

# HONEYWELL INFORMATION, NEWS, AND TIPS



OCTOBER 2019

## In This Issue

Global Honeywell Users Groups 2019 – and announcement HUG 2020 dates .....2

Experion Migration Assistant - For a new and improved Experion Migration Project experience!!.....2

Honeywell Computer Platforms released.....3

New Honeywell compact scanner helps Paper and Flat sheet manufacturers drive quality more profitably.....4

Honeywell and Papertech collaborate on camera-based quality control system for the flat sheet industries .....5

C200/C200E Controller Lifecycle Status Change and Update .....6

Completion of LCN migration to Experion LCN.....10

Product Announcement : System Inventory Tool R300.1.....11

Honeywell System Inventory Tool What is it, Why Do I Need It.....13

The System Inventory Tool and Portal are available at [www.honeywellprocess.com/support](http://www.honeywellprocess.com/support).....15

System Inventory Tool : Available with no purchase required.....16

Why it's important to use the latest version of the System Inventory Tool.....17

System Inventory Tool and Experion PKS Compatibility Matrix.....17

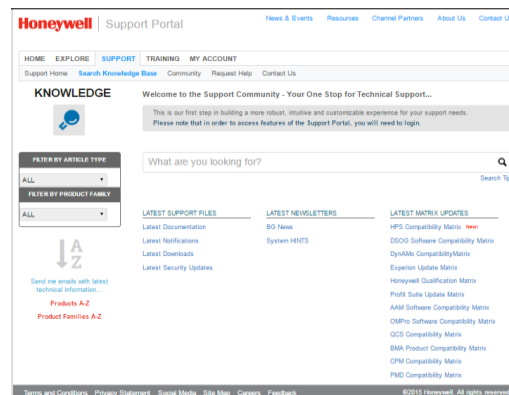
HPS Priority Notifications.....18

Products Revisions and Support Status .....19

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*The Search Knowledge Base page allows you to search our Knowledge Base with many technical support-related articles. So, if you need technical assistance, try the Knowledge Base first!*



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You can also [create a Support Request online](#). You can monitor your Support Request cases by visiting the [Request Help](#) page. For all other support queries, please [contact our Customer Contact Center](#).

*For questions or comments related to the HINTS newsletter, please write to [HPS System HINTS](mailto:HPS.System.HINTS).*

## Accessing 2019 HUG Materials – and Planning for the 2020 Events

Presentations and photos from the 2019 Honeywell Users Group (HUG) events are available on our website at [www.honeywellusersgroup.com](http://www.honeywellusersgroup.com). Select “Americas” or “EMEA” and then choose “Presentations.” See the log-in at the upper right corner of the HUG presentations page to access the end-user presentations you want. Please note that **you must be logged in**.

If you wish to send any additional requests, comments or suggestions regarding this year’s HUG events, please feel free to email us at [usersgroup@honeywell.com](mailto:usersgroup@honeywell.com).

The 2020 HUG dates and locations include:

- **Americas Users Group, June 21-25, Orlando, Florida**
- **EMEA Users Group, October 12-15, Madrid, Spain**

We encourage you to engage with the global HUG community year-round by following our [LinkedIn company page](#).

## Experion Migration Assistant Enables Improved Project Experience

In 2016, Honeywell announced and launched a new, web-based platform for the project administration of Experion PKS software migrations. All the project management activities related to Experion migrations will be conducted using this new platform known as Experion Migration Assistant, or EMA, for short.

In case you missed the announcement, here is a short refresher.

EMA is an online, customer-accessible portal integrated into [www.honeywellprocess.com](http://www.honeywellprocess.com) that assists Honeywell customers and employees in managing their Experion software migration projects.

From registration through to closeout and feedback, every step in the migration process is driven by user-assigned tasks with live status updates and automated reminders for action owners.

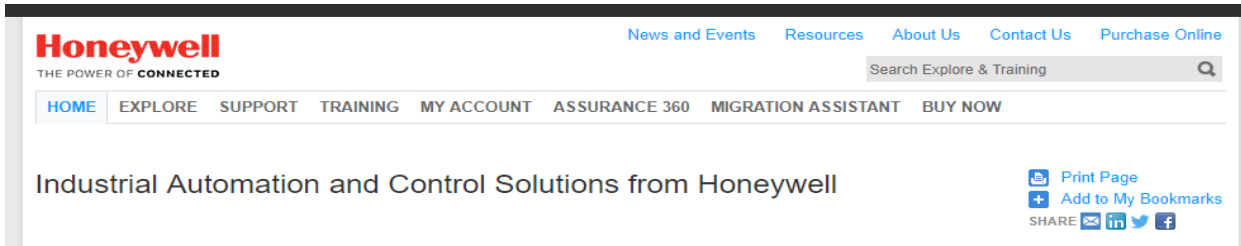
EMA will also provide online and offline variants of the Scope Definition Form (SDF) used to collect site information. A single user interface tool called Experion Pre-Migration Data Aggregator (EPDA) can be downloaded from EMA and used for collecting the process data required for Migration Center of Excellence (CoE) review of site migration readiness.

Through the use of EMA in migration projects, Honeywell intends to reduce the administrative burden, improve communication and ensure all stakeholders have 24X7 access to the current status of the migration project.

