

HONEYWELL INFORMATION, NEWS, AND TIPS



JANUARY 2019

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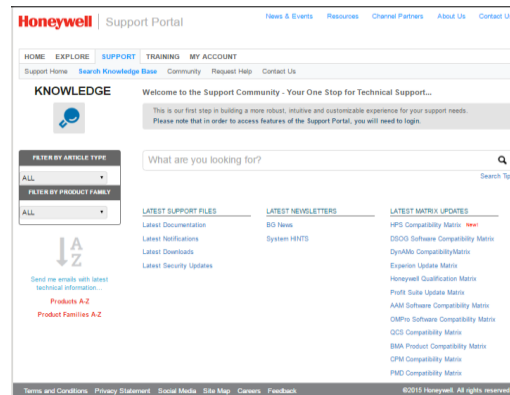
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For questions or comments related to the HINTS newsletter, please write to [HPS System HINTS](#).

Suggest Enhancements for the Next UIS Release

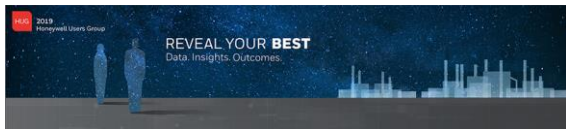
Do you have an idea or suggestion you would like incorporated in the software or hardware you work with every day to become more effective? Or is there a specific solution on the Honeywell roadmap that you would like to see accelerated? **Honeywell's User Input Subcommittee (UIS) is looking for these exact ideas to be included in the next enhancements to its globally installed systems.**

By providing your input for improvements, you have a direct impact on the products and services that Honeywell delivers, and that you use on a daily basis. This process ensures that our technologies are aligned with the changing needs of your industry, so that you get the functionality that matters to you.

Make yourself heard and **submit your ideas** by February 15, 2019. The online form will guide you through the submission process and make it as easy as possible to turn your idea into the next Honeywell enhancement..

Learn more about **UIS!**

Join Us at Honeywell Users Group



We invite you to participate in Honeywell Users Groups as a presenter, moderator or attendee:

REVEAL YOUR BEST

Data. Insights. Outcomes.

Learn how your industry peers solve similar challenges, attend valuable and relevant workshops and training courses, and network with colleagues and leading experts. For any Honeywell Users Group-related questions, contact UsersGroup@honeywell.com. For additional details, visit: www.honeywellusersgroup.com

Honeywell Connected Plant - Video Assist and Expert on Call

Honeywell has released two new applications for the Intrinsically Safe and Ruggedized Intelligent Wearables: Honeywell Connected Plant Video Assist and Expert on Call enable industrial workers to accomplish their tasks in the plant more safely, reliably and efficient.

Honeywell's Expert on Call solution for the Intelligent Wearables based on Librestream Onsight is a robust solution that enables remote industrial telepresence for flexible bandwidth scenarios and provides a rich set of functionality. Expert on Call can be used by field workers to connect to peers, supervisors, the control room and remote experts in the moment. It enables remote support in hazardous areas, remote troubleshooting, remote FATs, and remote solution acceptance.



Honeywell’s Video Assist enables the expert operator or maintainer to capture complex, plant specific field tasks on-the-go, so that new employees can learn how to execute these procedures using an easy step-by-step video assistance on-demand. Video Assist enables video and audio capture and playback so the novice can learn from the expert and detailed procedures can be followed correctly and with ease in the field. Both applications are using the Intrinsically Safe camera that is integral to Honeywell’s Intelligent Wearables. Every site can now easily create and access a rich set of fast self-produced short videos for competency.

Site Requirements

Honeywell’s Intelligent Wearables are fully self-contained solutions that attach to an industrial hardhat or cap. The Video Assist application supports both online and offline users. Video Assist is a great starting point for sites who want to start using the Intelligent Wearables but have limited Wi-fi networking in place on site. Expert on Call requires Wi-fi Connectivity and supports low bandwidth environments with a range of tools.

Honeywell Connected Plant Intelligent Wearables is an Outcome based service program driving direct site specific benefits such as a reduction of meantime to repair, reduced travel cost and time, faster problem resolution, faster closure of work orders, and higher work quality. The hardware and software are ordered integral to a new or existing services contract.

