

HONEYWELL INFORMATION, NEWS, AND TIPS



APRIL 2020

In This Issue

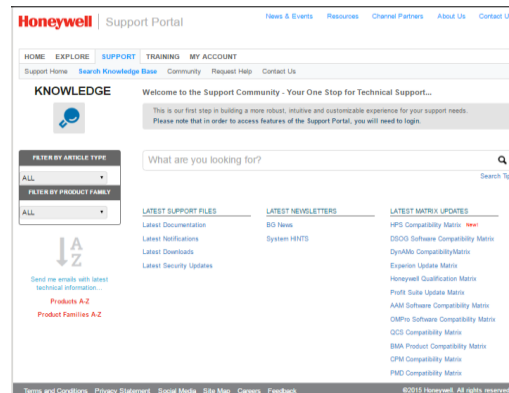
Contents

- Secure Remote Access by Honeywell Managed Security Services.....2
- Test Drive Our Remote Solutions for Free to Help Maintain Your Business Continuity.....3
- Unified Engineering Tool.....3
- Phase Out Notification – Phase Builder.....4
- Honeywell Virtual Technology Experience, Presented by Honeywell Process Solutions, June 22-25, 2020.....5
- Universal Process Cabinet Lifecycle Update5
- Experion PMD SW Lifecycle Support Announcement.....6
- Experion Station Stability Updates.....7
- System Inventory Tool R300.1 Available.....8
- What is SIT and Why Do You Need It?.....11
- System Inventory Tool: Is it Safe to Use in My Control System?14
- New Product Introduction: Preventative Maintenance Data Collector15
- HPS Priority Notifications17
- Products Revisions and Support Status.....18

Subscribe to HINTS

Login to www.HoneywellProcess.com. Go to Support > **Search Knowledge Base** and click on [System HINTS](#) under Latest Newsletters. In the page that opens, click on [Subscribe to Support Newsletters \(System HINTS\)](#)

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!



More Support Online (login)

You can also [create a Support Request online](#). 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).

Secure Remote Access by Honeywell Managed Security Services

Today more than ever, remote service and support are a necessity for global enterprises. Without reliable, controlled remote access, it can quickly become a key operational constraint and security risk. Any time, from anywhere, Honeywell provides secure, real-time remote access to your systems and network devices. **It's a proven solution used by over 500 customer sites worldwide!**



Secure remote access is critical to mitigating cyber threats as well as ensuring

operational and business continuity in the OT environment. Industrial operators and system managers need to be able to see and manage equipment securely, without exposing the entire organization to cyberattacks.

Honeywell Managed Security Services:

- Delivers an industrial-grade secure remote access solution to help ensure responsible, safe and controlled use of remote service capabilities
- Enables service delivery, troubleshooting or remote operations support from Honeywell and/or remote customer employees in an extremely controlled and secure manner, at any time, from anywhere in the world. **Service is setup remotely – no need to for an on-site visit!**

Value to Customer:

- **Enables business continuity** – Allows personnel who are in isolation or restricted from visiting the site to continue working, and provides secure connectivity to Honeywell support teams (e.g., Field Services, GTAC, etc.) that may not be able to access sites due to pandemic
- **Faster incident response** – Enables remote incident response by supporting local on-site teams with operational and cybersecurity incidents, thereby minimizing the severity of impact
- **Eliminates travel time & travel costs**

Reduces Cyber Risk:

- Includes multifactor authentication, extended authorization, and unique session tunneling and session recording capabilities
- Provides better security than VPN and Remote Desktop Service

Interested?

For more information contact your local Honeywell account team.

Test Drive Our Remote Solutions for Free to Help Maintain Your Business Continuity



During these very challenging and unprecedented economic times, we want to [extend our support](#) and provide you with the best remote technologies to help keep your instruments, processes and plants running.

Effective immediately, we are offering free access and expanded usage of select products, tools, software and remote services that can help enable operational continuity.

These [30-day free trial](#) offers are valid through June 30, 2020, to any customer that needs it.

If you feel this offer could be of interest to a friend or colleague, please share.

Extended Support Offers can be accessed here: www.hwll.co/RemoteSolutions

Unified Engineering Tool

Existing Experion TPS/TDC customers can now take advantage of a new offering- just one tool for all your system configuration needs which will reduce engineer time and effort by 40 %.

EHPM points and PMCL are now both supported in Control Builder. In the initial release, new functionality will allow you to create and modify existing EHPM points. You will also be able to create, edit, modify, and compile PMCL programs.

