

INFORMATION | NEWS | TIPS

JUNE 2023

SYSTEM HINTS

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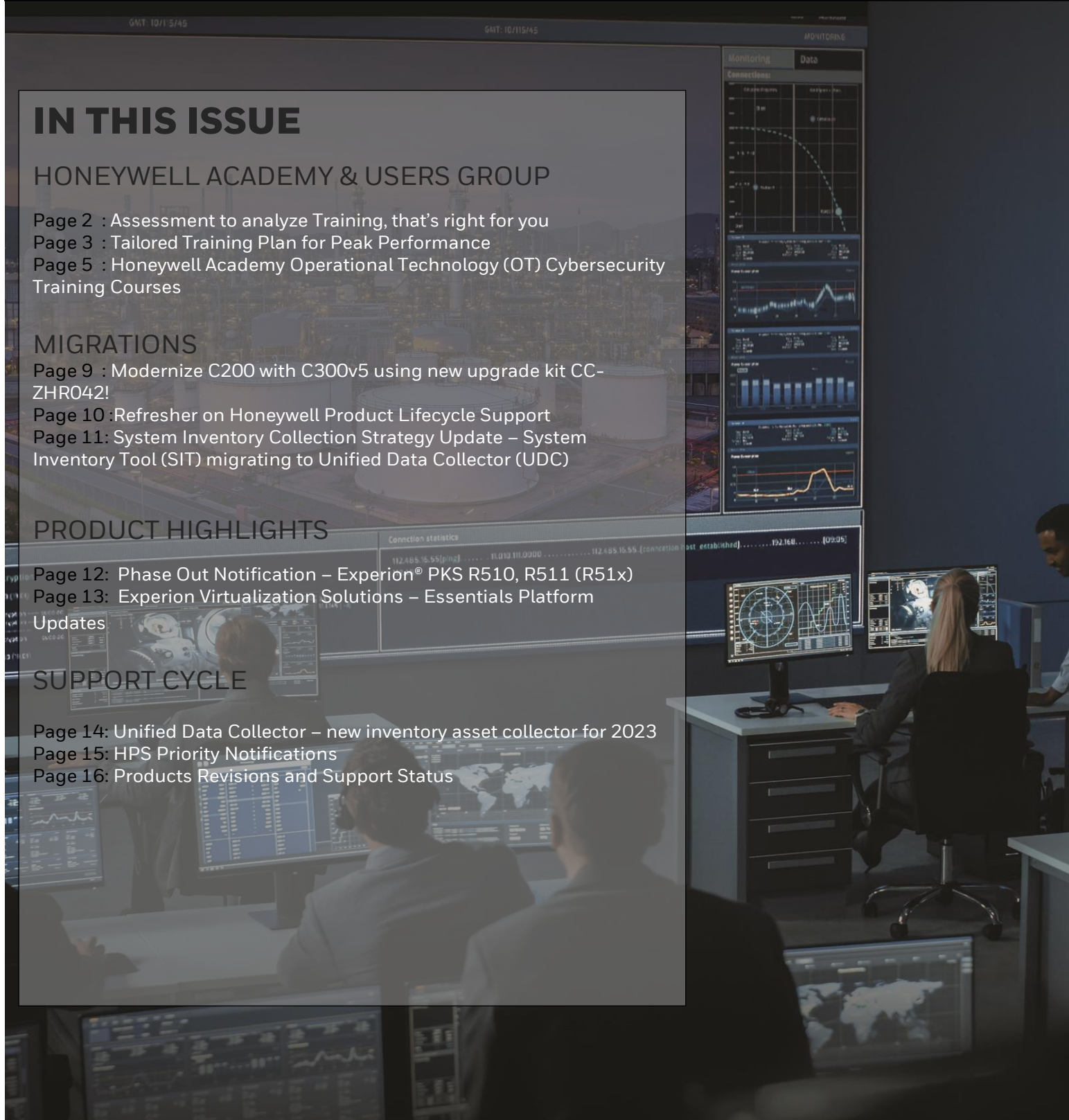
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HONEYWELL ACADEMY