Suitability

Ideally suited for hazardous area sites that require Intrinsically Safe solutions where users work with full PPE. Designed to function in high noise areas and extreme cold and hot areas.

Solution Specifications

Both Video Assist and Expert on Call are available with the following hardware certifications:

Safety certifications	NEC500 Class I, Division 1, Groups A, B, C, D T4 Class II & III, Division 1, Groups E,F,G T4"
	ATEX II 2G Ex ib IIC T4 Gb II 2D Ex ib IIIC T135°C Db IP6X
	IECEx Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP6X
Camera	16 MP 4-image stabilized, PDAF with LED light

Video	Up to 1080p @30fps. Codecs: VP8, VP9 and hardware encoding support for H.264, H.265 HEVC
Wi-Fi	802.11 a/b/g/n/ac – 2.4GHz and 5GHz
Microphones for voice commands	4 digital microphones with active noise cancellation. Accurate voice recognition even in 95 dBA of typical industrial noise. Supported with both in-ear noise cancelling earphones and earmuffs.
Languages Supported device operation	English, Spanish, French, German, Italian, Portuguese, Russian, Mandarin Chinese, Japanese, Korean
Languages Supported Expert on Call	English. Simplified Chinese and French available on request.
Languages Supported Video Assist	English

TPN R688.1 Release Announcement

The TPN R688.1 maintenance release is available for shipment. This release for TPN contains functional changes for the Experion® LCN (ELCN).

- ELCN EPLCG support
- ELCN EHB support
- ELCN soft HPM simulator

The aforementioned features require Experion R501.4

Following this announcement, the TPN release support status is as follows:

- R688.1 - Current
- R687.2 – Supported
- R686.4 – Supported
- R685.4 – Supported
- R684.x and Older Releases – Phased-out

(Product lifecycle phases are defined by the Standard Product Support Policy as per Customer Resource Manual Tab PD23)

(Honeywell's standard software release numbering scheme is RABC.D, where A = Series, B = Functional, C = Maintenance, and D = Point). TPS software releases will continue to follow the standard release numbering scheme. However, for TPN R680 and up only, the scheme is RABB.CD, in order to allow two digits for Functional Release identification.)

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

TPN software releases are available for electronic download and CD/DVD media distribution.

For more details related to this software release, please refer to TPN R688.1 SCN.

If you continue to run Experion PKS R43x after January 14, 2020, you will no longer receive Microsoft security updates. You may, however, continue to receive Experion R43x-related patches and hotfixes until March 31, 2020. After that point, you will no longer receive patches and hotfixes for Experion PKS R43x.

Experion PKS R501 and R510 are fully supported, and both use Windows 10 and Windows Server 2016.

Released! Experion® LCN-based Hardware Upgrade Kit for Enhanced PLC Gateway (ELCN EPLCG HW) and Experion R501.4 Software (EPKS R501.4 SW)

ELCN EPLCG HW and EPKS R501.4 SW have been launched to expedite the migration process by helping customers move from their existing coax 802.4 HPS proprietary communications network to a technologically advanced, modern Fault Tolerant Ethernet (FTE)-based network. It will enable faster network troubleshooting, as well as improved support and services for repair of control systems.

Aligned with the latest Microsoft Windows 10 and Server 2016 operating systems, the latest upgrade will encourage customers to adopt Windows at the earliest point in its lifecycle, which will maximize their time on supported operating systems by migrating their Total Plant Network (TPN) systems to the Experion® R501 release.

The upgrade provides for a “load-and-go,” on-process migration and Installation. It is compatible with all prior R501 releases, and supports OPM from prior EPKS R43X, R500 and R510 system releases and TPN R688.1.

This series of product releases continues to transform the way industrial automation projects are implemented.