Current situation

LCN and UCN devices depends on Native Window for configuration and different engineering tools are used to configure these devices - Data Entity Builder (DEB), Parameter Entry Display (PED), and CL Editor. There is no consistency in user experience, across various configuration tools which is leading to increase in engineering time and large investments in training requirements.

Moving to the future

Now you can configure:

- EHPM points using Control Builder
- AM points, including Custom Data Segments (CDS), using Control Builder
- Create and edit both AM and PM Control Language (CL) files
- Native Window still available, comparable to Command Prompt in Microsoft Windows, for super users

Support for EHPM includes:

- EHPM Experion Integrated Point Building
- Import the EHPM Checkpoints to Control Builder
- Download newly created points EHPM to TPN.
- Monitoring view support for EHPM Points
- Import/Create PMCL and compile using Visual Studio

Support for AM will be in a subsequent release:

- AM Experion Integrated Point Building
- Import of CDS packages and pre-compiled CL Object files to Control Builder
- Compiled CL link to newly built points
- Independent editing of AMCL including CDS
- Context sensitive CL editor support
- Import/Create AMCL including CDS and compile using Visual Studio
- Monitoring view support for AM points including CDS
- CDS Visualization on Forms
- Auto-import support for CL

Phase Out Notification – Phase Builder

There are multiple announcements with respect to the support lifecycle of Phase Builder.

As background, Phase Builder was introduced in 1996 to allow TotalPlant Batch users a standard framework to generate and support their batch sequences (phases).

It is currently supported on Windows 10 and Windows 2016 Server.

- Effective June 30, 2020, Phase Builder will be transitioned to the Supported lifecycle phase.
- Effective June 30, 2025, Phase Builder will be transitioned to the Phased Out status.

Specific functionality offered by each of the phases is detailed in the Product Support Guide.

Reach out to your account manager for more information and to discuss specific migration solutions.

Honeywell Virtual Technology Experience, Presented by Honeywell Process Solutions, June 22-25, 2020

The [Honeywell Virtual Technology Experience](#) will be an online event.



Save the Date

It will include live broadcast, pre-recorded elements, real-time interactivity, and hosted content that can be explored independently.

After careful consideration, due to global health concerns, we've transformed our annual Honeywell Users Groups (HUG) conferences for both Americas and EMEA conference into a virtual event for 2020. Our traditional HUG Conferences will return as originally planned for 2021

Universal Process Cabinet Lifecycle Update

1.2-meter Universal Process Cabinet (UPC) will be phased out on June 1, 2020, and replaced by the 1.3-meter UPC cabinet. The system configuration in TPC is available for the new cabinet from the Configurator version, 11.4d onwards.

The features/benefits of 1.3-meter Universal Process Cabinet are:

- Size Increase: New size 1300mm H X 800mm W X 400mm D
- Improved Current Output: Maximum 20 Amps
- Improved Thermal Characteristics: 96 IO with 16 Amps at 55° C
- More Power Supply Options: Cost effective 120/230 VAC and new 24 VDC power supply
- Includes I/O HIVE solution
- Includes cost effective first party Universal Marshalling Solution with GIIS
- Optional FDAP integration for wireless instruments

Experion PMD SW Lifecycle Support Announcement

Experion PMD R910.3 which will be compatible with Experion PKS R510.2 is released and available now. The R910.3 point release include below major enhancements and critical fixes as follows:

Problems resolved

Following table lists all the critical fixes for R910.3

PAR	Description
RPMD-1532	RPMD-1532 [FCE_REF] Unit template selection behavior is not correct
RPMD-1533	[FCE_REF] Load List selection for new FCE2.2 and FCE3.1/PN not appearing on Load List definition.exe
RPMD-1571	[FCE REF] In Unit template, unable to change the PPL file.
RPMD-1683	BW-38181 Opening and closing minitrends from PMD faceplates causes script error
RPMD-1497	[R910.2_HF1] Sequence faceplate alignment is not proper/not working
RPMD-1433	Opening the sequence faceplate for the first-time Unlicensed Copy notice is seen.
RPMD-1249	Arrow keys get stuck while using HMIWeb Display Builder of PMD system
RPMD-1068	Station freeze when Faceplate List is opened just after Station starts (sysStartupPage.htm appears).
RPMD-924	Some loop pictures open too narrow.
RPMD-1435	Block code not executed in PMD Controller
RPMD-1072	PMD Builder: System/I/O-nodes library contains I/O Web which is not supported in R800.x
RPMD-1684	Scripts in AcknowledgeXXX files that could potentially cause Memory issues
RPMD-926	18 slot IO Rack EPOR 2M1I18/N does not work in PMD Builder
RPMD-781	Connection to/from link (call associated Faceplate) doesn't work in Control faceplate
RPMD-780	Connection to/from link (call associated Faceplate) doesn't work in Control faceplate
RPMD-1646	Custom Data Block: ReadDSRow RecordLen calculation does not work correctly.
RPMD-1640	Continuous switch over in a system with redundant controller and media redundancy.