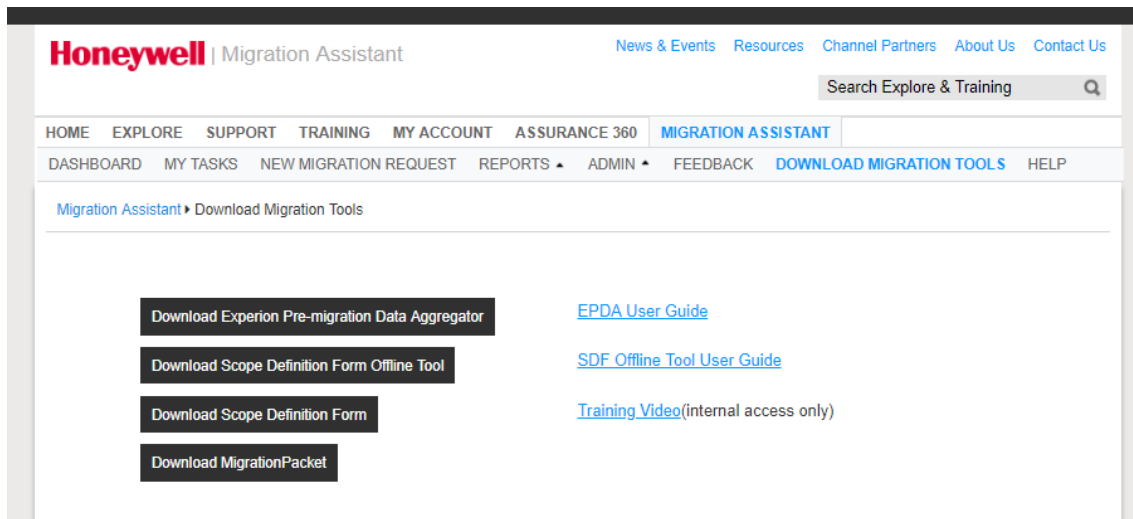
EMA allows easy feedback to the Migration CoE on how a migration is proceeding.

For additional information, please contact the [Migration COE](#).

- Login and raise your request in EMA instantly.



- Download migration tools instantly.



## Honeywell Computing Platforms Released

Honeywell has released several computing platforms. This hardware has been specifically engineered to provide a superior lifecycle experience in the areas of commissioning, operations, troubleshooting, upgrades, and maintenance. Key characteristics of the platforms include:

- Globally available throughout Honeywell
- Standardized and performance-tested configuration to eliminate compatibility issues
- Global support through Honeywell support channels

The new Honeywell computing platforms include:

Model Number	Description	Based on
MZ-PCSV84	Rack Server, Performance Profile	HPE DL360 Gen10
MZ-PCSV66	Rack Server, Standard Profile	Dell R240XL

The following Honeywell computing platforms have been withdrawn from sale:

Model Number	Description	Based on
MZ-PCSV83	Rack Server, Performance Profile	HPE DL360 Gen9

## New Compact Scanner Helps Paper and Flat Sheet Manufacturers Drive Quality More Profitably

Honeywell's new Experion MX Q6088 Compact Scanner merges 50 years of scanning measurement experience with cutting-edge cloud technology to reduce total cost of ownership.



The Industrial Internet of Things (IIoT)-enabled scanner is specifically designed for paper producers, flat sheet manufacturers and original equipment manufacturer (OEM) machine vendors with demanding measurement and control performance requirements, providing a cost-effective solution for producers that require few measurements.

Incorporating five decades of Honeywell experience providing equipment for harsh paper and flat sheet machine environments, the new scanner delivers high-performance measurement, reliability, and low total cost of ownership in a compact form factor that fits tight machinery spaces. Its IIoT-enabled design simplifies all aspects of lifecycle service and production optimization through [Honeywell QCS 4.0](#), a software-as-a-service quality control offering.

“For years, paper manufacturers and OEMs have purchased more complex scanners than necessary for many of their quality control needs, resulting in considerable, unwarranted technology investments,” said Paul Baker, product manager for quality control system scanners and sensors, Honeywell Process Solutions. “The Q6088 gets the job done with the performance and precision customers expect from Honeywell, with best-in-class sensors, a compact and environmentally protected design, and 24/7 reliability.”

The Experion MX Q6088 Compact Scanner's innovative design supports a broad portfolio of high-performance sensors, including combined weight and moisture measurement with Honeywell's MXIR

infrared sensor technology. For many applications, this means eliminating the need for a nuclear source. The Q6088 compliments Honeywell's quality control system for the paper industry – **Experion MX** – with advanced multivariable machine direction and cross direction controls for consistent quality and fast production transitions. It is suitable for most paper and flat sheet manufacturing processes, including tissue, board and coating lines.

The scanner leverages Honeywell's QCS 4.0, which transforms data into actionable insights for improved process quality and production performance. The cloud-based solution continuously monitors scanner and sensor health, production quality, and control/process performance, delivering a "call to action" to stakeholder mobile devices. QCS 4.0 securely connects critical production assets to Honeywell cloud analytics. Access anytime, anywhere from any device enables effective maintenance, performance management, and expert-guided production optimization regardless of the level of worker skills available at the site.

Honeywell made the announcement at its 2019 Honeywell Users Group EMEA, which took place September 23-26 in The Hague, Netherlands. More than a thousand delegates from 47 countries attended the roundtables, customer and technology sessions presented under the theme of "Reveal your best. Data. Insights. Outcomes."

For more information, visit [Honeywell QCS 4.0](#).

## **Honeywell and Papertech Collaborate on Camera-based QCS for Flat Sheet Applications**

**Offering fuses Honeywell's expertise in flat sheet quality control systems with Papertech's know-how in web monitoring and inspection to help manufacturers boost production quality and efficiency**

Honeywell has announced its collaboration with [Papertech](#) to develop and market [TotalVision™](#), a connected, camera-based detection system for the flat sheet industries. This offering fuses Honeywell's expertise in flat sheet quality control system (QCS) technology with Papertech's know-how in web monitoring and inspection to help manufacturers boost production quality and efficiency.

The TotalVision system enables customers to identify and resolve defects on the production line, improving quality and efficiency. The fully integrated, total quality control solution is designed for flat sheet and film processes in which surface detection and production break monitoring capabilities are critical for competitive success. This includes paper, pulp, tissue, board, extruded film, calendaring, lithium-ion battery, copper, and aluminium foil producers.



Combining Honeywell's **ExperionMX** technology with Papertech's market-leading TotalVision defect detection and event capturing capabilities, the solution provides a single-window operating environment for all aspects of process and quality control. Customers benefit from faster root cause determination of runnability and quality problems, thereby saving significant time in lost or downgraded production. When integrated with connected offerings such as [Honeywell QCS 4.0](#), system data and analytics can be accessed anytime, anywhere, from any device.

"Honeywell represents an ideal collaborator for Papertech as our industry-leading WebInspector WIS, WebVision web monitoring system and TotalVision camera system seamlessly integrate with Honeywell's QCS for a range of industries," said Kari Hilden, CEO of Papertech Inc. "We look forward to working with the global Honeywell team and their customers."