Training Needs Assessment

Assessment to analyze Training, that's right for you



INDUSTRY CHALLENGES

- Workforce Churn
- Improve Productivity - Do More with Less
- Jobs evolving continuously
- Attract & retain top talents
- Ineffectiveness of traditional training methods on new generation of workforce – takes long time to make new hire

AUTOMATION SYSTEM CAPABILITY




**EXPECTED
PERFORMANCE
LEVELS**

Gap Analysis

Competency Development Plan

- Standard Courses
- Customized Courses
- On-Site Training
- E-Learning
- Remote Training

**Training Needs
Assessment**

Pre-Assessment

THE CURRENT SKILL LEVELS OF YOUR WORKFORCE

Training Needs Assessment (TNA) is a service that effectively identifies gaps between the capabilities of your Automation System and the skills of your workforce. The outcome of TNA is a comprehensive training plan, which is focused to improve effectiveness of your plant's personnel, resulting in maximum benefits from your automation investment.

Why Training Needs Assessment?

- According to the Abnormal Situation Management (ASM) Consortium, 40% of process plant losses are attributed to insufficient employee knowledge and Operator/ Maintenance workers' errors.
- The rigorous compliance standards and tighter HSE regulations demand process plants to be safer, as well as more secure. Can Plant Managers afford "on the job learning" or "trial and error learning" approaches?
- The rapid technological changes in the control room (upgraded HMI), marshalling rooms (upgraded controllers) and new field instruments, make it difficult to operate and maintain plants safely, reliably, and efficiently without proper training.

Additional Information and Contacts:

For more information and details about Training Needs Assessment please contact
Your Honeywell Account Manager / For Americas-Canada-Latin America: HPSTrainingUSCANLAR@Honeywell.com / For Europe-Middle East-Africa: HPS-Training-EMEA@honeywell.com / For Asia Pacific: HPS-Training-APAC@honeywell.com /Honeywell Process Solutions Process.Honeywell.com

HONEYWELL ACADEMY

Training Needs Assessment

Tailored Training Plan for
Peak Performance



Training Needs Assessment Process



The Training Needs Assessment will be done in three steps by Honeywell Academy.

1

Collect People Data and Skills Assessment

TNA kicks off with a study of your individuals from organization. This step involves the understanding of your plant's organization and Skills Assessment evaluates the participants' domain knowledge and their job roles.

2

Gap Analysis

Based on the data collected in Step 1, Honeywell Academy will identify your training needs, provides personalized and organizational report based on current competencies. Provides feedback on areas of improvement.

3

Training Plan

Based on the data collected in Step 1 and 2, Honeywell Academy will propose the most suitable Comprehensive training courses. This proposal may include customized on-site courses, standard scheduled courses or remote or E-Learning courses.

For more information and details about Training Needs Assessment please contact
Your Honeywell Account Manager / For Americas-Canada-Latin America: HPSTrainingUSCANLAR@Honeywell.com / For Europe-Middle East-Africa: HPS-Training-EMEA@honeywell.com / For Asia Pacific: HPS-Training-APAC@honeywell.com /Honeywell Process Solutions Process.Honeywell.com

Available multi discipline for

- Technician
- Operator
- Engineer
- Administrator

Products
Safety Manager (SM),
Safety Manager- Safety Controller (SM-SC),
Unit Operations Controller (UOC),
Field Device Manager (FDM),
Experion Process Knowledge System (EPKS)
TPS
Networking
Virtualization
PHD
APC
CPM
QCS
Dynamo
OTS

Value Buying:

Multiuser registration benefits

Users	Value pricing benefit
1	0%
10	5%
15	10%
20	15%
25	20%
50	25%
100	30%

TNA Deliverables:

- Participant Report
- Organizational Report
- Competency Development & Training Plan

For More Information

To learn more about Honeywell's e- Learning Subscription Service please contact your Honeywell Account Manager, Distributor or System Integrator.

Honeywell Academy Admin contacts:

- For Americas-Canada-Latin America: HPSTrainingUSCANLAR@Honeywell.com

- For Europe-Middle East-Africa: HPS-Training-EMEA@honeywell.com

- For Asia Pacific: HPS-Training-APAC@honeywell.com

Honeywell Process Solutions

process.honeywell.com

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HONEYWELL ACADEMY

CYBER TRAINING SPOTLIGHT

Cybersecurity for OT (Operational Technology) and ICS (Industrial Control Systems)

- **CYBERSECURITY FUNDAMENTALS**
- **ADVANCED STANDARDS AND BEST PRACTICES**
- **INCIDENT MANAGEMENT**
- **...AND MORE**

LEARN MORE

Honeywell

Honeywell Academy offers a foundation and advanced Operational Technology (OT) Cybersecurity technology training classes for our customers.

