

HONEYWELL INFORMATION, NEWS, AND TIPS



OCTOBER 2021

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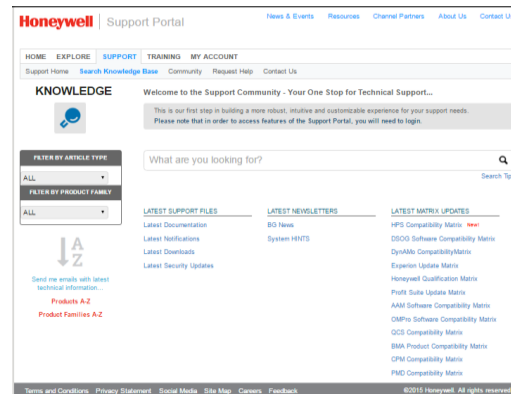
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Experion PKS R520 announcement

Experion PKS R520 launched on August 31, 2021. This is a significant new release, delivering major functionality in a number of areas.

Experion PKS HIVE

Experion® PKS HIVE (Highly Integrated Virtual Environment) uses Honeywell's LEAP™ project execution principles, software and networking to unchain control applications from physical equipment, and controllers from physical IO. This enables control systems to be engineered and implemented in less time, at lower cost and risk, and with simpler, modular builds. The solution also transforms the way control systems are maintained over their lifecycle, shifting day-to-day management of servers to a centralized data center, where experts and established protocols mitigate cybersecurity risk, allowing plant engineers to focus more proactively on optimization of their control systems.

Experion PKS HIVE is made up of three major components:

- Experion PKS IO HIVE decouples IO from control, providing flexible IO and control distribution, enabling the control system to become a natural extension of process equipment and to facilitate modular and parallel project execution.
- Experion PKS Control HIVE uniquely applies control application containers to provide flexibility and standardization of control hardware platforms, control location, and control engineering.
- Experion PKS IT HIVE centralizes up to 80% of IT infrastructure used in project engineering. This allows industrial manufacturers to lower project delivery and lifecycle costs, better leverage skills and drive consistent physical and cybersecurity management.

Experion Batch

The Experion Batch offering has continued to focus on simplifying the overall user experience with several new enhancements:

- Batch History and Reporting – Batch History minimizes the cost associated with deploying and maintaining history by hosting it directly on the Experion Server. The associated reporting tool allows process engineers to create reports with a simple set of tiles that are dragged into place to create great looking reports with no programming necessary at all.
- Campaign/Formula Management – Allows planners and supervisors to easily plan, schedule, dispatch, and track production campaigns without requiring in-depth controls knowledge. Further, campaigns can be scheduled, and individual batches released from a centralized system to individual sites.
- Electronic Work Instructions – Enables customers to digitize their processes, reduce operator entry error, increase data integrity, and feed into the electronic batch record.
- Experion Explorer – View the procedural model of a batch during engineering and navigate to the procedural model hierarchy down to the phase elements.

Unit Operations Controller

We continue to add more functionality to the ControlEdge UOC. Experion PKS R520 adds these great features:

- Custom Algorithm Blocks Support on UOC – Create custom function blocks in Visual Basic that run directly on the UOC.

- OPC UA Server Support - Gain unparalleled connectivity to devices via OPC UA support, directly on the UOC. The Experion PKS Server has supported OPC UA since Experion PKS R510, and adds OPC UA HA supported in Experion PKS R520.

Platform Updates

Experion PKS R520 uses the latest versions of Windows Server 2019, Windows 10, and SQL Server 2019. Experion PKS makes use of the Long Term Servicing Channel (LTSC) of Windows distribution, ensuring we have the longest possible support lifecycle for the underlying OS components.

Honeywell's Application Whitelisting Now Qualified for Experion PKS R520

The new release of Honeywell's Application Whitelisting (AWL) R201.3 is qualified for Experion® PKS R520.

Whitelisting is one of the key advanced endpoint protection tools in an industrial control system environment. It permits only known and trusted applications to run, helping prevent zero day and targeted attacks on these environments that often rely on more vulnerable legacy systems or where regular maintenance is a challenge.

Honeywell's AWL uses software from security specialist VMware® Carbon Black and is deployed by Honeywell's experienced and certified industrial cybersecurity engineers. With input from you, the engineers design, implement, and configure whitelisting on Honeywell and non-Honeywell systems alike by applying our rich industrial-specific expertise to save time-to-operations. Although our solution is vendor-agnostic, it is particularly well-suited for Honeywell customers as the only whitelisting solution qualified for Experion PKS. With this latest release, Honeywell's AWL supports Experion PKS R520, in addition to previously supported R400, R410, R430, R500 and R510.