Honeywell will continue to support existing camera system users with parts and services, while offering an easy migration path to the new solution. Given the collaborative nature of the agreement, customers can choose to take a single party, single-window approach, or engage with Honeywell and Papertech separately.

"As the world moves from plastic to biomaterial-based packaging, and from hydrocarbon-based transportation to electric vehicles, flat sheet producers are under increased pressure to ensure output consistently meets a variety of performance and safety requirements," said Michael Kennelly, global business leader for sheet, film and foil industries, Honeywell Process Solutions. "By bringing together Honeywell's core strengths of measurement, control, connected applications and services in flat sheet production with Papertech's leadership in web monitoring and inspection systems, we uniquely provide customers with that capability along with industry-beating lifecycle costs."

Papertech is a leading global machine vision system supplier for a range of web-based production lines with more than 1200 TotalVision installations in 42 countries. It is part of the [IBS Paper Performance Group](#), a company with a more than 50-year history in delivering papermakers a full range of proven machine efficiency and product quality optimization solutions.

For more information, please visit [Honeywell Quality Control Systems](#) and [Papertech TotalVision solutions](#).

## **C200/C200E Controller Lifecycle Status Change and Update**

This is the notification of Honeywell transitioning the C200/C200E platform from 'Legacy' to 'Phase out' lifecycle phase in year 2020 accordance with the HPS support policy for "Control, Safety and Monitoring systems". Since the October 2015 announcement regarding the C200/C200E, there has been a fully supported C200/C200E to C300 migration solution. Starting in Experion release R511.1, C200/C200E can now be migrated to the Unit Operation Controller (UOC) or the virtual UOC (vUOC). UOC controller enables customer to retain Series A IO infrastructure, Series A IO modules, control strategies, graphics, history and trends.

The following are key dates to consider for C200/C200E systems:

1. Sale Withdrawal for New Installations and Expansions for C200/C200E was announced in 2015. The product continues to receive selected level of support including supply of spare and Certified Recycled Parts based on best efforts. No new enhancement or functionality has been added, since this announcement.
2. On December 31, 2020 C200/C200E will be transitioned to Phased-out lifecycle phase. The product continues to receive repair and exchange on-availability hardware support.
3. Series A I/O will be supported under Legacy lifecycle phase until 2022. This includes the ability for the Series A I/O to co-exist with and be replaced by the equivalent 1756 I/O as highlighted in our User's Manual.
4. There are no current plans to discontinue Experion releases and TAC support for C200/C200E

There are now three general types of C200/C200E upgrades available:

### **C200/C200E to C300 with Process Manager I/O (PMIO) - Tools and kits available today**

**Description:** C200/C200E systems that are connected to PMIO via IOLIMs (IO Link Interface Modules).

**Upgrade Approach:** A C200 to C300 upgrade kit has been designed to allow for a simple hardware upgrade without requiring additional space. The C200 controller chassis can be replaced with a redundant C300 controller that has been modified to fit in the space of a single C200/C200E chassis. Control strategies can be imported to the C300 controller via engineering tools with minimal to no change. Graphics remain the same. Each C200/C200E controller can be migrated individually, allowing the system to be gradually converted to C300 rather than all at once. By upgrading to the C300, this solution can retain IO modules and field wiring, keep graphics unmodified, allow control strategies to be migrated with little or no change, and allows the system to be gradually converted to C300. The supervisory network must be upgraded to Fault Tolerant Ethernet.

The upgrade procedure may be conducted while the system remains online.

### **C200/C200E to C300 with Series A (Chassis) IO - Solutions and tools available today.**

**Description:** Any system that uses Series A I/O modules, often in remote (downlink) chassis.

**Upgrade Approach:** The C200/C200E controller will be replaced with the C300 controller, in a manner that leaves IO modules in place and untouched. CNI communication cards in IO chassis will be replaced by FTE Bridge, these FTEB will be used to communicate the Series A IOs to the C300s. Using this technique, Series A IOs will be untouched. We have an expert team of individuals that can help with this type migration scenario. Each migration will have subtle differences so it is important to engage our teams to assess the system requirements and a tailored migration approach can be designed.

### **C200/C200E to UOC/vUOC with Series A (Chassis) IO - Tools available today.**

**Description:** Any system that uses Series A I/O modules

**Upgrade Approach:** The C200/C200E controller will be replaced with the new UOC/vUOC controller. UOC controller can be connected using Star or Ring topology, it can communicate over the EIP protocol or CIP Pass through. Customers can choose the suitable topology and use the UOC as replacement to the C200/C200E controller. Using this technique, Series A IOs will be untouched. We have an expert team of individuals that can help with this type migration scenario. Each migration will have subtle differences so it is important to engage our teams to assess the system requirements and a tailored migration approach can be designed.

Please contact your account manager for more details.

The following parts are affected by this announcement:

