 or lower who cannot migrate to R520.2 near term. The latest TPN R690.3 software release (see related article in the March HINTS) provides excellent EHPM robustness enhancements in addition to the “OneClick” migration automation feature. Honeywell can assist customers in choosing the right TPN controller solution – EHPM, EHPMX, or C300PM. Since EHPMX and C300PM are the same controller, a simple and affordable firmware switch ensures that any EHPMX can easily extend on-process to the full C300PM capabilities, including Honeywell’s Highly Integrated Virtual Environment (HIVE).

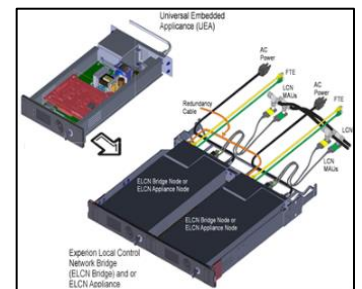
2023	2024	2025	2026	2027
Coax modules last time buy period			All coax LCN/UCN nodes, HPM, FSC phased-out 31 December 2025. Experion-based nodes only after 2025: ELCN/EUCN, EHPM, EHPMX/C300PM, SM.	
Procure long lead materials				



*Implementation planning is critical* – Honeywell provides Modernization Automation Plans to help customers sequence and budget the transition from coax to FTE and implementation of Experion nodes to replace all coax functionality. ELCN technology enables the move from legacy physical hardware to software, expanding options within a larger platform virtualization strategy.



*Establish the FTE Backbone, ELCN/EUCN* – Cable manufacturers are rapidly obsoleting industrial coaxial cable and connectors as global demand falls dramatically. Planning and implementing FTE enables Experion equivalents of all TPS/TPN nodes and unlocks DCS communications capabilities for advanced strategies and integration beyond the DCS. The FTE network facilitates FSC to SM migration. Because Ethernet network switch demand continues to outpace supply, it is critical to plan, design, and begin procuring the new FTE network this year. Honeywell offers robust services to ensure optimum process control network performance and security.



For customers with multiple UCN and/or LCN segments, NIM to ENIM and other coax to FTE bridge nodes provide stepwise FTE implementation and node conversion options.

*Eliminating DCS and Safety System dependency on coax can be done in progressive steps.* Customers that have not begun the transition from coax should act now to ensure DCS process reliability beyond coax phase-out. Your local Honeywell team is ready to assist, backed by our migration experts in the Migration Center of Excellence and Global Migration Support Centers. Our *Migration Command Center* monitors progress of all “migrations in flight” globally to ensure a smooth landing for every customer’s modernized, Experion-enabled DCS and Safety Systems.

# Important TPN Software Updates: TPN R690.3, OneClick TPN Migration to R690.x, TPN R686.x Phase Out

TPN R690.x is the recommended release series for all customers. This article addresses three topics: the introduction of TPN R690.3, using the recently introduced TPN OneClick Migration capabilities to make adopting R690.3 faster and easier, and the phase out of TPN R686.x.

## TPN R690.3 Provides Important Reliability and Robustness Updates for EHPM and ENIM




Honeywell is pleased to introduce TPN R690.3, delivering important robustness and reliability updates for the EHPM controller and ENIM. Several issues documented in Priority Notifications and PARs have been addressed in this latest point release. Both the potential EHPM Loss of View (LOV) during FTE communication failures and potential UEA (Universal Embedded Appliance) ENIM failure “U” are fixed. The following table provides additional details on key PARs that are resolved in R690.3:

PAR	Abstract
<b>1-EDXQOWJ</b>	UCN Time sync degraded impacting alarms. Issue detected in in TPN R690.1
<b>1-EBMUGSP</b>	ENIM incorrectly reports Silent events
<b>1-ESAJ36O</b>	Loss of view EHPM failure due FTE communication failure
<b>1-ETBRUKP</b>	Need to enhance OneClick TPN migration NIM/ENIM upgrade logic.
<b>1-EF4R2ZT</b>	UEA ENIM failure U due to 'Transmit Hang state' and 'Interrupt Ack timeout' condition

TPN R690.3 is now available for electronic download and getting your system to this release is easier than ever with the OneClick TPN migration option. We strongly recommend all customers on Experion PKS R501.6 and higher utilize TPN OneClick to efficiently move to R690.3 as soon as possible.

## Seamless modernization experience with - TPN 690 OneClick TPN Migration

TPN R690.1 introduced OneClick TPN migration as the upgrade enabler for customers to move from earlier TPN software releases to R690.x. OneClick TPN decreases the steps and effort to adopt R690.x, automating most of the process and reducing the overall cycle time. Once users initiate OneClick, it progresses unattended until the final steps, thereby ensuring a safe and reliable upgrade experience. OneClick TPN was featured in February 2023 HINTS. Key features are repeated below. Customers have observed ~ 70% reduction in TPN SW migration effort and cycle time.