For more information, contact your local Honeywell account team.

Honeywell Users Groups

Honeywell Process Solutions is looking forward in 2022 to host the 45th in person Honeywell Users Group Americas Symposium.

[The call for papers](#) will open in November, the deadline to submit your abstract to present a paper in Orlando is April 8, 2022.

Please note that the Americas Users Group will be held in Orlando, Florida, USA during May 23-26.

The 32nd face to face Honeywell Users Group EMEA, is scheduled for October 24-27, 2022 at Madrid, Spain.

For any inquiries, please feel free to contact Honeywell@usersgroup.com

Field Device Manager Release 511.5 Update1 Approved for General Release

We are pleased to announce that Field Device Manager (FDM) Release 511.5 Update1 has been approved for general release, to begin shipping on October 4, 2021.

This release represents another major achievement in the evolution of the FDM product line by introducing support for Experion CN100 and C300v5 controllers, including I/O HIVE applications. This release is fully compatible with Experion R520.1, R511.5, R511.4 and R501.6. Windows server 2016 support in concurrent with Experion R520.1 release compatibility.

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 supports DD (Device Descriptor)/EDDL (Electronic Device Description Language) technology for HART, Fieldbus and ISA100 Wireless devices. It also supports Field Device Tool/ Device Type Manager (FDT/DTM) technology for HART, PROFIBUS and Fieldbus devices. As part of PROFIBUS support, FDM handles PROFIBUS PA and DP devices and HART-over-PROFIBUS Remote I/O.

Prerequisites for FDM R511.5 Update1 upgrade scenarios:

1. If you are using FDM R511.4 or FDM R511.5 then you can directly upgrade to FDM R511.5 Update 1
2. If you are using FDM R511.1 or FDM R511.2, you must first upgrade to FDM R511.4, and then upgrade to FDM R511.5 Update 1. See the FDM R511.4 Software Change Notice for more details.

Trace R150 Now Available

Honeywell Trace™ is a best -in-class solution for control system knowledge capture and documentation to maintain constant situational awareness for system configuration, health, and performance for informed decision making. Its patented approach for automated data collection provides a simplified way to track Honeywell control system changes and identify engineering and system anomalies and defects, which eliminates errors and enhances decision making.

The new Trace R150 supports systems such as Experion LX/Plant Cruise, ControlEdge PLC, User-Defined Custom Systems, and Experion PKS 515 and 520. The available features include:

- Experion Server-Station Configuration (Trends, Groups, History, Dynamic Alarms)
- Bulk export of Trace data (graphical views, references, properties)
- OPCG + OPCl support for third-party systems
- User-defined exclusion lists for change detection
- Graphical view improvements in Tag Reference (greater information density, navigation improvements)
- TPS hardware address referencing support

- Parameter query performance improvements
- Enhanced security and reliability for data collection
- Global search enhancements and UI improvements

Please contact your Account Manager to [learn more](#).

Honeywell Forge Workforce Competency R520.1 Released

Honeywell continues to evolve its solution combining training simulation and competency assessment to support plant operations and built with the goal of delivering comprehensive training programs at scale. It allows operations staff to interact with processes during their entire life cycle. Simulation uses a collection of digital twins including a first principles process model and integrated controls system used in the design, validation, commissioning, and optimization phases of processes as well as training board operators at facilities.

Renaming of the Workforce Competency solution and its associated modules starts with this release. The chart below maps the name changes. Industry-leading dynamic simulation engine, UniSim® Design, is still part of the Workforce Competency solution.

Previous Names (R471)	New Names (As of R520)
UniSim Competency Suite	Honeywell Forge Workforce Competency
UniSim Operations	Honeywell Forge Process Training Simulator
UniSim Tutor	Honeywell Forge Tutor
UniSim Curriculum	Honeywell Forge Curriculum
UniSim ProSim	Honeywell Forge ProSim

The enhancements to Workforce Competency are designed to support higher-fidelity Safety Manager training integration, easier installation of modules, and enhanced Immersive Field Simulator (IFS) report information.

Enhancements include:

- Safety Manager Adapter: This adapter is the largest part of this release; this is the first time training is enabled for the actual Honeywell Safety Manager solution as configured at the plant. This integration of the solution is also meant to increase ease of updates, using fewer steps and less expertise.
 - Integration with SIM-SM (simulated safety controllers) for SC R211.1 and later versions
- Safety Manager Emulation:
 - Emulation Toolkit enhanced to support new Functional Logic Diagrams (FLD) export format from Safety Manager SC R211.2 onwards
- Product install package is restructured into smaller purposeful packages:
 - Separate installation for Tutor modules package
 - Individual install package for different DCS Simulation Servers
 - Scripting capability for unattended installation
- Immersive Field Simulator Adapter:
 - Evaluation reports are enhanced to include field operator name when evaluations are taken together by panel operator and field operator.