New enhancements include:

1. New Experion LCN (Local Control Network) Physical Appliance nodes

- Experion Physical ELCN EPLCG (Enhanced Programmable Logic Gateway) SW & HW, both redundant and non-redundant configurations providing for migration from all prior Classic LCN-based EPLCG system configurations
- AM (Application Module) redundancy
- EHB (Enhanced Hiway Bridge) redundancy

2. New Virtual Experion LCN nodes

- AM (Application Module) redundancy
- EHB (Enhanced Hiway Bridge) redundancy
- ENIM (Enhanced Network Interface Module) redundancy
- Soft HPM Simulator for VEP & OVEP integration

3. ELCN System Management enhancements

4. Open VEP (Open Virtual Engineering Platform) support for all the ELCN Virtual Node products

5. Delivery of Experion R501 Continuation Release contents that address many customer PAR fixes (e.g., Server Client, Common Component, Tools and Controller)

Experion LCN enables the incremental upgrade of Honeywell's legacy Total Plant™ Solution (TPS™) control system to allow for a secure, seamless integration with Experion PKS. Plants can 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 protecting and preserving existing asset investments.

Please contact Honeywell account managers for further information or visit our webpage: [Experion LCN](#)

SHAMOON Malware Vulnerability

Background:

Honeywell is aware of the recent reappearance of widely-known, destructive Shamoan Malware with a new variant that deletes files from the infected computers before it wipes out the master boot record.

Further details related to new Shamoan malware can be found at:

<https://www.symantec.com/blogs/threat-intelligence/shamoan-destructive-threat-re-emerges-new-sting-its-tail>

Resolution:

Honeywell has qualified McAfee and Symantec antivirus, which offers the required fix for this malware.

McAfee:

McAfee has included the EXTRADAT to address the Shamoon attack on McAfee daily DAT files. This fix is included in the latest DAT 9118, which was released as part of the December 26, 2018, daily DAT files. If you have already applied the daily DAT file released on December 26, 2018, then it should be good. Otherwise, manually apply these files to the system.

Symantec:

Daily Symantec DAT files released by Symantec provide protection against the Shamoon virus mentioned below. These Symantec (SEP 12/14) JDB file versions are qualified as part of the December 20, 2018, daily DAT files. If you have already applied the daily DAT file released on December 20, 2018, then it should be good. Otherwise, manually apply these files to the system.

Symantec Signature 12.1.x or [12.1.6 MP10 (12.1 RU6 MP10)] later versions	vd532607.jdb
	20181219-007-v5i32.exe
	20181219-007-v5i64.exe
Symantec Signature 14.1 or [14.2.0.1 (14.2 MP1) later versions	vd532607core3sds.jdb
	20181219-007-core3sdsv5i32.exe
	20181219-007-core3sdsv5i64.exe

Experion® Update Matrix

The Experion® Update Matrix has been updated to version 226. The matrix can be found in the attachment, or at the following location (login required):

www.honeywellprocess.com/library/support/software-downloads/Experion/experion-update-matrix.zip

Version	Date	Update
226	04-Jan-19	Microsoft Security Update ISO - 19 Dec 2018
		Microsoft Security Updates RMISO - 19 Dec 2018 - Honeywell Trace tab
		EPKS R510.1 Tools and Controller Hotfix 2
		EPKS R510.1 Tools and Controller Hotfix 1 - superseded by Hotfix 2
		EPKS R501.4 - new release
		EPKS R501.4 PDF Collection
		EPKS R501.2 Server Patch 3
		EPKS R501.2 Tools and Controller Hotfix 4
		EPKS R501.2 Tools and Controller Hotfix 3 - superseded by Hotfix 4
		EPKS R500.2 Tools and Controller Hotfix 8
		EPKS R432.2 Tools and Controller Hotfix 6
		EPKS R431.4 Tools and Controller Hotfix 5
		EPKS R410.9 Tools and Controller Hotfix 11
		EBR R431.1 Hotfix 7
		PN2018-34 PN2018-31 BW2018-14A SN2018-12-13-01
PN2018-33 PN2018-30 BW2108-13A RAL2018-11		
PN2018-32 PN2018-29 BW2018-03A RAL2018-10		
PC Platform Driver Update Matrix tab		
Honeywell Trace tab		
EUCN Matrix tab		
Media Reference tab		
Honeywell Qualification Matrix		

Experion® R501.4 Upgrades from R501.2 with Server Patches Installed

For systems running Experion® PKS R501.2 with any Server Patches installed (Server Patch 1, Server Patch 2, Server Patch 3, etc.) upgrades to Experion PKS R501.4 may fail.