With the release of Experion PMD R910.3, status of Experion PMD R910.2 point release lifecycle will be changed from 'Current' to 'Supported'.

All new PMD SW installations will be expected to align with Experion PMD R910.3 release.

For existing customers with service contracts running on R910.2 they will be eligible for migration services to latest PMD release. The same will be applicable for all other applicable supported point releases as summarized below:

- Experion PMD R900 – Aligned with Experion PKS R500
 - R900.2 – Supported
- Experion PMD R831 – Aligned with Experion PKS R431
 - R830.1 – Supported
 - R831.1 – Supported

Honeywell strongly recommends installing the latest supported point release Experion PMD R910.3 to reduce your risk and exposure to cyber threats whilst increasing availability and robustness.

Refer to Software Change Notice link mentioned below.

[Experion PMD SCN R910.3](#)

Experion Station Stability Updates

- [R511.2 Infrastructure Hotfix 1](#) has been released.
- [R510.2 Infrastructure Hotfix 4](#) has been released
- [Experion PKS R510.2 HMIWeb Patch 4](#) has been released

We are releasing station and infrastructure patches that include major stability fixes for Experion.

Problems resolved include:

- Slow call-up time
- Performance degradation overtime
- Safeview process termination
- Unresponsive station windows

HPS Technical Support is recommending updating system to increase system stability and availability.

Update Availability

Experion Release	Available in
R500.x	Experion PKS R500.2 HMIWeb Patch 6 (available in May 2020) & Infrastructure HotFix 4
R501.x	Experion PKS R501.6 HMIWeb Patch 1 & Infrastructure HotFix 1
R510.x	Experion PKS R510.2 HMIWeb Patch 4 & Infrastructure HotFix 4
R511.x	Experion PKS R511.2 HMIWeb Patch 1 & Infrastructure HotFix 1

Refer to the [Experion Update Matrix](#) for download links.

System Inventory Tool R300.1 Available

The System Inventory Tool (SIT) R300.1 is now available for download from the [System Inventory Tool Landing Page](#). This self-service tool can be installed on Experion PKS R400.8 or newer systems 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 Honeywell customers, both contracted and non-contracted, the SIT runs in the background and will not impact control system performance.

Once the SIT has completed its scan, a .cab file is created and then either the Honeywell technician or the customer uploads the inventory file to the System Inventory 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 Level 3 (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 report 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