OT Cybersecurity fundamentals and basic awareness course for all plant staff and two specialized courses for customers' own cybersecurity engineers who are responsible for OT Cybersecurity are also offered. Our state-of-art Red team – Blue team workshop on OT cybersecurity, offers deep knowledge and hands on experience to Cybersecurity engineers on attack/defense principles.

Additionally, OT Cybersecurity training is offered for specific OT and ICS (Industrial Control Systems) cybersecurity products and solutions implemented on Industrial Control systems and can be customized to customers' own specific environments.

All the currently available OT Cybersecurity training courses can be found on the [Honeywell Academy training site](#). The standard instructor-led course offerings range from 1 to 4 days and typically can accommodate up to 10 participants at a time. Courses can be delivered as in-person instructor led training (ILT), and Virtual Instructor-Led Training (VILT) courses from Honeywell Academy. On-site options are also available.

Shortages of skilled staff is a very common problem for Cybersecurity in today's current industry situation. This is especially true for OT Operational Technology used in industrial plants, and even more so for ICS, or industrial control automation solutions. Cybersecurity awareness for those involved in the process control network and general plant operations is necessary to safely maintain and operate OT and ICS systems. Even more critical are the skills to manage incident detection and response to reduce the severity and impact of a cyberattack. To meet this need, a new offering "Incident Management" has been added to the OT Cyber course curriculum offered through Honeywell Academy.

Features and Benefits:

- Plant Operators, engineers, and control architects can gain basic and advanced knowledge about OT Cybersecurity technology and protection techniques
- IT personal can learn the differences of OT and ICS cybersecurity framework from enterprise business systems
- Knowledge about advanced network and endpoint protection, hands-on training on existing systems.
- Advanced training through mock exercises allows employees to gain perspective on adversarial and defender roles for OT Cybersecurity through a live cyber-attack scenario.
- Training on site specific technology allows customer employees to learn during planning, implementation, and post maintenance phases of migrations and project execution.

To schedule an OT Cybersecurity course, enroll here: [link](#)

To learn more about how to use Training Match Funds to DOUBLE YOUR VALUE at time of initial, or service contract renewal, read here: [link](#)

See OT Cybersecurity training courses listed below:

CS-0001/CS-0001-VILT: Cybersecurity: Advanced - Honeywell Application Control/Whitelisting Workshop

- Provides an in-depth, technical understanding of Honeywell's Cyber Application Control endpoint security solution through comprehensive coursework and hands-on scenario-based labs.

CS-0002/CS-0002-VILT: Cybersecurity: Advanced - Industrial Offensive and Defensive Cybersecurity Principles: Red Team / Blue Team Workshop

- Red team/blue team workshop.
- Provides a unique insight into the hacker's mindset and techniques, helping students develop defensive strategies. That can then be practiced in head-to-head com.
- Competitions between blue team (defenders) and the red team attackers (hackers).

CS-0003/CS-0003-VILT: Cybersecurity: Advanced - Industrial Cybersecurity Standards and Best Practices

- Covers global cybersecurity standards and the lifecycle phases. Includes endpoint security, network security and cybersecurity processes to help reduce cyber risk.
- Students are introduced to global cybersecurity standards and the cybersecurity lifecycle with its phases of assess, design, implement and maintain.

CS-0004/CS-0004-VILT: Cybersecurity: Fundamentals - Industrial Control Systems (ICS) Cybersecurity Awareness

- Introduction to cybersecurity challenges facing process plants and critical infrastructure.
- Introduces the importance of securing control systems from cyber-attacks and concepts for implementing mitigation strategies.

CS-0005/CS-0005-VILT: Cybersecurity: Advanced - Cybersecurity Incident Management

- Training covers complete overview of ICS/OT incident response and handling step.
- Build important skills through the hands-on labs and exercise.
- Students will be able to apply to their acquired skills directly to their own ICS network and monitor for threats, detect, and perform incident response and recover from cyber incidents based on their own guidelines.