Model Number	Description	Model Number	Description
1756-DNB	DEVICENET BRIDGE/SCANNER MODULE	TC-ORC161	RELAY OUTPUT 16 NO
1756-DNB/A	DEVICENET BRIDGE/SCANNER MODULE	TC-PBFO01	CONTROLNET REPEATER ADAPTER HAZ 1
1757-CN2FF	ALLEN-BRADLEY FIELDBUS LINKING DEVICE	TC-PCIC01	Cnet Intrfc. Mod. for PC
SST-PB3-CLX	PROFIBUS INTERFACE MODULE	TC-PCIC01K	ControlNet Interface Card (PCI bus) R320 Kit
TC-CCN011	CN INTERFACE SINGLE MEDIA	TC-PCIC02	ControlNet Interface Module, PCI bus
TC-CCN012	CN INTERFACE SINGLE MEDIA	TC-PGCN11	CONTROLNET GATEWAY REDUNDANT MEDIA HAZ 1
TC-CCN013	CONTROLNET INTERFACE, SINGLE MEDIA	TC-PIA081	ANALOG INPUT 8 POINT HAZ 1
TC-CCN014	CONTROLNET INTERFACE, SINGLE MEDIA	TC-PIB161	DIGITAL INPUT 16 POINT HAZ 1
TC-CCR011	CN INTERFACE REDUNDANT MEDIA	TC-PIF021	FREQUENCY INPUT 2 POINT HAZ 1
TC-CCR012	CN INTERFACE REDUNDANT MEDIA	TC-PIL081	TEMPERATURE INPUT 8 POINT HAZ 1
TC-CCR013	CONTROLNET INTERFACE REDUNDANT MEDIA	TC-PNX021	C100 CONTROL PROCESSOR
TC-CCR014	CONTROLNET INTERFACE REDUNDANT MEDIA	TC-POA081	ANALOG OUTPUT 8 POINT HAZ 1
TC-CEN011	Ethernet Module, 10/100 Mb	TC-POB041	DIGITAL OUTPUT 4 POINT HAZ 1
TC-CEN021	Ethernet Module, 10/100 Mb	TC-PRR021	REDUNDANCY MODULE
TC-CENF21	Ethernet Fiber Module, 10/100 Mb	TC-PRS021	C200 CONTROL PROCESSOR
TC-FCCN01	CONTROLNET ADAPTER	TC-RPA001	CONTROLNET REPEATER ADAPTER FIBER OPTIC
TC-FCCR01	DUAL MEDIA CONTROLNET ADAPTER	TC-RPA002	ControlNet Modular Adapter Fiber Module
TC-FFIF01	Fieldbus Interface Module	TC-RPFM01	CONTROLNET REPEATER FIBER OPTIC (3000M)
TC-FXX041	4 SLOT RACK	TC-RPFS01	CONTROLNET REPEATER FIBER OPTIC (300M)
TC-FXX042	4 SLOT CHASSIS 13 AMP	TK-CCN014	CONTROLNET INTERFACE, SINGLE MEDIA COATED
TC-FXX071	7 SLOT RACK	TK-CCR012	CN INTERFACE REDUNDANCY MEDIA COATED
TC-FXX101	10 SLOT RACK	TK-CCR013	CONTROLNET INTERFACE, REDUNDANT MEDIA COATED
TC-FXX102	10 SLOT CHASSIS 13 AMP	TK-CCR014	CONTROLNET INTERFACE REDUNDANT MEDIA COATED
TC-FXX131	13 SLOT RACK	TK-CEN011	ETHERNET MODULE 10MB COATED
TC-FXX132	13 SLOT CHASSIS 13 AMP	TK-CEN021	Ethernet Module, 10/100 Mb, coated
TC-FXX171	17 SLOT RACK	TK-CENF21	Ethernet Fiber Module, 10/100 Mb, coated
TC-FXX172	17 SLOT CHASSIS 13 AMP	TK-FFIF01	Fieldbus Interface Module, Coated
TC-FXX72	7 SLOT CHASSIS 13 AMP	TK-FXX101	10 SLOT RACK COATED
TC-HAI081	(CIOM-A) HART AI Module (8)pt	TK-FXX102	10 SLOT CHASSIS 13 AMP COATED
TC-HAO081	(CIOM-A) HART AO Module (8)pt	TK-FXX131	13 SLOT RACK COATED



Model Number	Description	Model Number	Description
TC-IAH061	AI 6 PT 4-20MA/10V	TK-FXX132	13 SLOT CHASSIS, 13 AMPCOATED
TC-IAH161	AI 16PT 4-20MA/10V NON-ISOLATED	TK-HAI081	(CIOM-A) HART AI Module (8)pt, coated
TC-IDA161	AC INPUT 120 VAC 16 PT	TK-HAO081	(CIOM-A) HART AO Module (8)pt, coated
TC-IDA321	AC INPUT 120VAC 32PT	TK-IAH061	Analog In, 6 pt (4-20ma & 10v), coated
TC-IDD161	DC INPUT 24VDC 16 PT	TK-IAH161	Analog In, 16 pt, coated
TC-IDD321	DC INPUT 24VDC 32PT	TK-IDA161	120vac, 16 pt, coated
TC-IDJ161	DC IN 24 VDC 16 PT ISOLATED	TK-IDB321	DIGITAL INPUT, 120 VAC 32 PT COATED
TC-IDK161	AC IN 120VAC 16 PT ISOLATED	TK-IDD321	24vdc, 32 pt, coated
TC-IDW161	AC IN 220 VAC 16 PT ISOLATED	TK-IDJ161	24vdc, 16 pt ( isolated ), coated
TC-IDX081	AC IN 120VAC 8 PT DIAGNOSTICS	TK-IDK161	120vac ,16 pt ( isolated ), coated
TC-IDX161	DC IN 10-30 VDC 16 PT DIAGNOSTICS	TK-IDW161	220vac, 16 pt ( isolated ), coated
TC-IOLI01	I/O Link Interface	TK-IDX081	120vac, 8 pt ( diagnostic ), coated
TC-IXL061	THERMOCOUPLE INPUT 6 PT	TK-IDX161	10 - 30vdc, 16 pt ( diagnostic ), coated
TC-IXL062	CIOM-A T/C module (not coated)	TK-IOLI01	I/O Link Interface
TC-IXR061	RTD INPUT 6 PT	TK-IXL061	Thermocouple Input, 6 pt, coated
TC-MDP081	PULSE INPUT 8 CHANNEL IN/2 CHANNEL OUT	TK-IXL062	CIOM-A T/C module (coated)
TC-MUX021	SERIAL INTERFACE MODULE 2 CHANNEL	TK-IXR061	RTD Input, 6 pt, coated
TC-OAH061	AO 6 PT 4-20MA	TK-MDP081	Pulse Input Module, Coated
TC-OAV041	AO 4PT 4-20MA/10V NON-ISOLATED	TK-MUX021	Serial Input Module, Coated
TC-OAV061	AO 6 PT 10V	TK-OAH061	Analog Output, 6 pt (4-20ma), coated
TC-OAV081	AO 8PT 4-20MA/10V NON-ISOLATED	TK-OAV061	Analog Output, 6 pt (10v), coated
TC-ODA161	AC OUTPUT 120/220VAC 16PT	TK-OAV081	Analog Output, 8 pt (non-isolated), coated
TC-ODA321	AC OUTPUT 120VAC 32PT	TK-ODA161	120/220vac, 16 pt, coated
TC-ODC081	AC OUTPUT 120/220 VAC 8PT	TK-ODD321	24vdc, 32 pt, coated
TC-ODD081	DC OUTPUT 24VDC 8 PT	TK-ODJ161	24vdc, 16 pt (isolated), coated
TC-ODD161	DC OUTPUT 24VDC 16 PT E-FUSED	TK-ODK161	120/220vac, 16 pt ( isolated ), coated
TC-ODD321	DC OUTPUT 24VDC 32PT	TK-ODX081	120vac, 8 pt ( diagnostic ), coated
TC-ODE081	DC OUTPUT 48VDC 8 PT	TK-ODX161	10 - 30vdc, 16 pt ( diagnostic ), coated
TC-ODF081	DC OUTPUT 125VDC 8 PT ISOLATED	TK-PRR021	REDUNDANCY MODULE COATED
TC-ODK161	AC OUTPUT 120/220VAC 16 PT	TK-PRS021	C200 CONTROL PROCESSOR, COATED
TC-ODX081	AC OUTPUT 120 VAC 8 PT DIAG	TK-PRS022	C200E Control Processor
TC-ODX161	DC OUTPUT 10-30 VDC 16 PT DIAG	TK-ZLCSR1	LIOM Module
TC-ORC081	RELAY OUT 8 NO & 8 NC		

