HONEYWELL INFORMATION, NEWS, AND TIPS

JULY 2019

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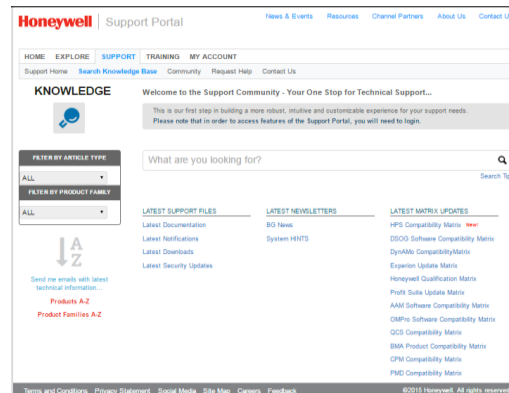
More Support Online (login)

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.

Register Today for the Honeywell Users Group Conference!

The 31st Annual Honeywell Users Group, Europe, Middle East and Africa will take place September 23-26 at **The Hague World Forum**.

Register Now

Note that the Early Bird discounted fee is valid until August 30 – Register before August 30 and save 635 Euro.

Benefit from the Early Bird discount and **exclusive HUG sales promotions**.

We look forward to seeing you in **The Hague**.

Your Honeywell Team

Honeywell Computer Platforms

Honeywell has released the following 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 Honeywell computer platforms include:

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

The following are new Honeywell computing platforms:

Model Number	Description	Based On
MZ-PCSV77	Tower Server, Standard Profile	Dell T340
MZ-PCSV78	Tower Server, Performance Profile	Dell T340
MZ-PCSV67	Rack Server, Performance Profile	Dell R340XL
MZ-PCIS01	Ruggedized Rack Server, Performance Profile	Dell XR2
MZ-PCWS84	Tower Workstation, Performance Profile	HP Z4 G4
MZ-NWSTR4	Network Attached Storage, Standard Profile	Dell NX440
MZ-NWSTR5	Network Attached Storage, Performance Profile	Dell NX440

The following Honeywell computing platforms have been withdrawn from sale:

Model Number	Description	Based On
MZ-PCSV74	Tower Server, Standard Profile	Dell T330
MZ-PCSV75	Tower Server, Standard Profile	Dell T330
MZ-PCSV76	Tower Server, Performance Profile	Dell T330
MZ-PCSV62	Rack Server, Performance Profile	Dell R330XL
MZ-PCWS83	Tower Workstation, Performance Profile	HP Z440
MZ-NWSTR4	Network Attached Storage, Standard Profile	Dell NX430

Honeywell Launches Enterprise Performance Management Software Providing Real-Time Intelligence for Peak Performance

On June 10, 2019, at the Honeywell Users Group (HUG) Americas, Honeywell introduced the availability of [Honeywell Forge for Industrial](#), an enterprise performance management software for operational technology that leverages process and asset digital twins, advanced data analytics and decades of process industry domain knowledge to help industrial manufacturers achieve and sustain peak performance. With Honeywell Forge for Industrial, a business can use instant insights from real-time benchmarking to help make better decisions that impact equipment performance, reliability, safety and profitability.
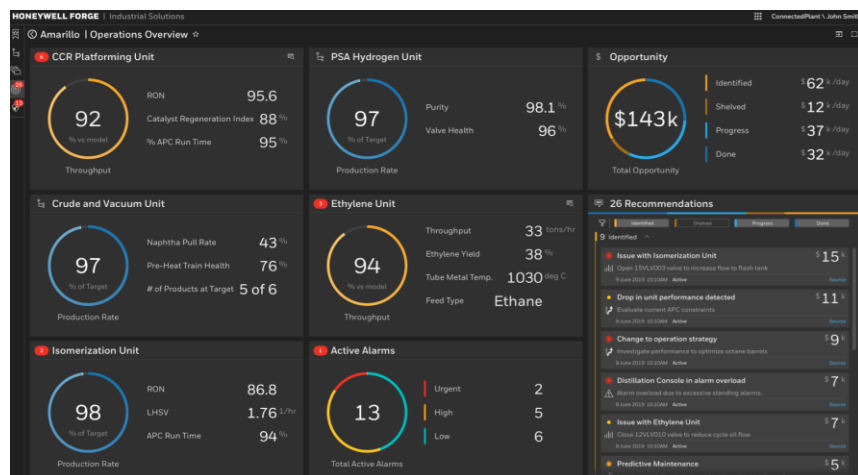
Join us at the [Honeywell Users Group EMEA](#), 23-26 September 2019 at The Hague World Forum, The Netherlands, to see how Honeywell Forge for Industrial can support today's digital transformation initiatives.