Contact your account manager for more information or write to Honeywell Academy (click here to download individual course flyers: [link](#)):

AMERICAS - US, Canada and Latin America: HPS-Training-US/CAN/LAR@Honeywell.com

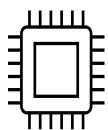
EMEA - Europe, Middle East and Africa: HPS-Training-EMEA@Honeywell.com

APAC - Asia Pacific: HPS-Training-APAC@Honeywell.com

Modernize C200 with C300v5 using new upgrade kit CC-ZHR042!

As a follow on to our March 2023 HINTS article providing update on C200 Migrations, we would now like to provide update on C200 migration path to C300v5. Honeywell is continuously improving and innovating to offer better modernization paths to Honeywell customers. 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 with Series A, Fieldbus, Profibus I/O combinations and supporting IO ControlNet wiring retention
- ✓ C200 to C300v2 Controller - Compatible with most C200 I/O configurations including PM I/O
- ✓ C200 to C300v5 Controller - Upgrade kit CC-ZHR042 is now available for C200 to C300v5 migrations.



Experion PKS C300v5 controller provides higher performance processor, additional memory, enhanced security, configuration integrity through hardware and extended operating temperature range enabling remote location use. It has built in control firewall and supports Control HIVE.

As C300v5 is latest controller using Honeywell's next generation controller platform and is evolving, currently there are certain restrictions on using it, it is important to understand them before planning migration of C200 to C300v5



1. R520.2 is minimum required release for migrating C200 to C300v5
2. C300V5 supports only PM I/Os, it does not support Series A I/Os.
3. C300v5 does not support some custom CCLs. Contact your AM/ Migration COE for getting assistance on supported CCLs
4. C200 to C300v5 migration is off-process and manual migration. Currently C200 Upgrade tool does not support C200 to C300v5 migration
5. The upgrade kit CC-ZHR042 does not include CF9
6. C300v5 needs memory backup module CC-SCMB05, it is not compatible with older CC-SCMB02

If you need CF9 for process segregation, then you will need to order the CC-PCF901 part separately.



As part of Kits and Enhancement program, it is mandatory to return C200 controllers back to Honeywell after migrating C200s to UOCs/C300v2s/C300v5s.

Let us help you to plan the C200 controller upgrades now...!

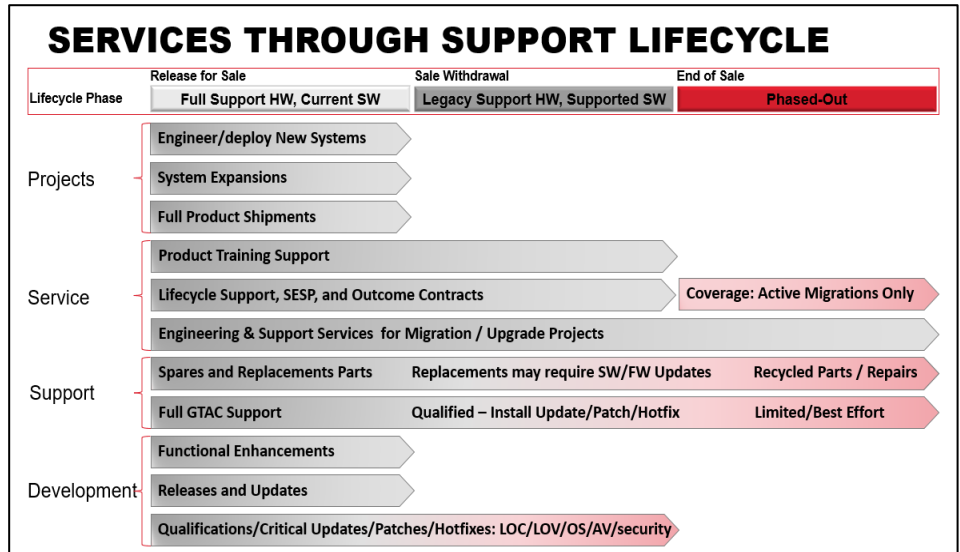
Refresher on Honeywell Product Lifecycle Support Guidelines