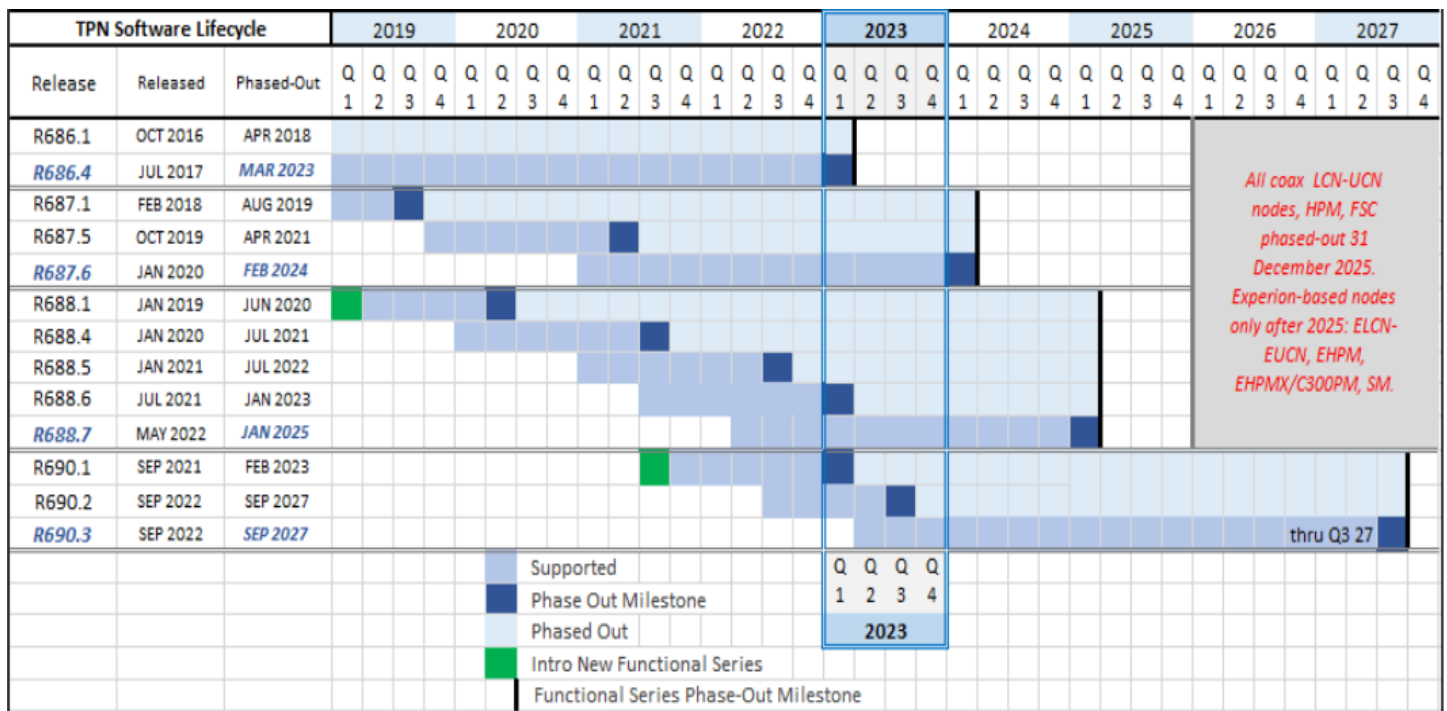
Reduce Steps	Improve usability	New Capabilities
Unified, consolidated MEGA TPN media which incorporates Z1, Z3, Z6, Z12, Z14 and Z17. 	Highly automated OneClick Installation via ONECLICK.EC. 	Faster configuration, improved post installation analysis. Incremental migration process improvements. Fast deployment to all nodes. 

# Phase Out Notification – TPN R686.x – Effective March 31, 2023

TPN R686.4 and all point releases in TPN R686 series, cumulatively known as TPN R686.x are phased out effective March 31, 2023. TPN R686.1 was introduced in October 2016 and the R686 series has passed the 72 month support guideline. In keeping with the HPS/HCI Product Support Guide outlined in the [Customer Resource Manual](#), this announcement is a formal notification that the entire TPN R686 release train is now phased out. Details of both Experion PKS and TPN Software support are documented in a GTAC Knowledge Article: [Experion PKS & TPN Support Guidelines](#)

Visit [www.Process.Honeywell.com](http://www.Process.Honeywell.com) (login required) to access both the Customer Resource Manual and the Experion PKS & TPN Support Guidelines. You can also subscribe to HINTS following the instructions early in this newsletter.


Phased-out software no longer receives PAR fixes and support is limited. The following chart shows TPN lifecycle details including phase-out milestones for each series. TPN R690.x provides the longest support cycle and aligns with the support cycle for Experion R520.2.



## Risks for Phased Out Software Releases



**A phased-out product no longer receives PAR fixes**



**Technical support for Phased-Out software is limited**



**GTAC will make commercially reasonable best efforts to assist in restoring operations but will not offer RCA (Root Cause Analysis).**



**Honeywell provides migration assistance to adopt the current release.**

Honeywell strongly recommends all customers utilizing TPN R686.x or earlier releases to migrate to R690.3 (preferred) or R688.7 (only for Experion releases below R501.x) to ensure highest system reliability and support.