Appendix A

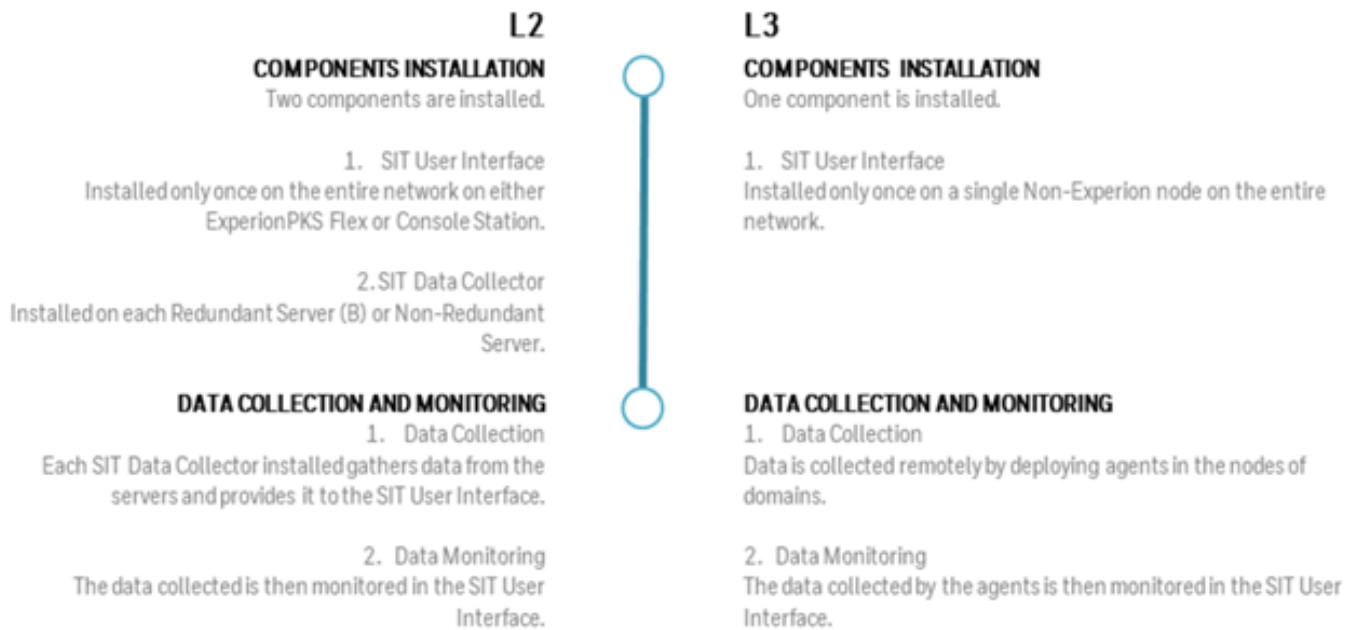
Matrikon Data Manager
 Matrikon Desktop Historian
 Matrikon OPC Server for GE Turbines
 Matrikon OPC Funnel
 Matrikon OPC Security Gateway
 Matrikon OPC Server for Allen Bradley
 Matrikon OPC Server for APACS Direct
 Matrikon OPC Server for BACNet
 Matrikon OPC Server for Bailey DCS [Infi 90]
 Matrikon OPC Server for Citect
 Matrikon OPC Server for Foxboro DCS
 Matrikon OPC Server for GDA [ODBC]
 Matrikon OPC Server for GE PLCs
 Matrikon OPC Server for IEC 61850/61400-25
 Matrikon OPC Server for IP21
 Matrikon OPC Server for Johnson Controls N2
 Matrikon OPC Server for KNX
 Matrikon OPC Server for LonWorks LNS
 Matrikon OPC Server for MarkV Direct
 Matrikon OPC Server for MarkVI Direct
 Matrikon OPC Server for Mitsubishi PLCs
 Matrikon OPC Server for Modbus
 Matrikon OPC Server for Moore APACS (API)
 Matrikon OPC Server for Omni Flow Computers
 Matrikon OPC Server for Omron
 Matrikon OPC Server for OpenBSI
 Matrikon OPC Server for ProRAE
 Matrikon OPC Server for Provox (Direct)
 Matrikon OPC Server for ROC
 Matrikon OPC Server for RS3 RNI
 Matrikon OPC Server for SCADA DNP3
 Matrikon OPC Server for SCADA IEC 60870
 Matrikon OPC Server for SCADA Modbus
 Matrikon OPC Server for SCADA MOSCAD
 Matrikon OPC Server for Siemens PLCs
 Matrikon OPC Server for SNMP
 Matrikon OPC Server for Vestas
 Matrikon OPC Server for Wonderware InSQL (Wonderware Historian)
 Matrikon OPC Server for Wonderware Intouch
 Matrikon ORB
 Matrikon OPC UA Tunneller - UA Proxy Component / UA Proxy
 Matrikon OPC UA Tunneller - UA Wrapper Component / UA Wrapper

Installation

The SIT R300.1 is a standalone installation, and therefore not integrated with the Experion R511 media package.

While the SIT can be installed on Level 2 (L2) and Level 3 (L3), the installation and configuration on both levels are independent of each other. As such, users can choose to install the tool on either or both levels, based on their control system requirements.

Functionality of SIT on L2 and L3 Key features & differences on both levels



Information for R230 Users

Users who have installed the R230.1, R230.2 or R230.3 versions of the SIT should upgrade to R300.1 to ensure they have the latest support from Honeywell (unless they are currently running Experion R3xx.x, which is not supported by SIT R300.1). During the upgrade, their current SIT configuration will be retained.