Interested in sharing your story around your Honeywell software applications? The [call for presentations](#) is still open.

Introducing Honeywell Forge for Industrial

Honeywell Forge for Industrial enables **enterprise performance management** that delivers actionable recommendations for intelligent operations and profitability using real time models, domain expertise and visual analytics.
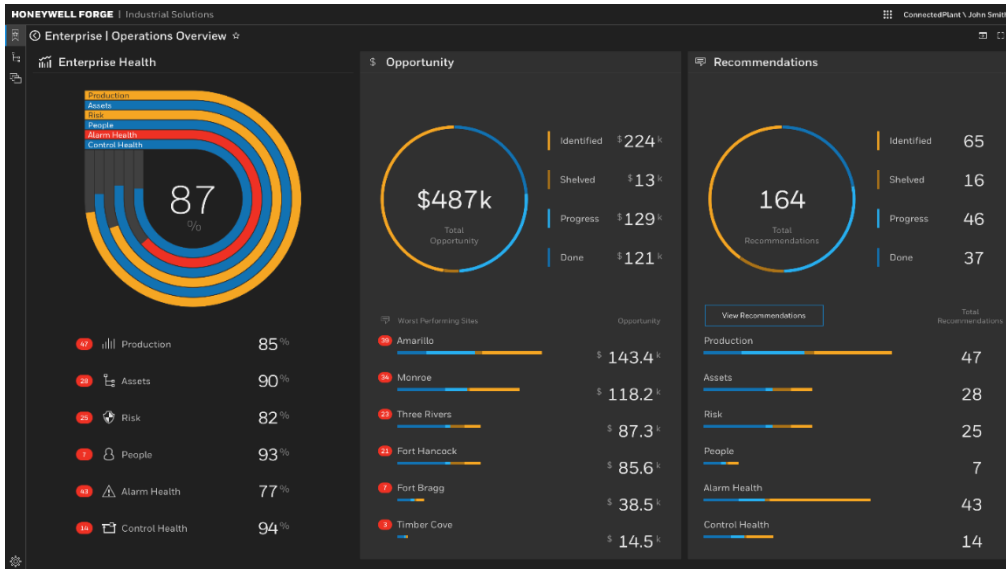
This solution incorporates decades of domain knowledge in the form of process and asset analytics to improve plant reliability, throughput, and yield. Via digital twins, this software collects information from the process and equipment, analyzes it versus expected performance, and provides recommended actions with an easy to understand visualization portal. The solution generates sustained peak performance across assets, process and people.

What does it do?

Integrates point-based solutions in a <u>single, common persona-based solution</u>

- Portable, inclusive and flexible platform maximizing value generation from a single interface
- Visualize analytical results from multiple sources to identify issues – leading to action
- Gain deeper insights through predictive analytics providing guidance for faster decision making

Where in the process does it help?

Process Performance

- Improve throughput, yield, process and catalyst reliability through early event detection
- Tie in economics with operating conditions for the unit to run at minimal cost and waste
- Utilize real-time operating data and ability to leverage Honeywell UOP's comprehensive experience

Control Performance

- Identify process and advanced control issues contributing to lost performance
- Sustain throughput and yield for longer periods of time
- Ensure sustainable benefits over varying operating conditions, and see real-time unit profitability

Asset Performance

- Cloud-based digital twins reveal off-performance and causes
- Predictive analytics deliver early insight to impending issues
- Integrated process and asset data models to identify enhanced productivity

People Performance

- Out-of-the-box and end-to-end mobile solution to manage daily operator rounds
- Works with any device, computer, smart wearable

- Replaces manual,paper processes to connect the enterprise

What does it provide?