System HINTS provides a global customer communication channel, and Honeywell periodically announces both new products and product lifecycle status changes in HINTS. Recent examples include two January 2023 articles:

- Announcement of the Advanced Migration Technologies R130 Release
- Phase Out Notification – Experion® PKS R500, R501 (R50x) [effective March 31, 2023]

We can visualize how lifecycle transitions impact projects, customer operations and maintenance, and level of Honeywell support with the following chart:

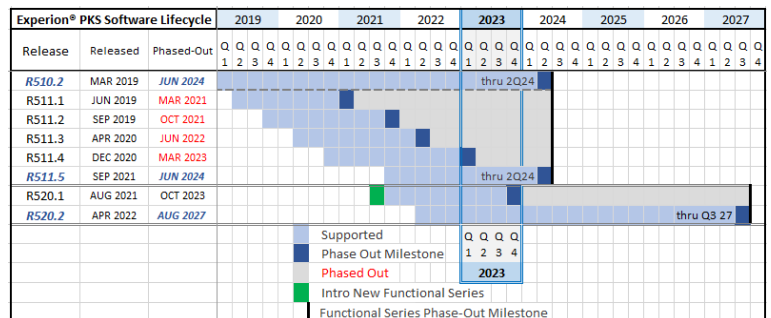
Once a product or software release reaches phase-out in its lifecycle Honeywell stops developing features or patching defects, no longer includes the release or product in qualification test beds and interoperability testing and doesn't perform root cause analysis or escalate issues to Development Engineering.



Key Considerations for customers continuing to operate phased-out software:

- Monthly Operating System and Security qualifications are discontinued (excluded from SUIT / ISO images).
- Experion hot fixes, patches, and updates are no longer available.
- The HPS Technical Services team, GTAC, will always support customers on phased-out releases, limiting scope of work to two core activities:
 - Restore plant operations/service
 - Assist with active migration issues to overcome any barriers to modernization.

Understanding your Experion release lifecycle: Honeywell implemented software “waterfall” graphs in 2022 to help visualize critical end-of-support milestones. With the graph to the right, we can see that the R51x series will transition to phase-out on June 30, 2024. Any upcoming migration should adopt R520.2, supported through August 2027.

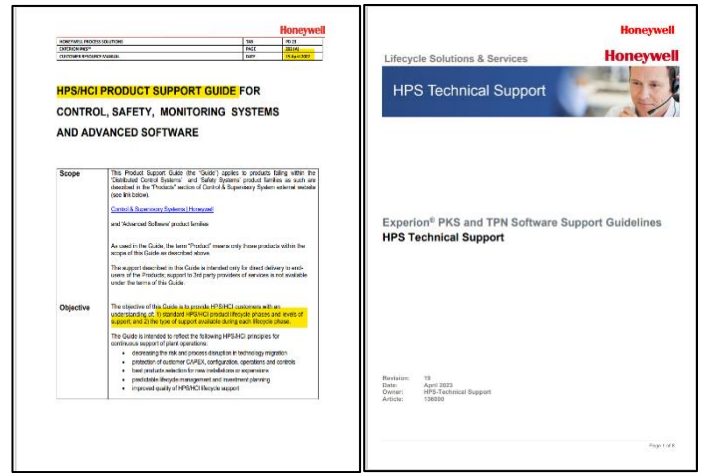


Keeping informed:

Formal HPS Software and Hardware Product Support Guidelines are published in the *Customer Resource Manual*, available at Process.Honeywell.com in the new Technical Publications section (requires login):

<https://process.honeywell.com/Product Support Guide>

HPS Technical Support provides several Knowledge Articles covering Experion and TPN lifecycle status. The Knowledge Article: *Experion® PKS and TPN Software Support Guidelines* are updated periodically with the latest status across releases. Click here to access the [Software Support Guidelines](#) Knowledge Article on Process.Honeywell.com



System Inventory Collection Strategy Update – System Inventory Tool (SIT) migrating to Unified Data Collector (UDC)

Inventory data collection from customer systems is essential for Honeywell Lifecycle Support Services such as contract renewals, migration planning, priority notifications, preventative maintenance task planning, as well as spare parts planning. Over the years the System Inventory Tool has been the means of collecting this information.