Experion Compatibility

SIT Version	Supported Experion Version
R200.1	R301, R310, R400 and R430
R200.2	R301, R310, R400 and R430
R200.3	R301, R310, R400 and R430
R210.1	R3xx.x to R510
R210.2	R3xx.x to R510
R220.1	R3xx.x to R510
R230.1	R3xx.x to R510
R230.2	R3xx.x to R510
R230.3 (SIT patch must be installed on 32bit systems after R230.3 installation)	R400.8 to R511
R300.1	R400.8 to 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

What is SIT and Why Do You Need It?

Overview

The 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 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 are just a mouse click away. And did we mention it's free? That's right—Honeywell offers this to all our customers at no cost. No contract or service plan of any kind is required.

Quickly Locate Assets

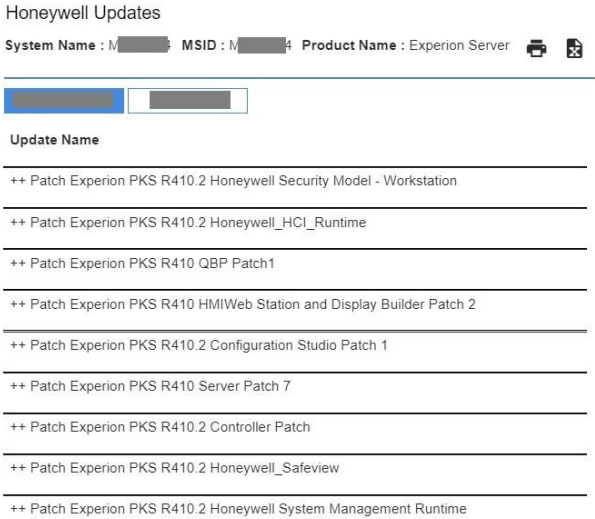
All assets are listed by Site > MSID and user-defined system names, and because each system name you choose is assigned to its respective MSID, finding your systems is easy—even if you don't know the MSID name.

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



The screenshot shows a web interface titled "Honeywell Updates". At the top, it displays "System Name : M [redacted] MSID : M [redacted] Product Name : Experion Server" with printer and refresh icons. Below this is a search bar with a blue button and a grey input field. The main section is titled "Update Name" and contains a list of updates, each preceded by a double plus sign ("++").

Update Name
++ Patch Experion PKS R410.2 Honeywell Security Model - Workstation
++ Patch Experion PKS R410.2 Honeywell_HCI_Runtime
++ Patch Experion PKS R410 QBP Patch1
++ Patch Experion PKS R410 HMIWeb Station and Display Builder Patch 2
++ Patch Experion PKS R410.2 Configuration Studio Patch 1
++ Patch Experion PKS R410 Server Patch 7
++ Patch Experion PKS R410.2 Controller Patch
++ Patch Experion PKS R410.2 Honeywell_Safeview
++ Patch Experion PKS R410.2 Honeywell System Management Runtime

What Data Does the Tool Collect?

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

How Can You View Your Data?

The System Inventory Portal allows customers and certain Honeywell account managers to see their account asset data. Within the portal, you can see all your servers, stations, controllers, nodes, and switch hardware, as well as 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.

Series C I/O
System Name : M... MSID : M...

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 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 the time saved via the automated contract renewal process eliminated weeks of manual audit work. What used to be a tiresome and lengthy process can now be completed automatically, with 100 percent accuracy and in less than a day.

Helpful Links

[System Inventory Tool Download](#)

[System Inventory Tool Portal](#)

[System Inventory Web Portal Training](#)

[Frequently Asked Questions](#)

The System Inventory Tool and portal are available at <https://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>

System Inventory Tool: Is it Safe to Use in My Control System?

The [System Inventory Tool](#) (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 eliminated weeks of manual audit work. What used to be a lengthy, rigorous process can now be completed automatically, with 100 percent accuracy and in less than a day.

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

Summary	Contracted Sites				
	Pole	# of sites	# of sites using the tool	% of sites using the tool	change since Jan 2018
	AMER	665	514	77.29%	36.42%
	APAC	147	68	46.26%	91.84%
	EMEA	450	316	70.22%	46.98%
	Global	1262	898	71.16%	55.98%

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.

Node type	System configuration	Average additional % CPU used	Time to complete audit	Number of PCs being audited
ESVT – Server B	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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>

New Product Introduction: Preventative Maintenance Data Collector

Do you have a maintenance agreement with Honeywell? Then this message is for you!

Introducing the new automated Preventative Maintenance Data Collector.