## Honeywell announces completion of the migration of LCN to Experion LCN

This is the notification of Honeywell transitioning the classic coax LCN nodes to platform from ‘Legacy’ to ‘Phase out’ lifecycle phase in year 2020 in accordance with the HPS support policy for “Control, Safety and Monitoring systems”.

At the most recent Americas and EMEA User Group, Honeywell provided an updated to the progress of the migration of the TPS LCN devices to the new Experion LCN. We announced of the completion of development of final LCN node, the Network Gateway (NG). With that, Honeywell has fulfilled its commitment to continuous innovation of the LCN system to Experion. You can now take what was once a legacy system and gradually, in a step-by-step fashion, move it forward to become part of a new, modern system while at the same time protecting existing asset investments.

Honeywell continues to enable customers to take advantage of state of the art control system technology while protecting their intellectual property investment. Honeywell’s On Process Incremental upgrade to Experion LCN modernizes the control system infrastructure one node at a time. Existing control strategy, field terminations, applications, history and graphics can be retained allowing users to focus on high value improvements. This strategy maintains safe and reliable controls while modernizing and evolving with the most advanced technologies. It keeps established, reliable systems running longer, extends uptime, and preserves investments in hardware and network infrastructure.

The current TPS LCN, and all the coax based solutions will move to Phased Out status in 2025. The Experion LCN allows for a migration path from this obsolescence situation. The corresponding coax based LCN devices will be withdrawn from sale for expansions at that time and will move to Legacy Lifecycle status.

With the availability of the ELCN nodes, the following K&E upgrade kits will be phased out:

Product	Product Description
MP-ZDNCF2	UPG to DNCF and DNCF Pwr
MP-ZETN01	UPG incl ETNI Dual Node Card File K4
MP-ZETN02	UPG incl ETNI CE Mark
MP-ZETN03	UPG incl ETNI non CE Mark
MP-ZETN21	UPG incl 2 ETNI 1 DNCF 2 K4
TP-ZMTGZ1	UPG 2nd Electronics Enclosure Z Console
TP-ZSBHM1-100	UPGRADE KIT HM TO SBHM W/ONE DRIVE
TP-ZSBHM2-100	UPGRADE KIT HM TO SBHM W/TWO DRIVES
TP-ZSBHM3-100	UPGRADE KIT SECOND DRIVE FOR SBHM
TP-ZSBHMC-100	UPGR KIT SBHM BAFFLE REPL FOR WREN HM

# System Inventory Tool R300.1 Announced

The System Inventory Tool R300.1 is now available for download from the [System Inventory Tool Landing Page](#) at no charge for all Honeywell accounts

The [System Inventory Tool](#) R300.1 is a self-service tool that HPS customers install on their Experion PKS R400.8 or newer system to scan the inventory details of the entire system, including network, 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, which is used to support Honeywell's automated online contract renewal process.

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

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

## New in R300.1

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

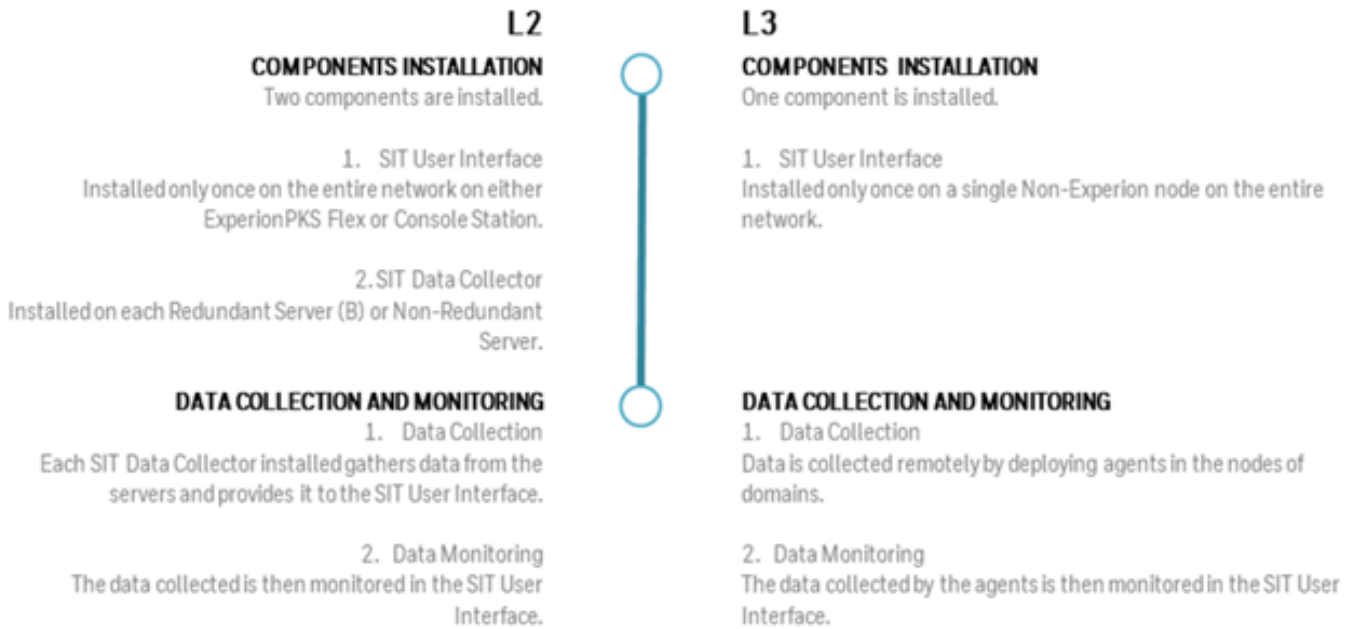
## Installation

The System Inventory Tool R300.1 is a standalone installation, and therefore not integrated into the Experion R511 media package.