# Enhanced C200 Upgrade Tool Reaffirms Honeywell Commitment to Robust C200 Migration Paths to UOC and C300 Controllers

Honeywell is constantly investing in migration tools, process automation, and infrastructure to ensure industry leading control system modernization results for customers. Through our unrelenting focus on process improvement, Honeywell enables customers to confidently navigate modernization paths, assured that years of proprietary process control strategies, operational knowledge, and other invaluable intellectual property are preserved for business continuity and success.

Beginning July 2015, Honeywell started to proactively plan and manage for the C200/C200E obsolescence event to simplify their customer’s legacy control system transformation journey. Honeywell provides three options for C200 controller replacement and continues to innovate to improve the C200/C200E modernization cycle.

C200 to ControlEdge UOC - Preferred solution for C200s & Series A I/O combination, supports existing Series A I/Os and Control NET wiring retention

C200 to C300V2 Controller - Compatible with most C200 I/O configurations including PM I/O

Honeywell C300V5 Controller – *Available later in 2023* – Same compatibility as C300V2 with higher performance and HIVE (Highly Integrated Virtual Environment) capabilities.



In early March Honeywell released the latest version of the C200 Upgrade Tool that converts control strategies and C200 infrastructure information to equivalent capabilities in the Unit Operations Controller (UOC) or C300 Controllers. The C200 Upgrade Tool is utilized by Honeywell engineers in the migration process.

With the UOC Controller option, Honeywell brings the extensive advantages of the latest Experion control environment in compact form factor like the C200/C200E, saving space and reducing installation costs.

## C200 Migration Tool enhancements speed, simplify conversion and tackle larger systems



### Enhanced monitoring and diagnostics during automated migration process



More extensive log file backup capabilities to ensure better retrieval of process data



A more powerful upgrade tool tested against rigorous performance, capacity, and data handling criteria



Enhanced tool capacity to tackle increasingly complex and larger migration instances

**Better preserve diagnostic information available in logs for analysis for incident/issue.**



## Enhanced Learning through VR-led, Simulated Training Environments

Honeywell's Immersive Field Simulator (IFS) is a virtual reality (VR) based training tool that incorporates a digital twin of physical plant operations to provide targeted, on-demand, skill-based training for workers. With IFS technology, plants can simulate scenarios such as primary failure and switchovers, and cable and power supply failures, that train and test personnel on their skills.

The new version of IFS – R120 – incorporates a low fidelity simulation engine that enables building field operator training lessons, inclusive of disaster and abnormal situation procedures, without having to link to a larger panel operator simulator. This provides more flexibility to conduct training and alleviates the need to pull multiple operators off shift for sessions. In addition, it reduces the solution's footprint and allows it to be more accessible for impromptu training or refresher courses.

Furthermore, IFS R120 can facilitate an open platform communications(OPC) connection to any panel operator simulator that you may have.

Talk to us today to know more about IFS R120.

[LEARN MORE](#)

## Field Device Manager® R520.2 Update 1 Release Announcement

Field Device Manager provides plant instrument engineers, technicians and maintenance personnel with an optimized system that simplifies tasks and enables remote management of smart instruments. FDM offers complete command and control of HART, PROFIBUS, Foundation Fieldbus, Honeywell DE Protocol as well as Wireless HART and ISA100 Wireless smart instruments throughout the plant. FDM saves time, allows instrument troubleshooting to be done more safely, and helps improve overall asset effectiveness in the plant.

FDM R520.2 Update1 includes the below security enhancements:

1. Secured DTM Usage
2. Digitally Signed FDM Binaries

The FDM R520.2 Update1 documentation (SCN, Software Download Datasheet) shall be available at the link provided below:

<https://process.honeywell.com/us/en/support/technical-publication?search=&filters=product%2FField+Device+Manager>

## End of Support Announcement – Trellix (McAfee) MOVE 4.9.x Agentless Antivirus

Trellix (McAfee) has announced the End of Support for MOVE 4.9.x on August 7, 2023. This release of McAfee MOVE utilizes VMware NSX-V for the agentless security services.

Honeywell has completed testing and documentation for MOVE 4.10.x; however, the implementation requires VMware NSX-T and the use of a specific VMware Distributed Switch (vDS) for the security services. This configuration is beyond Honeywell's control to change, and it may be impractical for certain systems:

- 1) The use of vDS is not available with VMware vSphere Standard licenses used with the Honeywell Essentials Platforms.
- 2) Purchasing new higher-tier VMware vSphere licenses would incur additional expenses.
- 3) The vDS requires a dedicated network port on each host. Hosts without unused network ports would be unable to implement the vDS.
- 4) The migration process from NSX-V to NSX-T may be complex for some users.

Due to these constraints and the Trellix End of Support for MOVE 4.9.x on August 7, 2023, Honeywell recommends customers transition their antivirus solution to a qualified in-guest agent solution such as McAfee Endpoint Security, Symantec Endpoint Protection, or VMware Carbon Black Cloud Endpoint (which is intended for Experion PKS support in mid-2023). As announced at Honeywell Users Group 2022, VMware Carbon Black Cloud Endpoint is intended to be the permanent replacement for MOVE once Experion PKS qualification is available.