Before upgrading to R501.4, it is important to uninstall any Server Patches. The easiest method is to run the uninstall procedure in the R501.2 Server Patch 3 SCN (even if you have only Server Patch 1 or/and Server Patch 2 installed). R501.2 Server Patch 3 has been updated with a utility that will perform this action. It is available from the following location (update your local copy if SP3 was previously downloaded).

<https://www.honeywellprocess.com/library/support/software-downloads/Experion/Experion-PKS-R501-2-Server-Patch-3-Datasheet.pdf>

From R501.2 Server Patch 4 onwards, the uninstall procedure will be integrated in the patches.

Experion® FOUNDATION Fieldbus Interface Modules Released

Experion® FOUNDATION™ Fieldbus Interface Modules, FIM4 (CC-PFB402) and FIM8 (CC-PFB802) have been released. These modules replace the CC-PFB401 and CC-PFB801, respectively. The older parts will only be available for use with Experion servers operating at revision R400 or earlier.

Cyber Security On-demand Webinars

Overcoming the Challenge of Managing Industrial Cyber Security at Your Facility and Reduce Your Risk from Cyber Threats

Discover Honeywell's **CyberVantage Managed Security Services** and learn how our services team can help your customers modernize their Industrial Control System (ICS) capabilities while minimizing operational issues caused by cyber security incidents.

Watch the webinar and learn more. [Click here.](#)

Find Out How Vulnerable Your Systems Are Through Penetration Testing

Join us and learn more about **CyberVantage Penetration Testing**, Our new cyber security services and best practices can help overcome the challenges of managing industrial cyber security.

Watch the webinar and learn more. [Click here.](#)

Videos:

CyberVantage Managed Security Services – [Demo of Interactive Activity & Trend Reporting](#)

CyberVantage Security Consulting Services – [Short introduction](#)

New White Papers:

How to Leverage Third Party Security Assessments to Attract the Process Control Network Investments You Need - [Link](#)

[Staffing for Cyber Security: 5 Considerations for Plant Managers - Link](#)

New Service Notes:

CyberVantage System Hardening - [Service Note](#)

CyberVantage Assessments and Audits [Service Note](#)

CyberVantage Penetration Testing [Service Note](#)

New Application Notes:

CyberVantage Security Consulting Services for Energy [Application Note](#)

CyberVantage Security Consulting Services for Petrochemical Industry [Application Note](#)

Honeywell System Inventory Tool - No Purchase Required

Complimentary from Honeywell for current Experion® PKS customers, the System Inventory Tool is a self-service tool to scan the inventory details of the entire system, including network, switches and associated nodes at predefined intervals to support the new Honeywell automated online contract renewal process. The tool generates an inventory file of hardware and software (including licenses) that users upload to the Honeywell Support Portal to see their inventory details in a logical and graphical overview.

With the Honeywell Inventory Portal, you will:

- **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
- **Automated Online Contract Renewal** – review, edit, comment, and approve your contract renewal

Integral to Experion PKS, the System Inventory Tool runs in the background and will not impact the control system. It is fully supported by GTAC and will improve troubleshooting efficiency. The tool uses secure authentication on HoneywellProcess.com with enhanced security and support via TLS 1.1 or higher, and data access is highly restricted by the Honeywell Data Governance team and protected via authentication.

Get started today at <http://www.honeywellprocess.com/support>> System Inventory (needs login)

Integrated Automation Assessment R160.1 now available

An Integrated Automation Assessment is like a periodic comprehensive 'physical' to assess TPS and Experion health, performance and compliance to Honeywell recommended best practices. There are three levels of Assessments (see table at the bottom for specifics):

- System Performance Baseline – to assess system performance on PCs, controllers, networks, etc. on both your TPS and Experion systems
- Standard Assessment (includes System Performance Baseline) – to assess control system configuration compliance to best practices, level of support for system components, etc.
- Enhanced Assessment - Includes alarm and control loop assessment to the above

What's new in this release:

- Updated GTAC Checklists
 - Client Server
 - Network
 - Controller
 - TPS Integration Checklist from Rev 24 to 32
 - EBR Checklist from Rev 11 to 16
 - Virtualization Checklist from Rev 4 to 6
- Updates for new HPS Lifecycle Policy
- New C200 Configuration Data Collector
- CSIMC200 Support
- UOC Support
- UIS recommended IAA Report improvements

Find out more at the [Integrated Automation Assessment](#) site (needs login).