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

- 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

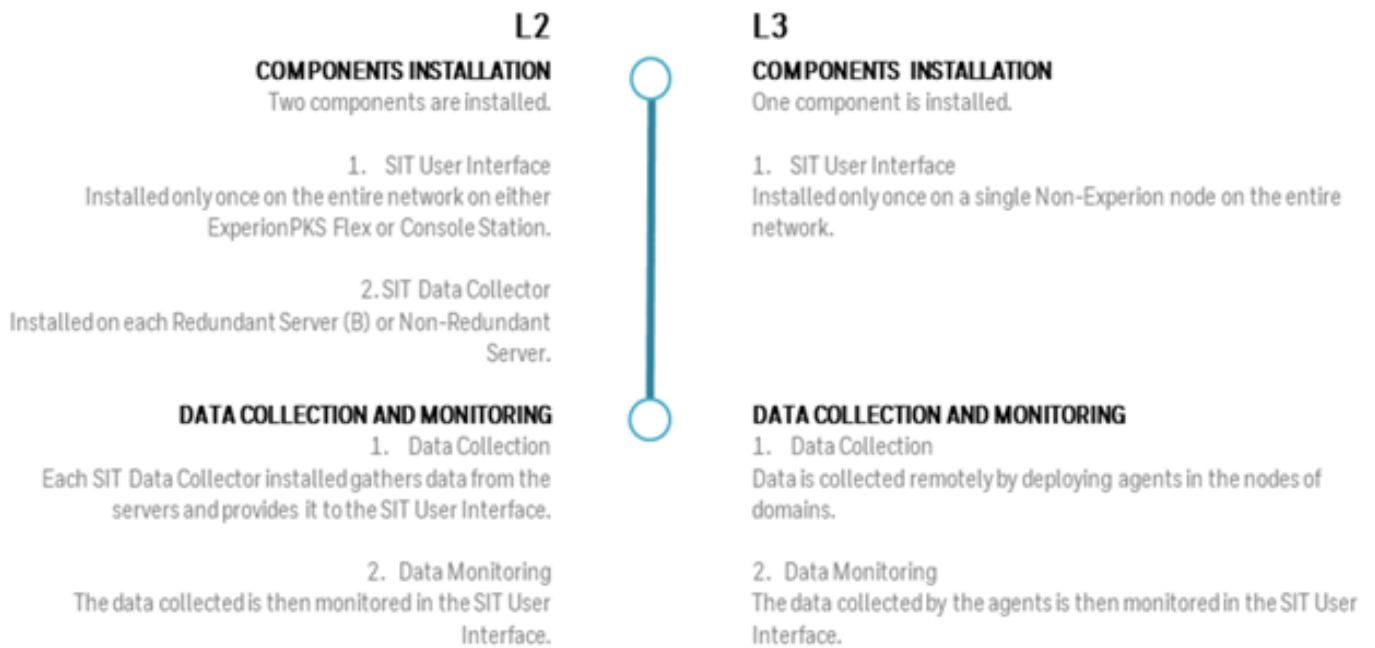
Matrikon OPC Server for Siemens PLCs

- 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 to 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

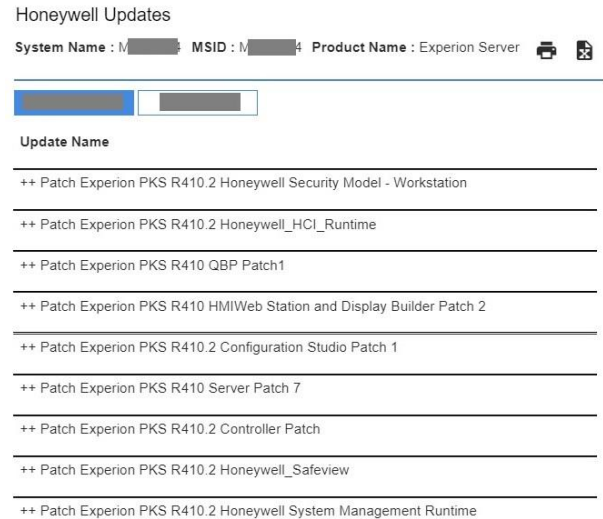
All assets are listed by Site > MSID and user-defined system names, and because each system name is assigned to its respective MSID, finding systems is easy—even if you don't know the MSID name.