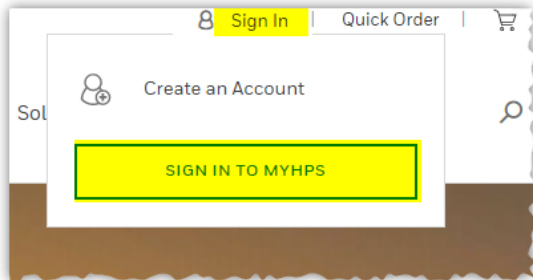
Honeywell acknowledges the benefits of agentless antivirus, but the value needs to be balanced with the additional security effectiveness and tools that an in-guest agent may provide. Honeywell accepts that modern security applications moving forward will require the use of an in-guest agent, and we will work with our technology partners to ensure that any agent use is as lightweight as possible to minimize and performance impacts to the operation of the control system.

Details on the currently supported antivirus solutions may be found in the *Antivirus Software Guidelines* document on [process.honeywell.com](https://process.honeywell.com).

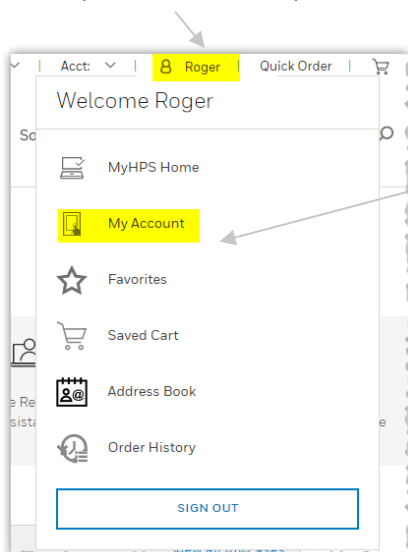
## New way to access the System Inventory portal

Honeywell has launched the new process.Honeywell.com website with an exciting new look and feel. One of the many new changes is how the user accesses the System Inventory Portal. Please follow the below steps to access the portal.

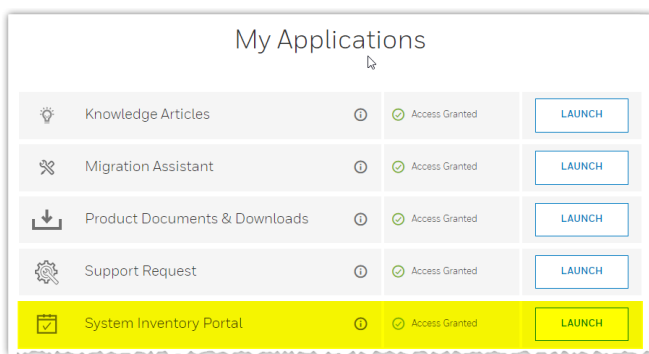
1. Go to <https://process.honeywell.com>
2. Sign in



3. Select your name and My Account



4. Scroll down and select "Launch"



This will now take you to the System Inventory portal which has not changed.

## System Inventory Tool (SIT) R300.1

The [System Inventory Tool \(SIT\) R300.1](#) is 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.

### Installation

The SIT R300.1 is a standalone installation, and therefore is not integrated with the Experion 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.

### 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	R3xx.x thru R430
R200.2	R3xx.x thru R430
R200.3	R3xx.x thru R430
R210.1	R3xx.x thru R510
R210.2	R3xx.x thru 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
R300.1 with 300.1 patch	R520.x

## 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 the System Inventory Tool 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.

After the data is collected, it is uploaded to the System Inventory Tool portal, available at <https://process.honeywell.com>, go to your account and select System Inventory Portal as shown in the instructions in above.

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?

## 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.

### 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

## 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](http://honeywellprocess.com/support) and login with the same credentials used when you registered.

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

## Who can see your data?

All inventory data is viewable by only the customer, the customer’s account manager, and Honeywell GTAC. In the event you call for support, GTAC can quickly obtain 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.

### Series C I/O

System Name : M [redacted]

MSID : M [redacted]

IO Link	Name	Model	Slot/Card#	Hardware Revision	Boot FW	App FW	Serial
236IOLINK_1A	DI_HV_23	CC-PDIH01	23A	C	04.01.03	04.01.08	[redacted] 3
236IOLINK_1A	DI_HV_19	CC-PDIH01	19A	C	04.01.03	04.01.08	[redacted] 5
236IOLINK_1A	DO_24B_33	CC-PDOB01	33A	G	04.01.03	04.01.08	[redacted] 1
236IOLINK_1A	DO_24B_32	CC-PDOB01	32A	G	04.01.03	04.01.08	[redacted] 3
236IOLINK_1A	DI_HV_22	CC-PDIH01	22A	C	04.01.03	04.01.08	[redacted] 2
236IOLINK_1A	DO_24B_31	CC-PDOB01	31A	G	04.01.03	04.01.08	[redacted] 8
236IOLINK_1A	DI_HV_25	CC-PDIH01	25A	C	04.01.03	04.01.08	[redacted] 3
236IOLINK_1A	DI_HV_24	CC-PDIH01	24A	C	04.01.03	04.01.08	[redacted] 5
236IOLINK_1A	DI_HV_21	CC-PDIH01	21A	C	04.01.03	04.01.08	[redacted] 7

## HPS Priority Notifications

HPS Priority Notifications are available under

[https://process.honeywell.com/us/en/support/technical-publication?search=&filters=doc\\_type%2FNotification](https://process.honeywell.com/us/en/support/technical-publication?search=&filters=doc_type%2FNotification)

Please note that you have to sign in to access those documents.