In an effort to consolidate and streamline the various data collection needs for customers and Honeywell support the inventory collection responsibilities for TPS and Experion have been migrated to the Unified Data Collector (UDC).

Starting with this year’s SESP contract renewal process UDC will be installed for the Experion and TPS data collection. The below table shows the current comparison between System Inventory Tool and Unified Data Collector. Where necessary the SIT tool will continue to be used to collect data for systems not yet supported by UDC.

Platform Name	System Inventory Tool R300.1	Unified Data Collector R130
TPS	Y	Y
Experion	R400.8 - R520	R410.9 – R520
Safety Manager	Y	Planned for UDC R150
Fail Safe Controller	Y	N
OneWireless	Y	N
Experion MX	Y	Planned for UDC R150
PMD	Y	N
L3 Software	Y	Planned for UDC R150
ControlEdge PLC	N	N
ControlEdge RTU	N	N

The inventory data collected by UDC will still be uploaded into the System Inventory Portal just like before. This is where the customer can view all their control system asset data (both hardware and software). The UDC inventory files are identical to the SIT files so existing Honeywell and customer tools using these files will continue to work.

Unified Data Collector Background

The Unified Data Collector is the preferred method for inventory data collection for TPS and Experion systems. The Unified Data Collector, as the name implies is a newer approach to combining Honeywell's various data collection utilities into a single application. The Unified Data Collector will over time be the single data collector for Enabled Services, Integrated Automation Assessments, System Performance Benchmarking, Preventative Maintenance Data Collection, and GTAC diagnostic data capture. The Unified Data Collector is a software server that is installed on an existing system at L3 or L2. It performs asset discovery and agents are deployed to collect the data from the various nodes. This server-based approach simplifies the inventory collection compared to the System Inventory Tool, which is required to be installed on each B Server.

The Unified Data Collector will be made available free-of-charge and downloadable from Honeywell SoftCo's secure software download center. The software can be installed by a customer or by a qualified Honeywell field service resource.

For questions or more information please contact your local Field Service representative or your account manager.

Phase Out Notification – Experion® PKS R510, R511 (R51x)

Experion PKS R510 and R511 (collectively known as R51x) will be phased out effective July 31, 2024.

As per the HPS/HCI Product Support Guide summarized in the support guidelines ([overview](#), [current status](#) – login required), a system software functional release is intended to be supported for a period of 72 months after the initial release. As Experion PKS R510 was launched in July 2018, this announcement is a formal notification that the entire Experion PKS R51x release train will be phased out.

A phased-out product no longer receives PAR fixes. Technical support for Phased-Out software will be limited to restoration of serious LOV/LOC Incidents. HPS-TS will make commercially reasonable best efforts to assist in restoring operations but will not offer RCA (Root Cause Analysis) once Incidents are restored. We can also provide support to migrate a Phased-Out Software Product to a Full Support Software Product.

We strongly recommend the customers with installed R51x or earlier releases to start proactive migration planning to the latest supported Experion PKS releases. Migration services to upgrade phased-out releases to the latest Experion PKS versions are available and fully supported. Please follow this link for more information on Advanced Migration Technologies.

The latest release, Experion PKS R520.2, is fully supported on Windows 10 and Windows Server 2019, and supports direct migration from Experion PKS R51x.

Experion Virtualization Solutions – Essentials Platform Updates

The following updates are effectively immediately for the Essentials Platforms for Experion Virtualization Solutions:

1. To accommodate the larger storage requirements for VMware management workloads, the primary datastore storage capacity for the MZ-PCVMM5 management host has been increased.
2. The Performance-B host configuration (MZ-PCVM22) has been replaced by MZ-PCVM23 due to processor supply chain challenges.

Please refer to the HPS Virtualization Specification for component and configuration details. For installed management hosts, refer to Knowledge Sharing Mail KSM2021-038 (“Virtualization Management Host Storage Expansion”) for recommendations on expanding the storage capacity on existing hosts.

The following model numbers have been withdrawn by this announcement:

Model Number	Description
MZ-PCVM22	VIRT PC HW DELL R740 MLK PERF-B

The following model numbers have been introduced by this announcement:

Model Number	Description
MZ-PCVM23	VIRT PC HW DELL R740XL INTEL 6234 PERF-B

Unified Data Collector – new inventory asset collector for 2023

The System Inventory Tool (SIT) data collector has been retired and replaced with the Unified Data Collector.