The Preventative Maintenance Data Collector automates the (traditionally manual) activity of checking and documenting system status (preventive maintenance) information.

By automating the pass/fail preventive maintenance checks, customers can now run these checks without any assistance or on-site personnel from Honeywell.

How does it work?

The application automates the collection of PM data and creates an encrypted output file which is then emailed to Honeywell for analysis and output file generation.

See Installation and User's Guide, included with the software, for more details.

Which assets are support?

The PM Data Collector will support C200, C300 FIM, Servers, workstations, AM, HM, HPM, NIM, LCN, and UCN assets and systems.

How do I obtain the software?

Please contact your account manager for details.

What is the Output?

The output, which consists of two spreadsheets and some output files containing system audit and diagnostic data, includes system performance parameters, as well as patch and installed application information.

One spreadsheet will contain raw parameter data, and the other will include disposition of the PM tasks which can be determined automatically.

These are encrypted and packaged into an output file. Once created, the output file is emailed to Honeywell for processing.

What is included with the software?

The .zip file contains the Software Change Notification, an Installation and User's Guide, and a Service Note. The Service Note outlines the process to be followed to collect and submit the data files.

File	Purpose
Setup.exe	PM Data Collector installation package
PM Data Collector - Installation and Users Guide.pdf	Installation and User's Guide; must read to install properly
PM Data Collector - SCN	Software Change Notice – details about the program and calls out known issues and any PM tasks not supported today

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
PN2020-12 QCS Profile display shows RedX with system out of memory exception popup on QCS R701 and R702 systems	Experion MX R701 and R702 systems	Experion MX Releases, R701.2, R702.2	04/22/2020
PN2020-13 EtherNet/IP Communication issue after OPM	UOC, C300 EIM, C300 Direc	Experion PKS R430.x, R431.x, R432.x, R500.x, R510.x, R511.1, 511.2	04/22/2020
PN2020-11 C300 UIO Checkpoint not successful	Experion PKS	R410 and R432	04/02/2020
PN2020-06A Control Confirmation Auto Checked	C200/C200E, C300, ACE and their Simulation environments (CEE	R510.x; R511.1; R511.2l	04/02/2020
PN2020-10 DCS Display shows ST800 FF Models as ST700	SmartLine ST800 Fieldbus	Communication Firmware 1.040100	03/16/2020
PN2020-09 Ethernet Interface Module may unexpectedly fail during normal operation	CC-PEIM01 - Series C Ethernet Interface Module	Experion PKS Releases R500, R501, R510	03/11/2020