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
<b><u>PN2023-07 MICROSOFT DCOM HARDENING PATCH RELATED ISSUE</u></b>	Experion PMD	None	March 22, 2023
<b><u>PN2023-06 UNSYNCHRONIZED ELCN APPLIANCE NODES</u></b>	Experion ELCN System Management	R501, R510, R511, R520, R530	March 10, 2023
<b><u>PN2023-05 EQUATION BLOCK MAY CAUSE CALCULATION OVERFLOW</u></b>	Safety Manager SC	R210, R211, None	February 15, 2023
<b><u>PN2023-04 DUAL EHPM FAILURE DURING A EUCN NETWORK STORM</u></b>	EUCN FTE, Enhanced Universal Control Network (EUCN) FTE, Enhanced High-Performance Process Manager (EHPM)	R687, R688, R690	February 9, 2023
<b><u>PN2023 03 MULTI PM IOP CONFIGURATION AND COMMUNICATION ISSUES</u></b>	PM I\O	None	February 1, 2023
<b><u>PN2023 02 FC PDIO01 FC UGDA01 DILM REPORTS LOOP FAULT</u></b>	Safety Manager	R211	January 19, 2023
<b><u>PN2023 01 DATA FREEZE FOR IEC 61850 DEVICES INTEGRATION VIA EIM IEC 61850</u></b>	Ethernet Interface Module (EIM)	R500, R501, R510, R511, R520	January 11, 2023

## Products Revisions and Support Status

Latest Media Revision	Latest Patch/Update	Support Status	Functional Release - First Shipment Announcement	Software Product Category
Application Whitelisting	R201.3	Supported	2021-08	Standalone Software
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	R603.2	Current	2021-08	Standalone Software
Control Performance Monitor R60x	R603.1	Supported	2020-10	Standalone Software
Control Performance Monitor R60x	R602.5	Supported	2020-02	Standalone Software
Control Performance Monitor R60x	R601.3	Supported	2018-05	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	R161.1	Supported	2020-04	Standalone Software
ControlEdge 2020 R16x	R160.2	Supported	2019-12	Standalone Software
ControlEdge 2020 R17x	R170.1	Supported	2021-04	Standalone Software
ControlEdge 2020 R17x	R171.1	Supported	2021-09	Standalone Software
ControlEdge 2020 R17x	R172.1	Current	2022-03	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	R700.1	Supported	2020-07	Standalone Software
ControlEdge HC900 R71x	R710.1	Supported	2021-04	Standalone Software
ControlEdge HC900 R72x	R720.0	Supported	2021-06	Standalone Software
ControlEdge HC900 R73x	R730.0	Current	2022-02	Standalone Software
ControlEdge PLC R15x	R152.1	Supported	2019-04	Standalone Software
ControlEdge PLC R15x	R151.1	Supported	2018-11	Standalone Software
ControlEdge PLC R16x	R161.1	Supported	2020-04	Standalone Software
ControlEdge PLC R16x	R160.2	Supported	2019-12	Standalone Software
ControlEdge PLC R17x	R170.1	Supported	2021-04	Standalone Software
ControlEdge PLC R17x	R171.1	Supported	2021-09	Standalone Software
ControlEdge PLC R17x	R172.1	Current	2022-03	Standalone Software
Cyber App Control	R400.1	Current	2022-05	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	Supported	2020-05	Standalone Software