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.



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

What data does the tool collect?

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

How can you view your data?

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

Series C I/O

System Name : M-4 MSID : M-4

IO Link	Name	Model	Slot/Card#	Hardware Revision	Boot FW	App FW	Serial
23BIOLINK_1A	DI_HV_23	CC-PDIH01	23A	C	04.01.03	04.01.08	3
23BIOLINK_1A	DI_HV_19	CC-PDIH01	19A	C	04.01.03	04.01.08	5
23BIOLINK_1A	DO_24B_33	CC-PDOB01	33A	G	04.01.03	04.01.08	1
23BIOLINK_1A	DO_24B_32	CC-PDOB01	32A	G	04.01.03	04.01.08	3
23BIOLINK_1A	DI_HV_22	CC-PDIH01	22A	C	04.01.03	04.01.08	2
23BIOLINK_1A	DO_24B_31	CC-PDOB01	31A	G	04.01.03	04.01.08	8
23BIOLINK_1A	DI_HV_25	CC-PDIH01	25A	C	04.01.03	04.01.08	3
23BIOLINK_1A	DI_HV_24	CC-PDIH01	24A	C	04.01.03	04.01.08	5
23BIOLINK_1A	DI_HV_21	CC-PDIH01	21A	C	04.01.03	04.01.08	7

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.

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 Web Portal Training](#)

[System Inventory Tool Portal](#)
[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 Allen Bradley PL Classic EtherNet	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	4/1/2020	Standalone Software
Control Performance Monitor R60x	R601.3	Supported	2018-05	Standalone Software
Control Performance Monitor R60x	R602.5	Supported	2020-02	Standalone Software
Control Performance Monitor R60x	R603.1	Supported	2020-10	Standalone Software
Control Performance Monitor R60x	R603.2	Current	8/1/2021	Standalone Software
ControlEdge 2020 R14x	R140.1	Supported	2017-04	Standalone Software
ControlEdge 2020 R15x	R151.1	Supported	2018-11	Standalone Software
ControlEdge 2020 R16x	R160.2	Supported	2019-12	Standalone Software
ControlEdge 2020 R16x	R161.1	Current	2020-04	Standalone Software
ControlEdge HC900 R60x	R600.1	Supported	2014-04	Standalone Software
ControlEdge HC900 R62x	R620.1	Supported	2016-09	Standalone Software
ControlEdge HC900 R63x	R630	Supported	2017-04	Standalone Software
ControlEdge HC900 R65x	R650	Supported	2018-06	Standalone Software
ControlEdge HC900 R66x	R660.2	Supported	2018-12	Standalone Software
ControlEdge HC900 R70x	R700	Current	2019-12	Standalone Software
ControlEdge PLC R15x	R151.1	Supported	2018-11	Standalone Software
ControlEdge PLC R15x	R152.1	Supported	2019-04	Standalone Software
ControlEdge PLC R16x	R160.2	Supported	2019-12	Standalone Software
ControlEdge PLC R16x	R161.1	Current	2020-04	Standalone Software
DynAMo Alerts & Notifications (A&N) R200	UA R321.2	Supported	2013-10	Standalone Software
DynAMo Documentation & Enforcement (D&E) R200	ACM R321.12	Supported	2016-05	Standalone Software
DynAMo Metrics & Reporting (M&R) R200	R202.1	Supported	2017-03	Standalone Software
DynAMo Metrics & Reporting (M&R) R210.1	R210.1	Current	2020-05	Standalone Software
DynAMo Operations Logbook (DOL) R22x	R220.3	Supported	2018-06	Standalone Software
DynAMo Operations Logbook (DOL) R23X	R230.2	Supported	2019-04	Standalone Software
DynAMo Operations Logbook (DOL) R24x	R243.2	Current	2020-04	Standalone Software
DynAMo Operations Monitoring (DOM) R22x	R220.3	Supported	2018-06	Standalone Software
DynAMo Operations Monitoring (DOM) R23x	R230.2	Supported	2019-04	Standalone Software
DynAMo Operations Monitoring (DOM) R24x	R243.2	Current	2020-04	Standalone Software
Experion Backup and Restore R50x	R500.1	Supported	2017-04	Software Package
Experion Backup and Restore R50x	R501.1	Supported	2017-04	Software Package
Experion Backup and Restore R50x	R501.2	Supported	2017-04	Software Package
Experion Backup and Restore R50x	R501.3	Current	2017-04	Software Package
Experion HS R41x	R410.1	Supported	2013-07	System Software
Experion HS R43x	R430.1	Supported	2015-03	System Software
Experion HS R50x	R500.3	Supported	2017-08	System Software