The Unified Data Collector (UDC) is the new method for inventory data collection for TPS and Experion systems. The Unified Data Collector, as the name implies, is a newer approach to combining Honeywell’s various data collection utilities into a single application. The UDC will over time be the single data collector for Asset Data Collection for online contract renewals, Enabled Services, Integrated Automation Assessments, System Performance Benchmarking, Preventative Maintenance Data Collection, and GTAC diagnostic data capture.

The Unified Data Collector is installed on an existing system at L3 or L2; it performs asset discovery and agents are deployed to collect the data from the various nodes. This server-based approach simplifies the inventory collection compared to the System Inventory Tool, which was required to be installed on each B Server.

The Unified Data Collector is available [here](#) (after clicking link, login to download).

The screenshot shows the Honeywell website's technical publications search interface. At the top, the Honeywell logo is on the left, and navigation links for INDUSTRIES, PRODUCTS, SERVICES, SOLUTIONS, SUPPORT, and NEWS & I are on the right. Below the navigation is a breadcrumb trail: Home > Technical Publications. The main heading is 'Technical Publications', with tabs for Search, Favorites, and Saved Searches. The 'Search' tab is active, showing a search bar with the query 'Unified Data Collector for Inventory Collection R130.1' and a 'SAVE SEARCHES' button. Below the search bar, it indicates '10000+ ITEMS' and a 'START OVER' button. A 'Filter By' section on the left allows filtering by 'PRODUCT FAMILY' and 'DOCUMENT TYPE'. The 'PRODUCT FAMILY' filter includes options like 'Advanced Planning & Scheduling (15)', 'Alarm Management (31)', 'Analytical (10)', 'APC - Advanced Process Control (128)', 'Asset Management (51)', 'Batch (1)', and 'Blending & Movement Automation (505)'. The 'DOCUMENT TYPE' filter includes 'Customer Release Guide (99)', 'Customer Resource Manual (204)', and 'DD File (4)'. The search results show two items. The first is 'UNIFIED DATA COLLECTOR FOR INVENTORY COLLECTION R130.1' with a summary: 'This guide explains the System Inventory Tool (SIT) Integration with Unified Data Collector.' and a 'SHOW MORE' button. The second is 'UNIFIED DATA COLLECTOR INSTALLATION AND CONFIGURATION GUIDE R130.1' with a summary: 'This guide describes detailed information on the installation, setup, and maintenance of the Unified Data Collector product site.' and a 'SHOW MORE' button. Both results have a sidebar with 'SHARE', 'ADD TO FAVORITES', 'DOWNLOAD', and 'PREVIEW' options.

HPS Priority Notifications

HPS Priority Notifications are available under

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
<u>PN2023-03A MULTI-PM-IOP CONFIGURATION AND COMMUNICATION ISSUES</u>	PM I\O, Experion PKS	PMIO (AO16, DI, DI24, DO16, DO32, HLAI)	May 4, 2023
<u>PN2023-11 LOSS OF IO-LINK WHILE PERFORMING NON-SAFETY RESET AND SAFETY - RESET WITH ONE CP HALTED</u>	Safety Manager	R1xx, R210, R211, R212	April 27, 2023
<u>PN2023-10 PRIMARY K4LCN BASED ENIM ENB NIM MIGHT FAIL DUE TO INCREASED LOAD ON EUCN/UCN</u>	K4LCN based ENIM, ENB, and NIM	R687.X; R688.X; R690.1, R690.2	April 5, 2023
<u>PN2023-09 RENAMING ODX FIREWALL RULE DUE TO NAME CONFLICT</u>	Experion MX Systems	Experion MX Releases, R704.1 and R704.2	March 29, 2023
<u>PN2023-08 MEASUREMENT OF STATISTICAL ZONE WEIGHT NOT WORKING</u>	Experion MX Systems	Experion MX Releases, R704.1 and R704.2	March 29, 2023
<u>PN2023-07 MICROSOFT DCOM HARDENING PATCH RELATED ISSUE</u>	Experion PMD	None	March 22, 2023
<u>PN2023-06 UNSYNCHRONIZED ELCN APPLIANCE NODES</u>	Experion ELCN System Management	R501, R510, R511, R520, R530	March 10, 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
DynAMo Operations Logbook (DOL) R24x	R240.1	Supported	2020-04	Standalone Software
DynAMo Operations Logbook (DOL) R24x	R246.1	Current	2023-01	Standalone Software