<b>DynAMo Operations Logbook (DOL) R24x</b>	R240.1	Supported	2020-04	Standalone Software
<b>DynAMo Operations Logbook (DOL) R24x</b>	R246.1	Current	2023-01	Standalone Software
<b>DynAMo Operations Monitoring (DOM) R24x</b>	R240.1	Supported	2020-04	Standalone Software
<b>DynAMo Operations Monitoring (DOM) R24x</b>	R246.1	Current	2023-01	Standalone Software
<b>Enabled Services (Unified Data Collector R120)</b>	R120.1	Supported	2021-02	SaaS Offering
<b>Enabled Services (Unified Data Collector R121)</b>	R121.1	Supported	2021-10	SaaS Offering
<b>Enabled Services (Unified Data Collector R130)</b>	<b>R130.1</b>	Current	2022-09	SaaS Offering
<b>Experion Backup and Restore R52x</b>	R520.1	Current	2021-12	Software Package
<b>Experion HS R410</b>	R410.9	Supported	2013-07	System Software
<b>Experion HS R430</b>	R430.1	Supported	2015-03	System Software
<b>Experion HS R500</b>	R500.1	Supported	2017-08	System Software
<b>Experion HS R510</b>	R510.2	Supported	2018-09	System Software
<b>Experion HS R511</b>	R511.3	Supported	2019-07	System Software
<b>Experion HS R520</b>	R520.1	Current	2022-04	System Software
<b>Experion LS R30x</b>	R300.1	Supported	2009-11	System Software
<b>Experion LS R31x</b>	R310.2	Supported	2010-11	System Software
<b>Experion LS R31x</b>	R311.1	Supported	2011-02	System Software
<b>Experion LS R40x</b>	R400.1	Supported	2011-06	System Software
<b>Experion LX R11x</b>	R110.2	Supported	2014-09	System Software
<b>Experion LX R12x</b>	R120.1	Supported	2015-03	System Software
<b>Experion LX R500</b>	R500.1	Supported	2017-11	System Software
<b>Experion LX R51x</b>	R510.2	Supported	2018-11	System Software
<b>Experion LX R51x</b>	R511.4	Supported	2019-09	System Software
<b>Experion LX R520</b>	R520.1	Current	2022-03	System Software
<b>Experion MX CD Controls R70x</b>	R701.2	Supported	2018-05	Software Package
<b>Experion MX CD Controls R70x</b>	R700.1	Supported	2017-03	Software Package
<b>Experion MX CD Controls R70x</b>	R703.1	Supported	2019-06	Software Package
<b>Experion MX CD Controls R70x</b>	R702.1	Supported	2019-06	Software Package
<b>Experion MX CDMV Controls R70x</b>	R701.1	Supported	2018-05	Software Package
<b>Experion MX CDMV Controls R70x</b>	R700.1	Supported	2017-03	Software Package
<b>Experion MX CDMV Controls R70x</b>	R702.1	Supported	2019-06	Software Package
<b>Experion MX CDMV Controls R70x</b>	R703.2	Supported	2019-06	Software Package
<b>Experion MX CDMV Controls R70x</b>	<b>R704.1</b>	Current	2022-08	Software Package
<b>Experion MX MD Controls R70x</b>	R702.1	Supported	2019-06	Software Package
<b>Experion MX MD Controls R70x</b>	R701.1	Supported	2018-05	Software Package
<b>Experion MX MD Controls R70x</b>	R700.1	Supported	2017-03	Software Package
<b>Experion MX MDMV Controls R70x</b>	R701.3	Supported	2018-05	Software Package
<b>Experion MX MDMV Controls R70x</b>	R700.1	Supported	2017-03	Software Package
<b>Experion MX MDMV Controls R70x</b>	R702.1	Supported	2019-06	Software Package
<b>Experion MX MDMV Controls R70x</b>	R703.2	Supported	2019-06	Software Package
<b>Experion MX MDMV Controls R70x</b>	<b>R704.1</b>	Current	2022-08	Software Package
<b>Experion MX/MXProLine R70x</b>	R701.4	Supported	2018-05	System Software
<b>Experion MX/MXProLine R70x</b>	R700.5	Supported	2017-03	System Software

Experion MX/MXProLine R70x	R702.4	Supported	2019-06	System Software
Experion MX/MXProLine R70x	<b>R703.2</b>	Supported	2020-12	System Software
Experion MX/MXProLine R70x	<b>R704.1</b>	Current	2022-08	System Software
Experion PKS R50x	R501.6	Supported	2017-01	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	Supported	2021-08	System Software
Experion PKS R52x	R520.2	Current	2021-08	System Software
Fail Safe Controller R71x	R710.9	Supported	2011-07	System Software
Fail Safe Controller R80x	R801.5	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	Supported	2019-09	Standalone Software
Field Device Manager R52x	R520.1	Supported	2022-11	Standalone Software
Field Device Manager R52x	R520.2	Supported	2023-01	Standalone Software
Field Device Manager R52x	R520.1 U1	Supported	2022-11	Standalone Software
Field Device Manager R52x	<b>R520.2 U1</b>	Current	2023-01	Standalone Software
Forge Blending and Movement R520.y	R520.2	Current	2021-08	Software Package
Forge Cybersecurity Suite-Enterprise Core and Premium	R204.1	Current	2021-06	Standalone Software
Forge Cybersecurity Suite-Enterprise Core and Premium	R203.1	Supported	2021-02	Standalone Software
Forge Cybersecurity Suite-Enterprise Core and Premium	R201.1	Supported	2020-06	Standalone Software
Forge Cybersecurity Suite-Site	R204.1	Current	2021-06	Standalone Software
Forge Cybersecurity Suite-Site	R203.1	Supported	2021-02	Standalone Software
Forge Cybersecurity Suite-Site	R201.1	Supported	2020-06	Standalone Software
HFAM   Alarm Performance Optimizer R1.1.0	R1.0.0	Current	2021-10	Standalone Software
HFAM   Reporting R2.2.0 (Formerly DynAMo Metrics and Reporting)	R2.2.0	Current	2022-07	Standalone Software
Honeywell Forge Inspection Rounds	R8	Current	2021-11	Standalone Software
Honeywell Forge Inspection Rounds	R7	Supported	2020-07	Standalone Software
Honeywell Forge Worker Assist	3.X	Current	2021-10	SaaS Offering
Honeywell Forge Workforce Competency	R520.1	Supported	2021-09	Standalone Software
Honeywell Forge Workforce Competency	R521.1	Current	2022-10	Standalone Software
Honeywell Trace R140	R140.1	Supported	2020-06	Standalone Software
Honeywell Trace R150	150.3	Current	2021-07	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 R541x	R541.2	Supported	2012-01	Software Package
OptiVision R600x	R600.2	Supported	2014-08	Software Package
OptiVision R6.1.0x	R6.1.0.1	Current	2019-10	Software Package
PlantCruise R10x	R100.1	Supported	2013-07	System Software