Contact your account manager for a proposal today.

Predictive Analytics now available in Uniformance Asset Sentinel R520

Uniformance Asset Sentinel R520.1 was released in December 2018 with extraordinary new capabilities. This latest release represents Honeywell's drive to instill increasingly effective predictive analytics and greater asset performance management capability

The release incorporates several major advances, including:

1. New data cleansing and preparation features that enable users to quickly apply data pre-processing logic, smoothing filters, and limit monitoring to datasets. The friendly user configurable screen requires no scripting or coding.
2. Advanced Pattern Recognition (APR) capability for multivariate statistical analytics for early event and anomaly detection. See below for details
3. A Python plug-in that allows execution of a variety of machine learning algorithms for added predictive and advanced statistical analytics.
4. A completely revamped Mobile Equipment Monitor (MEM) platform. The new capability replaces Honeywell's legacy technology to better serve the rapidly growing demands for asset monitoring of overland machinery, such as that utilized in open pit mining operations and oil sands production.

The APR capability is arguably the most accurate anomaly detection solution available. In addition to anomaly detection, it includes a model-based Virtual Subject Matter Expert (SME) diagnostic and prognostic capability – ensuring both detection of at-risk machines and estimated remaining useful life.

Key Elements of APR based predictive health monitoring

- Scalability for broad, efficient implementation
- Reduced instance of false alarms
- Automated root cause determination
- Remaining life estimate to set priorities
- Alarm management and workflow processes that maximize business value

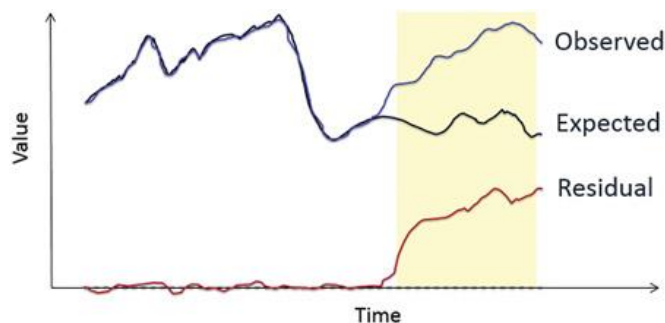


Figure 1: APR creates expected data signals corresponding with observed plant data signals.

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
PN2018-34 PHD-Experion link may stop collecting after patch R340.1.1 is applied	Uniformance PHD with Experion Link	PHD Release R340.1.1	12/17/2018
PN2018-33 ENB Redundancy Failure on Power Removal	Enhanced Network Bridge (ENB)	TPN R685.1, R685.3, R686.2, R686.3, R686.4, R687.2	12/12/2018
PN2018-32 HPM/EHPM Regulatory control point with SAFEOP	HPM/EHPM	TPN/TPS R686 or later	12/2/2018
BW2108-13A ETN (ENHANCED T-NODE) EST Node Performance is slow when compared with Classic LCNP4 Based EST Nodes	Enhanced TPS Nodes (Experion TPN Integration node)	R431.x, R500.x, R501.x	12/2/2018
PN2018-29 Loss of SafeNet Communication	Safety Manager	R153.6	11/16/2018
PN2018-30 FSC Internal Communication Disturbance may cause halted central parts	FSC System	R710.1 and prior, including R710.9	11/14/2018
PN2018-28 S.M.A.R.T. IO-0002 reported faulty	Safety Manager A.R.T	R153.6, R161.1	11/15/2018