Increased profitability and efficiency via <u>integrated and more accurate models</u>

- Combine digital twins of process units and equipment assets to generate insights
- Augment intelligence from underlying applications for actionable insights
- Shorten ideation to value delivery lifecycle

How does it work with existing systems?

Portable and extensible <u>platform</u>

- Cloud or data center deployment options
- Reduce IT need to manage connections across assets
- Protect current investments

Visit [the website](), **or contact your Honeywell Sales Account Manager to learn how Honeywell Forge for Industrial can sustain your company's peak performance.**

Product to be Withdrawn from Sales and Notice of Change in Support Status:

QCS Remote Monitoring.

Effective August 1, 2019, Honeywell will withdraw the QCS Remote Monitoring service from sales and change its support status to phased out. Customers utilizing QCS Remote Monitoring will be migrated to the QCS 4.0 Observe subscription service at service contract renewal. Customers can elect to be migrated before contract renewal through a no-cost change order to the existing contract.

With this announcement, QCS Remote Monitoring:

- Is no longer orderable or available for new service contracts
- Support status changes to "phased out." (no enhancements to the alerting and reporting will be available)

The **QCS 4.0 Observe** subscription is a <u>direct replacement</u> for **QCS Remote Monitoring** and provides superior functionality and user accessibility. QCS 4.0 Observe offers new features and benefits to customers, including significant new analytics for control and process performance monitoring and alerting. **QCS 4.0 Observe** subscribers can access additional features of **QCS 4.0 Analyze** for an incremental subscription fee.

All users of QCS Remote Monitoring will be migrated to QCS 4.0 Observe subscriptions at contract renewal, with a new entitlement for the subscription. This migration path is seamless, requiring no site action or QCS infrastructure changes.

The customer action will be to accept the contract revision and new QCS 4.0 subscription entitlement, including updated supplemental Terms and Conditions, Data Policy, and Support Policy that apply to all Honeywell cloud-based offerings.

For customers who wish to decline the supplemental contract changes, QCS Remote Monitoring will be disabled and no equivalent service will be provided. Alerts and reports will cease, and any custom access or reporting will be discontinued.

Reason for Product Lifecycle and Status Support Change

QCS Remote Monitoring utilizes an older Microsoft infrastructure that is impacted by the announced end of support on January 14, 2020. Honeywell has invested in QCS 4.0 as a direct replacement, leveraging Honeywell's modern, company-wide cloud infrastructure. No site changes are required for customers to take advantage of the new QSC 4.0 features.

Communications

This notice is intended for Honeywell Account Managers, P&E Team Members, Marketing and Operations Leads, and all registered subscribers of the HINTS newsletter.

For questions about this notice, please contact:

- Hrishikesh Thakre, Product Manager (Hrishikesh.thakre@honeywell.com)
- Peter DeNicola, Center of Excellence Manager (peter.denicola@honeywell.com)

To discuss your QCS Remote Monitoring options, please contact your local Honeywell Account Team.

Experion History Calculator Updated

We have updated the Experion History Calculator with support for the enhanced history subsystem capacity in Experion R51x.

Instructions for download:

Once logged in to www.honeywellprocess.com, go to the Support Section, and search for article 64982.

Experion Network L2/L1 Audit Checklist Updated

GTAC Experion Network Audit Document was updated with important lessons learned since the last release of the technical audit document.

Version:	Date:	Modification:
18	June 2019	Updated check 36 EUCN/ELCN Implementations

Deliverables:

- TAC_Experion_Audit_Network_rev18.pdf
- GTAC_Network_Companion_rev18.zip

- TAC_Experion_Audit_Network_rev18.doc

List of all GTAC Technical Audit documents:

Article #	Audit Document Title	Experion Scada	Experion with CDA points	Experion with TPS points	Experion with CDA and TPS points	EAS/RESS/Eserver
65350	Experion Server Client GTAC Audit Document	X	X	X	X	X
65389	Experion Network GTAC Audit Document	x	x	x	x	x
65349	EBR GTAC Audit document	only whenusing EBR	only when using EBR	only when using EBR	only when using EBR	only when using EBR
65322	GTAC Audit Document for ExperionPKS Controllers		x		x	
65302	GTAC Audit Document for ACE		only when using ACE		only when using ACE	
65191	GTAC HMIWEB Audit Document	x	x	x	x	x
65346	Experion TPS Integration audit document			x	x	
65176	PHD Experion Link GTAC Audit document	only when using PHD	only when using PHD	only when using PHD	only when using PHD	only when using PHD
65434	Experion Virtualization GTAC Audit Document	only when using Experion Virtualisation	only when using Experion Virtualisation	only when using Experion Virtualisation	only when using Experion Virtualisation	only when using Experion Virtualisation
65131	Experion Orion Console and Thin Client Audit Document	only when using Orion Console or Wyse thin client	only when using Orion Console or Wyse thin client	only when using Orion Console or Wyse thin client	only when using Orion Console or Wyse thin client	only when using Orion Console or Wyse thin client

Instructions for download:
Once logged in to www.honeywellprocess.com, go to the Support Section and search for 65389.
Then select "Experion Network GTAC Audit Document," which is article 65389.

GTAC is using the TOPICS feature in the Knowledge Base to cluster similar articles. For all our GTAC audit documents, the topic name to be used is "TopicGTACAudit"

When you search for this topic (search without quotes), it will return all other GTAC Audit documents (see example below).
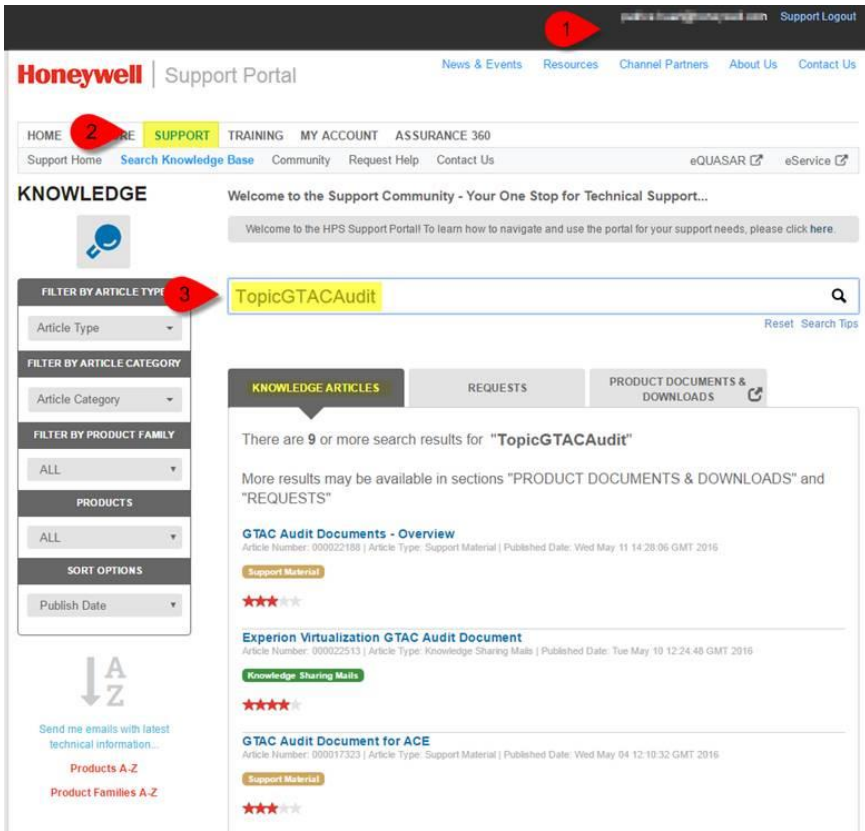
Files can be downloaded from the attachment section of the article as shown below:

If you have problems accessing the Support Portal, send an email to HPSWeb@Honeywell.com to get your credentials verified.