<b>PlantCruise R11x</b>	R110.2	Supported	2014-09	System Software
<b>PlantCruise R12x</b>	R120.1	Supported	2015-03	System Software
<b>PlantCruise R50x</b>	R500.1	Supported	2017-11	System Software
<b>PlantCruise R51x</b>	R510.2	Supported	2018-11	System Software
<b>PlantCruise R51x</b>	R511.4	Supported	2019-09	System Software
<b>PlantCruise R520</b>	R520.1	Current	2022-03	System Software
<b>PMD R90x</b>	R900.2	Supported	2017-02	System Software
<b>PMD R90x</b>	R900.3	Supported	2020-10	System Software
<b>PMD R91x</b>	R910.2	Supported	2018-12	System Software
<b>PMD R91x</b>	R910.3	Supported	2020-05	System Software
<b>PMD R92x</b>	R920.1	Current	2021-09	System Software
<b>Predict-Amine</b>	R4.0	Supported	2017-09	Standalone Software
<b>Predict-Crude</b>	R2.0	Supported	2015-09	Standalone Software
<b>Predict-O&amp;G</b>	R7.1	Supported	2018-09	Standalone Software
<b>Predict-Pipe</b>	R5.0	Supported	2018-12	Standalone Software
<b>Predict-RT</b>	R140	Supported	2019-06	Standalone Software
<b>Predict-SA</b>	R2.0	Supported	2014-12	Standalone Software
<b>Predict-SW (Sour Water)</b>	R4.0	Supported	2018-12	Standalone Software
<b>Procedure Analyst R41x</b>	R410.0	Supported	2013-01	Standalone Software
<b>Procedure Analyst R43x</b>	R430.1	Supported	2015-06	Standalone Software
<b>Procedure Analyst R50x</b>	R500.2	Supported	2017-03	Standalone Software
<b>Procedure Analyst R51x</b>	R511.1 Patch 1	Current	2020-09	Standalone Software on Experion PKS Media
<b>Process Safety Analyzer R115</b>	R115.1	Supported	2017-06	Standalone Software
<b>Process Safety Analyzer R200</b>	R201.3	Supported	2020-01	Standalone Software
<b>Process Safety Analyzer R210</b>	2.1.0	Current	2022-09	Standalone Software
<b>Profit Blending and Movement R500.y</b>	R500.2	Supported	2016-11	Software Package
<b>Profit Blending and Movement R501.y</b>	R501.3	Supported	2018-05	Software Package
<b>Profit Blending and Movement R510.y</b>	R510.4	Supported	2019-09	Software Package
<b>Profit Suit R50x</b>	R502.1	Supported	2019-12	Standalone Software
<b>Profit Suit R51x</b>	R511.1	Current	2021-08	Standalone Software
<b>Profit Suit R51x</b>	R510.1	Supported	2020-07	Standalone Software
<b>QCS SE</b>	R110.2	Current	2021-08	System Software
<b>Quality OptiMiser R540x</b>	R540.1	Supported	2010-10	Standalone Software
<b>Quality OptiMiser R550x</b>	R550.2	Supported	2014-12	Standalone Software
<b>Quality OptiMiser R560x</b>	R560.1	Current	2017-11	Standalone Software
<b>Risk Manager R170</b>	R170.1 Patch 3	Supported	2018-03	Standalone Software
<b>RTU2020 R11x</b>	R110.1	Supported	2015-06	Standalone Software
<b>RTU2020 R12x</b>	R120.1	Supported	2016-05	Standalone Software
<b>Safety Historian R20x</b>	R202.1	Current	2014-03	System Software
<b>Safety Manager R14x</b>	R146.2	Supported	2010-05	System Software
<b>Safety Manager R15x</b>	R154.5	Supported	2012-04	System Software
<b>Safety Manager R16x</b>	R162.9	Current	2014-10	System Software
<b>Safety Manager SC R20x</b>	R201.2	Supported	2018-08	System Software
<b>Safety Manager SC R210</b>	R210.4	Supported	2020-60	System Software