Experion HS R51x	R510.2	Supported	2018-09	System Software
Experion HS R51x	R511.1	Current	2018-09	System Software
Experion LS R30x	R300.1	Supported	2009-11	System Software
Experion LS R40x	R400.1	Current	2011-06	System Software
Experion LX R11x	R110.2	Supported	2014-09	System Software
Experion LX R12x	R120.1	Supported	2015-03	System Software
Experion LX R50x	R500.2	Supported	2017-11	System Software
Experion LX R51x	R510.2	Current	2018-11	System Software
Experion MX CD Controls R70x	R700.1	Supported	2017-03	Software Package
Experion MX CD Controls R70x	R701.2	Supported	2018-05	Software Package
Experion MX CD Controls R70x	R702.1	Supported	2019-06	Software Package
Experion MX CD Controls R70x	R703.1	Supported	2021-02	Software Package
Experion MX CDMV Controls R70x	R700.1	Supported	2017-03	Software Package
Experion MX CDMV Controls R70x	R701.1	Supported	2018-05	Software Package
Experion MX CDMV Controls R70x	R702.1	Supported	2019-06	Software Package
Experion MX CDMV Controls R70x	R703.1	Current	2019-06	Software Package
Experion MX MD Controls R70x	R700.1	Supported	2017-03	Software Package
Experion MX MD Controls R70x	R701.1	Supported	2018-05	Software Package
Experion MX MD Controls R70x	R702.1	Supported	2019-06	Software Package
Experion MX MDMV Controls R70x	R700.1	Supported	2017-03	Software Package
Experion MX MDMV Controls R70x	R701.3	Supported	2018-05	Software Package
Experion MX MDMV Controls R70x	R702.1	Supported	2019-06	Software Package
Experion MX MDMV Controls R70x	R703.1	Current	2021-02	Software Package
Experion MX/MXProLine R70x	R700.5	Supported	2017-03	System Software
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	7/1/2021	Standalone Software
Honeywell Forge Inspection Rounds	R5	Current	11/1/2021	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	8/1/2021	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	2020-06	(blank)
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 R130	R130.1	Supported	2020-06	Standalone Software
System Performance Analyzer R140	R140.1	Current	2021-02	Standalone Software
Taiji PID 310x	R310.1	Supported	2016-01	Standalone Software
Taiji PID 320x	R320.1	Current	2021-04	Standalone Software
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	10/1/2017	Standalone Software
Uniformance Asset Sentinel R52x	R520.7	Supported	7/1/2019	Standalone Software
Uniformance Asset Sentinel R52x	R520.X	Supported	7/1/2019	Standalone Software
Uniformance Asset Sentinel R53x	R531.1	Supported	8/1/2020	Standalone Software
Uniformance Asset Sentinel R53x	R531.4	Current	4/1/2021	Standalone Software
Uniformance Executive R31x	R311.1	Supported	2018-03	Standalone Software
Uniformance Executive R32x	R320.1	Current	2018-09	Standalone Software

Uniformance Insight R20x	R200.1	Supported	2018-06	Standalone Software
Uniformance Insight R21x	R210.1	Supported	2019-09	Standalone Software
Uniformance Insight R22x	R220.1	Current	2020-09	Standalone Software
Uniformance KPI R12x	R121.1	Supported	2017-05	Standalone Software
Uniformance KPI R13x	R130.1	Supported	2018-03	Standalone Software
Uniformance KPI R13x	R131.1	Current	2019-11	Standalone Software
Uniformance PHD R34x	R340.1	Supported	2017-10	Standalone Software
Uniformance PHD R40x	R400.1	Supported	2019-06	Standalone Software
Uniformance PHD R41x	R410.1	Current	2021-03	Standalone Software
Uniformance Process Studio R32x	R322.2	Supported	2016-09	Standalone Software
Uniformance Process Studio R32x	R323.1	Current	2020-04	Standalone Software
UniSim Competency Suite	R470.1	Supported	2020-01	Standalone Software
UniSim Competency Suite	R471.1	Supported	2020-10	Standalone Software
UniSim Design	R460.1	Supported	2018-01	Standalone Software
UniSim Design	R461.1	Supported	2019-04	Standalone Software
UniSim Design	R470.1	Supported	2019-10	Standalone Software
UniSim Design	R471.1	Supported	2020-10	Standalone Software
UniSim Design	R480.1	Supported	2020-10	Standalone Software
UniSim Design	R481	Current	2021-06	Standalone Software
Web Order Services 54x	R540.1	Current	2014-08	Standalone Software

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

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

Definitions:

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

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

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