Safety Systems Notification Matrix

The Safety Systems Notification matrix is available at www.honeywellprocess.com/support in section "Latest matrix updates" and as article number 65197

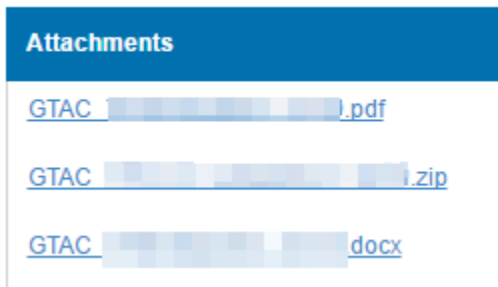| Version:	Date:	Modification:
3.4	June 25, 2019	Added: Added: Safety Manager R154.1 Added: Safety Manager R162.2 Added: Safety Manager SC R201.1 Added: PN-2019-19 FSC-CP halted or Safe Net loss during online upgrade Added: BW2019-07 FSC SFT behavior for SIL3 Added: PN2019-13A Universal Safety IO fails with error code EC123

Change in SUIT ISO Installation

Background

SUIT ISO installer has been enhanced for restart support of UMtool post reboot to identify any missing updates on the nodes and provide options to install the required missing updates.

Detailed Information

Starting with May 2019 ISO media, Honeywell has automated relaunching of UMtool post-reboot to ensure that all required updates are populated automatically by Update Manager tool.

Now, after the SUIT ISO installation, subsequent reboot and login, Update Manager tool will launch automatically and check for missing updates and the "required update" tab will be populated again with additional updates if they have been detected missing.

If the user enables the "load updates" option, the installation of updates will start and install all required updates. Upon completion, user will get a message "No more updates are required for this node."

If there are still relisting updates post-reboot and subsequent launch on UMtool, then select "cancel" to stop installation. Those missing updates might not be applicable for that node or might have been superseded by other updates. In case you have such relisting updates for any of the nodes, please contact the local TAC team.

Honeywell recommends the use of the new functionality and to continue the installation to ensure all required updates are installed.

The new functionality does not apply to Microsoft SQL updates; these updates require a manual installation, using special instructions. Refer to the Update Manager User Guide for more details.

System Inventory Tool (SIT) and Experion PKS Compatibility Matrix

Background

The compatibility matrix for Experion and the System Inventory Tool helps customers install 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	R4xx.x or newer

Why it's important to use the latest version of the System Inventory Tool (SIT)

The latest release of SIT R230.3 was updated to include some 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; it is important to collect the data on schedule and upload it into the portal to ensure that we have recent asset data. This becomes more important as the team integrates more tools with the Install Base Database (SIT portal).

The latest SIT can be downloaded here.

Honeywell System Inventory Tool – What is It and Why Do I Need It?

Overview

The Honeywell System Inventory Tool (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 Your Control System

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, 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 control 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, its "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 its 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 Me?

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.

How Do I View My 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 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.

Honeywell Updates

System Name : M▮▮▮▮4   MSID : M▮▮▮▮4   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▮▮▮4   MSID : M▮▮▮4

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▮▮3
236IOLINK_1A	DI_HV_19	CC-PDIH01	19A	C	04.01.03	04.01.08	1▮▮5
236IOLINK_1A	DO_24B_33	CC-PDOB01	33A	G	04.01.03	04.01.08	1▮▮1
236IOLINK_1A	DO_24B_32	CC-PDOB01	32A	G	04.01.03	04.01.08	1▮▮3
236IOLINK_1A	DI_HV_22	CC-PDIH01	22A	C	04.01.03	04.01.08	1▮▮2
236IOLINK_1A	DO_24B_31	CC-PDOB01	31A	G	04.01.03	04.01.08	1▮▮8
236IOLINK_1A	DI_HV_25	CC-PDIH01	25A	C	04.01.03	04.01.08	1▮▮3
236IOLINK_1A	DI_HV_24	CC-PDIH01	24A	C	04.01.03	04.01.08	1▮▮5
236IOLINK_1A	DI_HV_21	CC-PDIH01	21A	C	04.01.03	04.01.08	1▮▮7

Who Can See My 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 Throughout the World

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 saved them weeks of manual audit work. What used to be a tiresome, drawn-out 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.

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

But is the tool safe on my 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 tiresome, drawn-out 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, time to process will vary based on the size of the control system; number of nodes; and number of controllers, switches, servers and stations.