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	2013-10	Supported	Standalone Software
Alarm Event Analysis R321	R321.5	2013-10	Supported	Standalone Software
Blending and Movement Automation R430.y	R430.4	2014-06	Supported	Software Package
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	Standalone Software
ControlEdge 2020 R15x	R151.1	2018-11	Supported	Standalone Software
ControlEdge 2020 R16x	R160.2	2019-12	Supported	Standalone Software
ControlEdge 2020 R16x	R161.1	2020-04	Current	Standalone Software
ControlEdge HC900 R60x	R600.1	2014-04	Supported	Standalone Software
ControlEdge HC900 R62x	R620.1	2016-09	Supported	Standalone Software
ControlEdge HC900 R63x	R630	2017-04	Supported	Standalone Software
ControlEdge HC900 R65x	R650	2018-06	Supported	Standalone Software
ControlEdge HC900 R66x	R660.2	2018-12	Supported	Standalone Software
ControlEdge HC900 R70x	R700	2019-12	Current	Standalone Software
ControlEdge PLC R15x	R151.1	2018-11	Supported	Standalone Software
ControlEdge PLC R15x	R152.1	2019-04	Supported	Standalone Software
ControlEdge PLC R16x	R160.2	2019-12	Supported	Standalone Software
ControlEdge PLC R16x	R161.1	2020-04	Current	Standalone Software
DynAMo Alerts & Notifications (A&N) R200	UA R321.2	2013-10	Current	Standalone Software
DynAMo Documentation & Enforcement (D&E) R200	ACM R321.11	2016-05	Current	Standalone Software
DynAMo Metrics & Reporting (M&R) R200	R202.1	2017-03	Current	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) 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 R50x	R500.1	2017-04	Supported	Software Package
Experion Backup and Restore R50x	R501.1	2017-04	Supported	Software Package
Experion Backup and Restore R50x	R501.2	2017-04	Supported	Software Package
Experion Backup and Restore R50x	R501.3	2017-04	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	R510.2	2018-09	Supported	System Software
Experion HS R51x	R511.1	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 R11x	R110.2	2014-09	Supported	System Software
Experion LX R12x	R120.1	2015-03	Supported	System Software
Experion LX R50x	R500.2	2017-11	Supported	System Software
Experion LX R51x	R510.2	2018-11	Current	System Software
Experion MX CD Controls R70x	R700.1	2017-03	Supported	Software Package
Experion MX CD Controls R70x	R701.2	2018-05	Supported	Software Package
Experion MX CD Controls R70x	R702.1	2019-06	Current	Software Package
Experion MX CDMV Controls R70x	R700.1	2017-03	Supported	Software Package
Experion MX CDMV Controls R70x	R701.1	2018-05	Supported	Software Package
Experion MX CDMV Controls R70x	R702.1	2019-06	Current	Software Package
Experion MX MD Controls R70x	R700.1	2017-03	Supported	Software Package
Experion MX MD Controls R70x	R701.1	2018-05	Supported	Software Package
Experion MX MD Controls R70x	R702.1	2019-06	Current	Software Package
Experion MX MDMV Controls R70x	R700.1	2017-03	Supported	Software Package
Experion MX MDMV Controls R70x	R701.3	2018-05	Supported	Software Package
Experion MX MDMV Controls R70x	R702.1	2019-06	Current	Software Package
Experion MX/MXProLine R70x	R700.4	2017-03	Supported	System Software
Experion MX/MXProLine R70x	R701.3	2018-05	Supported	System Software
Experion MX/MXProLine R70x	R702.2	2019-06	Current	System Software
Experion PKS R43x	R431.4	2014-03	Supported	System Software
Experion PKS R43x	R431.5	2014-03	Supported	System Software
Experion PKS R43x	R432.1	2014-03	Supported	System Software
Experion PKS R43x	R432.2	2014-03	Supported	System Software
Experion PKS R50x	R501.4	2017-01	Supported	System Software
Experion PKS R50x	R501.6	2017-01	Supported	System Software
Experion PKS R51x	R510.1	2018-08	Supported	System Software
Experion PKS R51x	R510.2	2018-08	Supported	System Software
Experion PKS R51x	R511.1	2018-08	Supported	System Software
Experion PKS R51x	R511.2	2018-08	Current	System Software
Fail Safe Controller R71x	R710.9	2011-07	Supported	System Software
Fail Safe Controller R80x	R801.3	2014-10	Current	System Software
Field Device Manager R50x	R500.1	2017-03	Supported	Standalone Software
Field Device Manager R50x	R501.4	2017-03	Supported	Standalone Software
Field Device Manager R51x	R511.1	2019-09	Current	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
Integrated Automation Assessment R15x	R150.1	2018-02	Supported	Standalone Software

Integrated Automation Assessment R16x	R160.1	2019-12	Current	Standalone Software
Intuition Executive R22x	R220.1	2014-05	Supported	Standalone Software
Intuition Executive R23x	R230.1	2015-07	Supported	Standalone Software
Intuition KPI R11x	R110.1	2014-05	Supported	Standalone Software
OptiVision R54x	R541.1	2012-01	Supported	Software Package
OptiVision R56x	R560.2	2014-08	Supported	Software Package
OptiVision R600x	R600.1	2019-10	Current	Software Package
PlantCruise R10x	R100.3	2013-07	Supported	System Software
PlantCruise R11x	R110.2	2014-09	Supported	System Software
PlantCruise R12x	R120.1	2015-03	Supported	System Software
PlantCruise R50x	R500.1	2017-11	Supported	System Software
PlantCruise R51x	R510.2	2018-11	Current	System Software
PMD R90x	R900.2	2017-02	Supported	System Software
PMD R91x	R910.2	2018-12	Supported	System Software
PMD R91x	R910.3	2020-05	Current	System Software
Predict-Amine	R4.0	2017-09	Supported	Standalone Software
Predict-Crude	R2.0	2015-09	Supported	Standalone Software
Predict-O&G	R7.1	2018-09	Supported	Standalone Software
Predict-Pipe	R5.0	2018-12	Supported	Standalone Software
Predict-RT	R140	2019-06	Supported	Standalone Software
Predict-SA	R2.0	2014-12	Supported	Standalone Software
Predict-SW (Sour Water)	R4.0	2018-12	Supported	Standalone Software
Procedure Analyst R41x	R410.0	2013-01	Supported	Standalone Software
Procedure Analyst R43x	R430.1	2015-06	Supported	Standalone Software
Procedure Analyst R50x	R500.2	2017-03	Current	Standalone Software
Process Safety Analyzer	R115	2017-06	Current	Standalone Software
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	R501.3	2018-05	Supported	Software Package
Profit Blending and Movement R510.y	R510.2	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	2014-12	Supported	Standalone Software
Quality OptiMiser R560x	R560.1	2017-11	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	Standalone Software
RTU2020 R12x	R120.1	2016-05	Supported	Standalone Software
Safety Historian R20x	R201.1	2014-03	Current	System Software
Safety Manager R14x	R146.2	2010-05	Supported	System Software
Safety Manager R15x	R153.7	2012-04	Supported	System Software
Safety Manager R15x	R154.2	2012-04	Supported	System Software