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

Experion MX/MXProLine R70x	R704.2	Current	2022-08	System Software
Experion PKS R51x	R510.2	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	R520.2 U1	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
Operations Safety Advisor R100.x	R100.0	Current	2020-08	SaaS Offering
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
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	Supported	2018-11	System Software

PlantCruise R51x	R511.4	Supported	2019-09	System Software
PlantCruise R520	R520.1	Current	2022-03	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	Supported	2020-05	System Software
PMD R92x	R920.1	Current	2021-09	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	R115.1	Supported	2017-06	Standalone Software
Process Safety Analyzer R200	R201.3	Supported	2020-01	Standalone Software
Process Safety Analyzer R210	2.1.0	Current	2022-09	Standalone Software
Process Safety Workbench v5.0.2.x	v5.0.2.1	Current	2023-02	SaaS Offering / Standalone SW
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	R510.4	Supported	2019-09	Software Package
Profit Suit R50x	R502.1	Supported	2019-12	Standalone Software
Profit Suit R51x	R511.1	Current	2021-08	Standalone Software
Profit Suit R51x	R510.1	Supported	2020-07	Standalone Software
QCS SE	R110.2	Current	2021-08	System 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	R162.10	Supported	2014-10	System Software
Safety Manager SC R20x	R201.2	Supported	2018-08	System Software
Safety Management Systems R210	R210.6	Current	2020-60	System Software
Safety Manager SC R211	R211.2	Supported	2021-08	System Software
Safety Manager SC R212	R212.1	Current	2023-01	System Software
Secure Media Exchange (SMX)	202.12	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	R210.1	Current	2019-02	Standalone Software
Symphonite Production Accounting & Reconciliation	R201.2	Supported	2015-08	Standalone Software
Symphonite Production Accounting & Reconciliation	R200.1	Supported	2015-08	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	R230.3	Supported	2018-05	Standalone Software
System Inventory Tool R23x	R230.2	Supported	2018-05	Standalone Software
System Inventory Tool R23x	R230.1	Supported	2018-05	Standalone Software
System Inventory Tool R30x	R300.1	Current	2019-09	Standalone Software
Taiji PID 310x	R310.1	Supported	2016-01	Standalone Software
Taiji PID 320x	R320.1	Current	2021-04	Standalone Software
TCMI R10x	R100.8	Current	2017-11	System Software
TPN R687.x	R687.6	Supported	2018-02	System Software
TPN R688.x	R688.7	Supported	2019-01	System Software
TPN R690.x	R690.2	Supported	2022-09	System Software
TPN R690.x	R690.3	Current	2023-04	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	R531.4	Current	2021-04	Standalone Software
Uniformance Asset Sentinel R53x	R531.1	Supported	2020-08	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	R131.1	Current	2019-11	Standalone Software
Uniformance KPI R13x	R130.1	Supported	2018-03	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	R323.1	Current	2020-04	Standalone Software
Uniformance Process Studio R32x	R322.2	Supported	2016-09	Standalone Software
UniSim Competency Suite	R471.1	Supported	2020-10	Standalone Software
UniSim Competency Suite	R470.1	Supported	2020-01	Standalone Software
UniSim Design	R492	Current	2022-11	Standalone Software
UniSim Design	R491	Supported	2022-05	Standalone Software
UniSim Design	R490	Supported	2021-11	Standalone Software
UniSim Design	R481	Supported	2021-06	Standalone Software

UniSim Design	R480.1	Supported	2020-10	Standalone Software
UniSim Design	R471.1	Supported	2020-01	Standalone Software
UniSim Design	R470.1	Supported	2019-10	Standalone Software
UniSim Design	R461.1	Supported	2019-06	Standalone Software
UniSim Design	R460.1	Supported	2018-05	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 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.

“SaaS Offering” means any HPS software product which applications are hosted through the cloud and made available to end users over the internet.