Node type	System configuration	Average additional % CPU used	Time to complete audit	Number of PCs being audited
ESVT – Server B	• Dell PowerEdge R710 server • (8) Processors: Intel(R) Xeon(R) CPU E5620 @ 2.40GHz • Speed: 2,394 • 12 GB RAM	Negligible	7 minutes 52 seconds to 11 minutes 33 seconds	4 PCs – Server, ACE, Console Station, Flex Station
ESVT – Server A	• Dell PowerEdge R710 server • (8) Processors: Intel(R) Xeon(R) CPU E5620 @ 2.40GHz • Speed: 2,394 • 12 GB RAM	4.8% – 8.9%	1 minute 40 seconds to 2 minutes 56 seconds	
EST	• Dell Precision T5500 workstation • (4) Processors: Intel(R) Xeon(R) CPU X5570 @ 2.93GHz • Speed: 2,926 • 3 GB RAM	2.7% – 6.5%	1 minute 23 seconds to 2 minutes 50 seconds	
Flex	• VMware virtual platform • (2) Processors: Intel(R) Xeon(R) CPU X5570 @ 2.67 GHz • Speed: 2,666 • 2 GB RAM	7.2% - 11.9%	4 minutes to 4 minutes 21 seconds	
ACE-T	• Dell PowerEdge T610 server • (8) Processors: Intel(R) Xeon(R) CPU X5560 @ 2.80GHz • Speed: 2,794 • 4 GB RAM	0.3% - 1.8%	1 minute 6 seconds to 3 minutes 27 seconds	

The System Inventory Tool and Portal are available via www.honeywellprocess.com/support

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

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 an entire control system, including network, switches and associated nodes at predefined intervals. 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

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

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
BW2014-14A SM Software Migration Preparation	Safety Manager, Safety Manager SC	All Releases	07/22/2019
BW2014-02B SM and FSC AI and DIL Module Failure	Safety Manager (SM) and Fail Safe Controller (FSC) SM IO: FC-SAI-1620M, FA-SAI-1620M and FC-SDIL-1608 FSC IO: 10105/2/1, 10106	SAI-1620M: V1.1 to V1.4 SDIL-1608: V1.0 to V1.3 10105/2/1:16901, CC16902, CA16902, CC03, CA03 10106/2/1: CC22102, CC2210	07/22/2019
BW2019-02A EHPM I/O Link Module	HPM I/O Link Modules (CEE based controllers)	NA	07/19/2019
PN2019-18 EHPM Fails CTools Firmware Upgrade	Enhanced High-Performance Process Manager (EHPM)	All Supported Release	06/20/2019
PN2019-20 ControlEdge_900 Model Rack Assembly Issues	Models 900R08-0200, 900R12-0200, 900R08R-0200 & 900R12R-0200seg	NA	06/20/2019
PN2019-13A Universal Safety IO fails with error code EC123	Safety Manager. Safety Manager SC	R153.7, R162.1 (Safety Manager), R200.3 (Safety Manager SC).	05/24/2019

VMware vSphere 6.0 – End of General Support

VMware vSphere 6.0 will reach the End of General Support on March 12, 2020 and will transition to the Technical Guidance phase. Once vSphere 6.0 is in the Technical Guidance phase, Honeywell will provide support for existing vSphere 6.0 customers to the extent that assistance is available from VMware; however, no further security updates or patches will be released by VMware for this release. vSphere 6.0 will remain in the Technical Guidance phase until March 12, 2022, and after this date Honeywell will no longer be able to provide support for vSphere 6.0.

For those customers still utilizing vSphere 6.0, Honeywell recommends developing a migration plan to upgrade to the currently supported vSphere 6.5 release. This will ensure that systems are eligible for security updates and patches and will also provide the best lifecycle experience from the Honeywell support organization.

The existing vSphere 6.0 license can be used for vSphere 6.5 products. Please refer to the HPS Virtualization Specification for applicable model numbers.

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) 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) 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	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	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	R510.2	2018-08	Current	System Software
Fail Safe Controller R801	R801.2	2019-02	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 R100	R100.1	(blank)	Supported	Standalone Software
Honeywell Trace R110	R110.1	(blank)	Supported	Standalone Software
Honeywell Trace R120	R120.1	(blank)	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	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 R162	R162.1	2019-01	Current	System Software
Safety Manager SC R200	R200.3	2018-10	Current	System Software
Secure Media Exchange (SMX)	R102.3	(blank)	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	R687.3	2018-02	Supported	System Software
TPN R688.x	R688.1	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	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.