While the System Inventory Tool 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 it on either or both levels based on the control system requirements.

## Functionality of SIT on L2 and L3

### Key features & differences on both levels



### Information for System Inventory Tool R230 users

Users who have installed the R230.1, R230.2, or R230.3 version of the System Inventory Tool 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 System Inventory Tool 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	R400.8 to R511
R300.1	R400.8 to R511

#### 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

## 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

## What is SIT and why do you need It?

### *Overview*

The SIT provides a comprehensive system inventory documentation solution to support Honeywell's contract renewal process. The tool enables our customers to complete their yearly contract renewal online through an automated system, better manage risk, prepare for any migrations, and ensure compliance and continuous evolution of their control system.

The SIT collects asset data, which is then hosted in a secure Honeywell data center where the customer can view all their control system asset information (both hardware and software) through the System Inventory Portal. And, best of all, the tool is provided free of charge by Honeywell for all contracted and non-contracted sites and does not require an SESP contract or Assurance 360 service agreement.

### *Automated online contract renewals and more*

The SIT was developed to support online contract renewals. Gone are the days of the laborious task of manually reviewing contract renewal worksheets, trying to track changes via emails and phone calls, and providing results in a timely manner. No more lost notes or questions such as, "What did we do last year?" All updates and notes regarding asset quantities will be captured in the tool and carried forward year over 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, you have the ability to see all your 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 no longer supported by Honeywell? Finding out answers like this is just a mouse click away in the portal.

When you can see all your 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, you'll 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 you can visualize your entire system in one view, you increase awareness that leads to better decision-making.

## Migrations

You have a budget for a migration, and in many cases, it's "use it or lose it." So, how will you know where best to invest in your control system? 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 is 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 you choose is assigned to its respective MSID, finding your systems is easy—even if you don't know the MSID name.

## What can the collected asset data tell you?

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

## What data does the tool collect?

The tool 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.

### Honeywell Updates

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

#### Update Name

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

### Series C I/O

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

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

### *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, you can see all your servers, stations, controllers, nodes, and switch hardware and detailed information about each. Depending on which asset you're viewing, you 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 get needed information such as F/W version, BIOS version, hardware rev, etc. Nobody 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 your 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 that 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% accuracy, and in less than a day.

### *Helpful links*

[System Inventory Tool Download](#)

[System Inventory Tool Portal](#)

[System Inventory Web Portal Training](#)

[Frequently Asked Questions](#)

**The System Inventory Tool and Portal are available at [www.honeywellprocess.com/support](http://www.honeywellprocess.com/support).**

<https://www.honeywellprocess.com/library/marketing/notes/System-Inventory-Tool-What-is-it-and-why-I-should-be-using-it.pdf>

## Safe for use in your control system

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

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

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

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

From January 2018 to February 2019, there was a 56 percent increase in SIT adoption worldwide for contracted sites, with almost 900 sites now using the tool without incident. In fact, many customers have reported that the tool installation was straightforward, the tool runs without incident, and the time saved via the automated contract renewal process saved them weeks of manual audit work. What used to be a lengthy, rigorous process can now be completed automatically, with 100% accuracy, and in less than a day.

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

The System Inventory Tool and Portal are available via [www.honeywellprocess.com/support](http://www.honeywellprocess.com/support)

<https://www.honeywellprocess.com/library/marketing/notes/System-Inventory-Tool-Is-it-safe-for-my-control-system.pdf>

## System Inventory Tool : Available with no purchase required

Available to Experion PKS users with no purchase required, the Honeywell System Inventory Tool is a self-service solution for scanning the inventory details of your entire control system. This solution will enable you to:


Know your system – view a level of granularity you haven't seen before

Improve your service experience – every request starts with knowing your system inventory

Make better decisions – plan migrations, upgrades and maintenance with more clarity

Get started today at <http://www.honeywellprocess.com/support>> System Inventory (requires log-in).

### System Inventory Tool Security

-  **Does not collect sensitive data**  
No IP addresses, MAC addresses, or any sensitive network information
-  **Cybersecurity**  
Secure authentication on HoneywellProcess.com  
Enhanced security and support via TLS 1.1 or higher
-  **Honeywell Data Governance team**  
Data access highly restricted and protected via  
Encrypted two-factor authentication



## Why it's important to use the latest version of the System Inventory Tool

The latest release of SIT R300.1 was updated with enhancements and fixes to identify assets that were not properly collected in earlier releases.

The SIT is designed to run automatically on a scheduled basis; thus, it is important to collect data on schedule and upload it to the portal to ensure recent asset information. This becomes more important as the team integrates additional tools with the Install Base Database (SIT portal).

The latest SIT can be downloaded [here](#).

## System Inventory Tool (SIT) and Experion PKS Compatibility Matrix

### Background

The compatibility matrix for Experion PKS and the [System Inventory Tool](#) (SIT) helps customers employ the correct version of the tool based on the version of Experion installed on their control system.