Latest Releases on Media

Latest Media Revision	Latest Patch/Up	Lifecycle Phase	Latest Media Revision	Latest Patch/Update	Lifecycle Phase
Experion PKS R51x	R510.1	Current	Experion LS R40x	R400.1	Current
Experion PKS R50x	R501.2	Supported	Experion LS R30x	R300.1	Supported
Experion PKS R43x	R432.2	Supported	Experion LX R12x	R120.1	Current
Experion PKS R41x	R410.9	Phased Out	Experion LX R11x	R110.2	Supported
Experion PKS R50x	R501.4	Supported	Experion LX R10x	R100.1	Supported
Experion Backup and Restore R501	R501.2	Current	PlantCruise R12x	R120.1	Current
Experion Backup and Restore R500	R500.1	Supported	PlantCruise R11x	R110.2	Supported
Experion Backup and Restore R43x	R431.1	Supported	PlantCruise R10x	R100.3	Supported
Experion Backup and Restore R41x	R410.2	Phased Out	PMD R91x	R910.1	Current
Experion Backup and Restore R40x	R400.1	Phased Out	PMD R90x	R900.2	Current
Total Plant Batch R41x	R410.0	Phased Out	PMD R83x	R831.1	Supported
Total Plant Batch R40x	R400.0	Phased Out	PMD R80x	R800.4	Supported
Total Plant Batch R31x	R310.1	Phased Out	TPA Printa R69x	R690	Supported
Procedure Analyst R43x	R430.1	Current	TPA Printa R685	R685	Phased Out
Procedure Analyst R41x	R410.0	Supported	Experion MX/MXProLine R70x	R701.1	Current
Procedure Analyst R40x	R400.0	Supported	Experion MX/MXProLine R61x	R615.3	Supported

Procedure Analyst R6.x	R6.1	Supported
Field Device Manager R50x	R500.1	Current
Field Device Manager R45x	R450.1	Supported
Field Device Manager R44x	R440.1	Supported
Field Device Manager R43x	R430.1 (Patch 1)	Supported
RTU2020 R12x	R120.1	Supported
RTU2020 R11x	R110.1	Current
RTU2020 R10x	R101.1	Supported
Safety Manager SC R200	R200.2	Current
Safety Manager R161	R161.1	Current
Safety Manager R153	R153.6	Supported
Safety Manager R146	R146.2	Supported
Safety Historian R200	R201.1	Current
Safety Historian R200	R200.2	Current
Safety Historian R141	R141.1	Supported
TPN R688.x	R688.1	Current
TPN R687.x	R687.2	Current
TPN R686.x	R686.4	Supported
TPN R685.x	R685.4	Supported
TPN R53x	R535.2	Supported
TPS R42x	R421.3	Supported
TPS Builder R430	R430.1	Supported
TPS (APP) CLM R20x	R200.2	Supported
TPN (AM) CLM R36x	R360.12	Supported
Fail Safe Controller R801	R801.1	Current
Fail Safe Controller R604	R604.1	Supported
Experion HS R51x	R510.1	Current
Experion HS R43x	R430.1	Supported
Experion HS R41x	R410.1	Supported
Experion HS R40x	R400.1	Supported
Experion HS R30x	R300.1	Supported
Intuition KPI R10x	R101.1	Supported
Uniformance Asset Sentinel R510.1	R510.1	Supported
Uniformance PHD R340	R340.1	Current
Uniformance PHD R321	R321.1	Supported
Uniformance Insight R200	R200.1	Current
Uniformance Insight R110	R110.1	Supported
Uniformance Insight R102	R102.1	Supported
Uniformance Insight R101	R101.1	Phased Out
Uniformance Process Studio R322	R322.2	Current
Uniformance Asset Sentinel R520.1	R520.1	Current
Uniformance Asset Sentinel R511.1	R511.1	Supported