Safety Manager R16x	R162.4	2014-10	Current	System Software
Safety Manager SC R20x	R201.2	2018-08	Current	System Software
Secure Media Exchange (SMX)	104.6	2017-08	Current	Standalone Software
Socrates	R10.0	2019-03	Supported	Standalone Software
Symphonite Integration and Analytics R200.1	R200.2	2017-07	Supported	Standalone Software
Symphonite Integration and Analytics R201.2	R201.2	2020-01	Current	Standalone Software
Symphonite Production Accounting & Reconciliation	R200.1	2015-08	Supported	Standalone Software
Symphonite Production Accounting & Reconciliation	R201.2	2015-08	Supported	Standalone Software
Symphonite Production Accounting & Reconciliation	R210.1	2019-02	Current	Standalone Software
Symphonite RPMS	R510.1.8	2018-12	Current	Standalone Software
System Inventory Tool R22x	R220.1	2017-09	Supported	Standalone Software
System Inventory Tool R23x	R230.1	2018-05	Supported	Standalone Software
System Inventory Tool R23x	R230.2	2018-05	Supported	Standalone Software
/System Inventory Tool R23x	R230.3	2018-05	Supported	Standalone Software
System Inventory Tool R30x	R300.1	2019-09	Current	Standalone Software
System Performance Analyzer	R120.1	2019-01	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 R687.x	R687.5	2018-02	Supported	System Software
TPN R687.x	R687.6	2018-02	Supported	System Software
TPN R688.x	R688.2	2019-01	Supported	System Software
TPN R688.x	R688.3	2019-01	Supported	System Software
TPN R688.x	R688.4	2019-01	Current	System Software
TPS (APP) CLM R20x	R200.2	2012-07	Supported	System Software
TPS Builder R43x	R430.1	2016-05	Supported	Software Package
TPS R42x	R421.3	2009-11	Supported	System Software
Uniformance Asset Sentinel R51x	R510.1	2017-04	Supported	Standalone Software
Uniformance Asset Sentinel R51x	R511.2	2017-10	Supported	Standalone Software
Uniformance Asset Sentinel R52x	R520.1	2018-12	Supported	Standalone Software
Uniformance Asset Sentinel R52x	R520.2	2019-07	Current	Standalone Software
Uniformance Executive R31x	R311.1	2018-03	Supported	Standalone Software
Uniformance Executive R32x	R320.1	2018-09	Current	Standalone Software
Uniformance Insight R11x	R110.1	2017-10	Supported	Standalone Software
Uniformance Insight R20x	R200.1	2018-06	Supported	Standalone Software
Uniformance Insight R21x	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 R32x	R321.1	2015-03	Supported	Standalone Software
Uniformance PHD R34x	R340.1	2017-10	Supported	Standalone Software
Uniformance PHD R40x	R400.1	2019-06	Current	Standalone Software

Uniformance Process Studio R32x	R322.2	2016-09	Current	Standalone Software
UniSim Competency Suite	R460.1	2018-04	Supported	Standalone Software
UniSim Competency Suite	R461.1	2019-01	Supported	Standalone Software
UniSim Competency Suite	R470.1	2020-01	Current	Standalone Software
UniSim Design	R460	2018-01	Supported	Standalone Software
UniSim Design	R461.1	2019-04	Supported	Standalone Software
UniSim Design	R470	2019-10	Current	Standalone Software
UserAlert R321	R321.2	2013-10	Supported	Standalone Software
Web Order Services 54x	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.