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	R400.8 or newer
R300.1	R400.8 thru 511

## 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.

Recent published notifications include:

Document Title	Product	Rel/Rev	Date Created
<a href="#">PN2019-26 HCILink Application crash when used with Experion PMD R9XX system</a>	HCILink Application crash in Experion MX R70X with Experion PMD R9XX system	Experion MX Releases, R700.X, R701.X, R702.X	10/10/2019
<a href="#">PN2018-23B USC Fan Alarm Input Configuration</a>	Safety Manager, Safety Manager SC	R140, R145, R150, R151, R152, R153, R154, R160, R161, R162, R200,	09/30/2019
<a href="#">RAL2019-06 Dell R740XL Honeywell OEM ID Firmware</a>	Honeywell Experion PKS Server – MZ-PCSV65 – Dell R740XL	N/A	09/27/2019
<a href="#">PN2015-18C Safety Manager DTI settings RUSIO and RUSLS</a>	FC-RUSIO-3224, FC- RUSLS-3224	R140, R145, R150, R151, R152, R153, R154, R160,	09/27/2019
<a href="#">BW2015-02A RUSIO or RUSLS may fail to start during a power cycle</a>	Safety Manager FC- RUSIO-3224 & FC- RUSLS-3224	HW revision 1.4 or lower	09/27/2019
<a href="#">RAL2019-05 USIO diagnostics may affect HART and DE capable field instrument operation</a>	Safety Manager / Safety Manager SC	R154.1 and R162.2 (Safety Manager), R201.1 (Safety Manager SC)	09/24/2019
<a href="#">PN2019-23 Degraded redundancy when small size of SafeNet memory blocks configured</a>	Safety Manager	R154.1, R162.2	09/20/2019

## Products Revisions and Support Status

Latest Media Revision	Latest Patch/Update	Functional Release - First Shipment Announcement	Support Status	Software Product Category
Alarm Configuration Manager R321	R321.11	2014-08	Supported	Standalone Software
Alarm Event Analysis R321	R321.5	(blank)	Supported	Standalone Software
Blending and Movement Automation R430.y	R430.4	2014-06	Supported	Software Package
Business Flex R250	R250.2	2016-10	Supported	Standalone Software
Control Performance Monitor R56x	R560.1	2013-03	Supported	Standalone Software
Control Performance Monitor R57x	R570.1	2014-12	Current	Standalone Software
Control Performance Monitor R60x	R601.2	2018-05	Current	Standalone Software
ControlEdge 2020 R14x	R140.1	2017-04	Supported	System Software
ControlEdge 2020 R15x	R151.1	2018-11	Current	System Software
DynAMo Alerts & Notifications (A&N) R110	UA R321.2	(blank)	Supported	Standalone Software
DynAMo Alerts & Notifications (A&N) R120	UA R321.2	(blank)	Supported	Standalone Software
DynAMo Alerts & Notifications (A&N) R200	UA R321.2	(blank)	Current	Standalone Software
DynAMo Documentation & Enforcement (D&E) R110	ACM R321.11	2016-05	Supported	Standalone Software
DynAMo Documentation & Enforcement (D&E) R120	ACM R321.11	2016-05	Supported	Standalone Software
DynAMo Documentation & Enforcement (D&E) R200	ACM R321.11	2016-05	Current	Standalone Software
DynAMo Metrics & Reporting (M&R) R110	R110.2	(blank)	Supported	Standalone Software
DynAMo Metrics & Reporting (M&R) R120	R120.2	(blank)	Supported	Standalone Software
DynAMo Metrics & Reporting (M&R) R200	R201.1	2016-05	Current	Standalone Software
DynAMo Operations Logbook (DOL) R200	R200.1	2017-02	Supported	Standalone Software
DynAMo Operations Logbook (DOL) R211	R211.4	2017-08	Supported	Standalone Software
DynAMo Operations Logbook (DOL) R220	R220.3	2018-06	Supported	Standalone Software
DynAMo Operations Logbook (DOL) R230	R230.1	2019-04	Supported	Standalone Software
DynAMo Operations Logbook (DOL) R230	R230.2	2019-08	Current	Standalone Software
DynAMo Operations Monitoring (DOM) R200	R200.1	2017-02	Supported	Standalone Software
DynAMo Operations Monitoring (DOM) R211	R211.4	2017-08	Supported	Standalone Software

DynAMo Operations Monitoring (DOM) R220	R220.3	2018-06	Supported	Standalone Software
DynAMo Operations Monitoring (DOM) R230	R230.1	2019-04	Supported	Standalone Software
DynAMo Operations Monitoring (DOM) R230	R230.2	2019-08	Current	Standalone Software
Experion Backup and Restore R500	R500.1	2017-04	Supported	Software Package
Experion Backup and Restore R501	R501.2	2017-12	Current	Software Package
Experion HS R41x	R410.1	2013-07	Supported	System Software
Experion HS R43x	R430.1	2015-03	Supported	System Software
Experion HS R50x	R500.3	2017-08	Supported	System Software
Experion HS R51x	R510.1	2018-09	Current	System Software
Experion LS R30x	R300.1	2009-11	Supported	System Software
Experion LS R40x	R400.1	2011-06	Current	System Software
Experion LX R10x	R100.1	2013-08	Supported	System Software
Experion LX R11x	R110.2	2014-09	Supported	System Software
Experion LX R12x	R120.1	2015-03	Current	System Software
Experion MX CD Controls R61x	R610.1	2013-02	Supported	Software Package
Experion MX CD Controls R70x	R701.1	2017-03	Current	Software Package
Experion MX CDMV Controls R61x	R610.1	2013-02	Supported	Software Package
Experion MX CDMV Controls R70x	R701.1	2017-03	Current	Software Package
Experion MX IDP Scout R61x	R610.1	2013-02	Current	Standalone Software
Experion MX IntelliMap R61x	R610.1	2013-02	Current	Standalone Software
Experion MX MD Controls R61x	R611.1	2013-02	Supported	Software Package
Experion MX MD Controls R70x	R701.1	2017-03	Current	Software Package
Experion MX MDMV Controls R61x	R611.1	2013-02	Supported	Software Package
Experion MX MDMV Controls R70x	R701.1	2017-03	Current	Software Package
Experion MX/MXProLine R60x	R603.1	2011-04	Supported	System Software
Experion MX/MXProLine R61x	R615.3	2013-02	Supported	System Software
Experion MX/MXProLine R70x	R701.1	2017-06	Current	System Software
Experion PKS R43x	R432.2	2014-03	Supported	System Software
Experion PKS R50x	R501.4	2017-01	Supported	System Software
Experion PKS R51x	R511.1	2018-08	Current	System Software
Fail Safe Controller R710	R710.9	2016-11	Supported	System Software
Fail Safe Controller R801	R801.3	2019-10	Current	System Software
Field Device Manager R43x	R430.1 (Patch 1)	2012-06	Supported	Standalone Software
Field Device Manager R44x	R440.1	2014-06	Supported	Standalone Software
Field Device Manager R45x	R450.1	2015-02	Supported	Standalone Software
Field Device Manager R50x	R500.1	2017-03	Current	Standalone Software
Honeywell Trace R110	R110.1	(blank)	Supported	Standalone Software
Honeywell Trace R120	R120.1	2017-04	Supported	Standalone Software