Experion MX/MXProLine R60x	R603	Supported
Performance MD 3.0	R3.0	Phased Out
Experion MX MD Controls R60x	R601	Phased Out
Experion MX MD Controls R61x	R611.1	Supported
Experion MX MD Controls R70x	R701.1	Current
Performance MDMultivariable R420	R420	Phased Out
Experion MX MDMV Controls R601	R601	Phased Out
Experion MX MDMV Controls R611.1	R611.1	Supported
Experion MX MDMV Controls R70x	R701.1	Current
Performance CD R510	R510	Phased Out
Experion MX CD Controls R60x	R601	Phased Out
Experion MX CD Controls R61x	R610	Supported
Experion MX CD Controls R70x	R701.1	Current
Performance CDMultivariable R210	R210	Phased Out
Experion MX CDMV Controls R60x	R601	Phased Out
Experion MX CDMV Controls R61x	R610	Supported
Experion MX CDMV Controls R70x	R701.1	Current
IntelliMap R5.x	R5.1	Phased Out
Experion MX IntelliMap R60x	R601	Phased Out
Experion MX IntelliMap R61x	R610.0	Current
Experion MX IDP Scout	R610	Current
MasterLogic Softmaster R3.x	R3.1	Current
Intuition Executive R23x	R230.1	Current
Intuition Executive R22x	R220.1	Supported
Intuition Executive R10x	R100.1	Supported
Intuition KPI R11x	R110.1	Supported
Immersive Competency	R100.1	Current
UniSim Competency Suite	R460.1	Current
UniSim Competency Suite	R452.1	Supported
UniSim Competency Suite	R451.1	Supported
UniSim Competency Suite	R450.1	Supported
ControlEdge 2020 R14x	R140.1	Supported
ControlEdge 2020 R15x	R151.1	Current
Alarm Configuration Manager R321	R321.11	Supported
Alarm Configuration Manager R320	R320.2 Update11	Phased Out
Alarm Event Analysis R321	R321.5	Supported
Alarm Event Analysis R320	R320.1 Update 6	Phased Out
UserAlert R321	R321.2	Supported
UserAlert R320	R320.1 Update 1	Phased Out
DynAMo Documentation & Enforcement (D&E) R200	ACM R321.11	Current
DynAMo Documentation & Enforcement (D&E) R120	ACM R321.11	Supported
DynAMo Documentation & Enforcement (D&E) R110	ACM R321.11	Supported

Profit Suit TPS R43x	R430.1	Current
Profit Suit TPS R41x	R411.1	Supported
Profit Suit R50x	R500.1	Current
CPM R57x	R570.1	Current
CPM R56x	R560.1	Supported
Profit Blending and Movement R501.y	R501.2	Current
Profit Blending and Movement R500.y	R500.2	Current
Profit Blending and Movement R431.y	R431.4	Supported
Blending and Movement Automation R430.y	R430.4	Supported
Blending and Movement Automation R41x	R410.6	Supported
Blending and Movement Automation R401.y	R401.5	Supported
Blending and Movement Automation R400.y	R400.4	Supported
Blending and Movement Automation R340.y (y>=2)	R340.5	Supported
Quality OptiMiser for QCS R550x	R550.2	Current
Quality OptiMiser R550x	R550.2	Current
Quality OptiMiser R550x	R550.1	Supported
Quality OptiMiser R540x	R540.1	Supported
OptiVision R541x	R541.1	Current
OptiVision R540	R540.1	Supported
OptiVision R531	R531.1	Supported
Web Order Services 540x	R540.1	Current

DynAMo Metrics & Reporting (M&R) R200	R201.1	Current
DynAMo Metrics & Reporting (M&R) R120	R120.2	Supported
DynAMo Metrics & Reporting (M&R) R110	R110.2	Supported
DynAMo Alerts & Notifications (A&N) R200	UA R321.2	Current
DynAMo Alerts & Notifications (A&N) R120	UA R321.2	Supported
DynAMo Alerts & Notifications (A&N) R110	UA R321.2	Supported
DynAMo Operations Monitoring (DOM) R200	R211.4	Current
DynAMo Operations Monitoring (DOM) R121	R200.1	Supported
DynAMo Operations Monitoring (DOM) R100	R121.1	Supported
DynAMo Operations Logbook (DOL) R200	R211.4	Current
DynAMo Operations Logbook (DOL) R121	R200.1	Supported
DynAMo Operations Logbook (DOL) R100	R121.1	Supported
Honeywell Trace R120	R120.1	Current
Honeywell Trace R110	R110.1	Supported
Honeywell Trace R100	R100.1	Supported
Risk Manager	R170	Current
SMX	R102.3	Current
Uniformance Executive R31x	R311.1	Current
Uniformance KPI R12x	R121.1	Supported
Uniformance KPI R13x	R130.1	Current

NOTE: Software releases not listed in the table above are in “Phased Out” lifecycle status. 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.