<b>Safety Manager SC R211</b>	R211.2	Supported	2021-08	System Software
<b>Safety Manager SC R212</b>	R212.1	Current	2023-01	System Software
<b>Secure Media Exchange (SMX)</b>	202.12	Current	2017-08	Standalone Software
<b>Socrates</b>	R10.0	Supported	2019-03	Standalone Software
<b>Symphonite Integration and Analytics R200x</b>	R200.2	Supported	2017-07	Standalone Software
<b>Symphonite Integration and Analytics R201x</b>	R201.2	Current	2020-01	Standalone Software
<b>Symphonite Production Accounting &amp; Reconciliation</b>	R210.1	Current	2019-02	Standalone Software
<b>Symphonite Production Accounting &amp; Reconciliation</b>	R201.2	Supported	2015-08	Standalone Software
<b>Symphonite Production Accounting &amp; Reconciliation</b>	R200.1	Supported	2015-08	Standalone Software
<b>Symphonite RPMS</b>	R510.1.8	Supported	2018-12	Standalone Software
<b>System Inventory Tool R22x</b>	R220.1	Supported	2017-09	Standalone Software
<b>System Inventory Tool R23x</b>	R230.3	Supported	2018-05	Standalone Software
<b>System Inventory Tool R23x</b>	R230.2	Supported	2018-05	Standalone Software
<b>System Inventory Tool R23x</b>	R230.1	Supported	2018-05	Standalone Software
<b>System Inventory Tool R30x</b>	R300.1	Current	2019-09	Standalone Software
<b>Taiji PID 310x</b>	R310.1	Supported	2016-01	Standalone Software
<b>Taiji PID 320x</b>	R320.1	Current	2021-04	Standalone Software
<b>TCMI R10x</b>	R100.8	Current	2017-11	System Software
<b>TPN R687.x</b>	R687.6	Supported	2018-02	System Software
<b>TPN R688.x</b>	R688.6	Supported	2019-01	System Software
<b>TPN R688.x</b>	R688.5	Supported	2019-01	System Software
<b>TPN R688.x</b>	R688.7	Supported	2019-01	System Software
<b>TPN R690.x</b>	R690.1	Supported	2021-09	System Software
<b>TPN R690.x</b>	R690.2	Current	2021-09	System Software
<b>Uniformance Asset Sentinel R51x</b>	R511	Supported	2017-10	Standalone Software
<b>Uniformance Asset Sentinel R52x</b>	R520.7	Supported	July-19	Standalone Software
<b>Uniformance Asset Sentinel R52x</b>	R520.X	Supported	July-19	Standalone Software
<b>Uniformance Asset Sentinel R53x</b>	R531.4	Current	2021-04	Standalone Software
<b>Uniformance Asset Sentinel R53x</b>	R531.1	Supported	2020-08	Standalone Software
<b>Uniformance Executive R31x</b>	R311.1	Supported	2018-03	Standalone Software
<b>Uniformance Executive R32x</b>	R320.1	Current	2018-09	Standalone Software
<b>Uniformance Insight R20x</b>	R200.1	Supported	2018-06	Standalone Software
<b>Uniformance Insight R21x</b>	R210.1	Supported	2019-09	Standalone Software
<b>Uniformance Insight R22x</b>	R220.1	Current	2020-09	Standalone Software
<b>Uniformance KPI R12x</b>	R121.1	Supported	2017-05	Standalone Software
<b>Uniformance KPI R13x</b>	R131.1	Current	2019-11	Standalone Software
<b>Uniformance KPI R13x</b>	R130.1	Supported	2018-03	Standalone Software
<b>Uniformance PHD R34x</b>	R340.1	Supported	2017-10	Standalone Software
<b>Uniformance PHD R40x</b>	R400.1	Supported	2019-06	Standalone Software
<b>Uniformance PHD R41x</b>	R410.1	Current	2021-03	Standalone Software
<b>Uniformance Process Studio R32x</b>	R323.1	Current	2020-04	Standalone Software
<b>Uniformance Process Studio R32x</b>	R322.2	Supported	2016-09	Standalone Software
<b>UniSim Competency Suite</b>	R471.1	Supported	2020-10	Standalone Software

<b>UniSim Competency Suite</b>	R470.1	Supported	2020-01	Standalone Software
<b>UniSim Design</b>	R492	Current	2022-11	Standalone Software
<b>UniSim Design</b>	R491	Supported	2022-05	Standalone Software
<b>UniSim Design</b>	R490	Supported	2021-11	Standalone Software
<b>UniSim Design</b>	R481	Supported	2021-06	Standalone Software
<b>UniSim Design</b>	R480.1	Supported	2020-10	Standalone Software
<b>UniSim Design</b>	R471.1	Supported	2020-01	Standalone Software
<b>UniSim Design</b>	R470.1	Supported	2019-10	Standalone Software
<b>UniSim Design</b>	R461.1	Supported	2019-06	Standalone Software
<b>UniSim Design</b>	R460.1	Supported	2018-05	Standalone Software
<b>Web Order Services 54x</b>	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 following link below (Requires Login)

<https://process.honeywell.com/us/en/support/technical-publication?search=product%2520support%2520guide%2520for%2520control%2520safety%2520and%2520monitoring%2520systems>

#### 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.