Honeywell Trace R121	R121.1	2018-01	Supported	Standalone Software
Honeywell Trace R130	R130.1 Patch 2	2019-03	Current	Standalone Software
Immersive Competency	R100.1	2018-07	Current	Standalone Software
Intuition Executive R22x	R220.1	2014-05	Supported	Standalone Software
Intuition Executive R23x	R230.1	2015-07	Current	Standalone Software
Intuition KPI R11x	R110.1	2014-05	Supported	Standalone Software
OptiVision R531	R531.1	2012-01	Supported	Standalone Software
OptiVision R540	R540.1	2014-08	Supported	Standalone Software
OptiVision R541x	R541.1	2015-12	Current	Standalone Software
PlantCruise R10x	R100.3	2013-07	Supported	System Software
PlantCruise R11x	R110.2	2014-09	Supported	System Software
PlantCruise R12x	R120.1	2015-03	Current	System Software
PMD R83x	R831.1	2015-02	Supported	System Software
PMD R90x	R900.2	2017-02	Supported	System Software
PMD R91x	R910.1	2018-12	Current	System Software
Procedure Analyst R40x	R400.0	2011-05	Supported	Software Package
Procedure Analyst R41x	R410.0	2013-01	Supported	Software Package
Procedure Analyst R43x	R430.1	2015-06	Current	Software Package
Procedure Analyst R6.x	R6.1	2008-12	Supported	Software Package
Profit Blending and Movement R431.y	R431.4	2015-06	Supported	Software Package
Profit Blending and Movement R500.y	R500.2	2016-11	Supported	Software Package
Profit Blending and Movement R501.y	R501.2	2018-05	Supported	Software Package
Profit Blending and Movement R510.y	R510.1	2019-09	Current	Software Package
Profit Suit R41x	R411.1	2013-05	Supported	Standalone Software
Profit Suit R43x	R431.1	2014-12	Supported	Standalone Software
Profit Suit R44x	R441.1	2017-04	Supported	Standalone Software
Profit Suit R50x	R500.1	2018-10	Current	Standalone Software
Quality OptiMiser R540x	R540.1	2010-10	Supported	Standalone Software
Quality OptiMiser R550x	R550.1	2012-12	Supported	Standalone Software
Quality OptiMiser R550x	R550.2	2014-07	Current	Standalone Software
Quality OptiMiser for QCS R550x	R550.2	2014-12	Current	Standalone Software
Risk Manager R170	R170.1 Patch 3	2018-03	Supported	Standalone Software
Risk Manager R171	R171.1	2019-03	Current	Standalone Software
RTU2020 R11x	R110.1	2015-06	Supported	System Software

RTU2020 R12x	R120.1	2016-05	Supported	System Software
Safety Historian R141	R141.1	2008-07	Supported	System Software
Safety Historian R201	R202.1	2018-11	Current	System Software
Safety Manager R146	R146.2	2010-09	Supported	System Software
Safety Manager R153	R153.7	2016-10	Supported	System Software
Safety Manager R154	R154.1	2019-06	Supported	System Software
Safety Manager R162	R162.2	2019-08	Current	System Software
Safety Manager SC R200	R201.1	2019-07	Current	System Software
Secure Media Exchange (SMX)	R102.3	(blank)	Current	Standalone Software
Symphonite Production Accounting & Reconciliation	R200.1	2015-08	Supported	Standalone Software
Symphonite Production Accounting & Reconciliation	R201.2	2018-02	Supported	Standalone Software
Symphonite Production Accounting & Reconciliation	R210.1	2019-02	Current	Standalone Software
System Inventory Tool R300	R300.1	2019-09	Current	Standalone Software
TPN (AM) CLM R36x	R360.12	2002-01	Supported	System Software
TPN R685.x	R685.4	2016-06	Supported	System Software
TPN R686.x	R686.4	2016-10	Supported	System Software
TPN R687.x	R687.4	2018-02	Supported	System Software
TPN R688.x	R688.2	2019-01	Current	System Software
TPS (APP) CLM R20x	R200.2	2012-07	Supported	System Software
TPS Builder R430	R430.1	2016-05	Supported	Software Package
TPS R42x	R421.3	2009-11	Supported	System Software
Uniformance Asset Sentinel R510	R510.1	2017-04	Supported	Standalone Software
Uniformance Asset Sentinel R511	R511.2	2017-10	Supported	Standalone Software
Uniformance Asset Sentinel R520.1	R520.1	2018-12	Current	Standalone Software
Uniformance Executive R31x	R311.1	2018-03	Current	Standalone Software
Uniformance Insight R110	R110.1	2017-10	Supported	Standalone Software
Uniformance Insight R200	R200.1	2018-06	Supported	Standalone Software
Uniformance Insight R210	R210.1	2015-08	Current	Standalone Software
Uniformance KPI R12x	R121.1	2017-05	Supported	Standalone Software
Uniformance KPI R13x	R130.1	2018-03	Current	Standalone Software
Uniformance PHD R321	R321.1	2015-03	Supported	Standalone Software
Uniformance PHD R340	R340.1	2017-10	Supported	Standalone Software
Uniformance PHD R400	R400.1	2019-06	Current	Standalone Software
Uniformance Process Studio R322	R322.2	2016-09	Current	Standalone Software

UniSim Competency Suite	R450.1	2016-11	Supported	Standalone Software
UniSim Competency Suite	R451.1	2016-11	Supported	Standalone Software
UniSim Competency Suite	R452.1	2016-11	Supported	Standalone Software
UniSim Competency Suite	R460.1	2018-04	Supported	Standalone Software
UniSim Competency Suite	R461.1	2019-01	Current	Standalone Software
UserAlert R321	R321.2	(blank)	Supported	Standalone Software
Web Order Services 540x	R540.1	2014-08	Current	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.