HONEYWELL INFORMATION, NEWS, AND TIPS

MARCH 2019

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The Search Knowledge Base page allows you to search our Knowledge Base with many technical support-related articles. So, if you need technical assistance, try the Knowledge Base first!
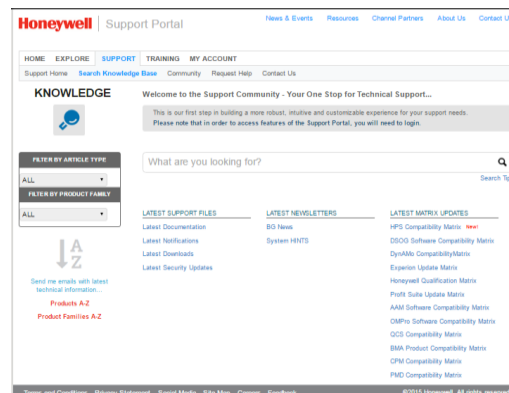
More Support Online (login)

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.

Honeywell Users Group Americas Registration Now Open

Join us and Realize a Return on Investment from Your BEST Operations Yet

The 44th annual Honeywell Users Group Americas will be held June 9-14, 2019, at **The Hilton Anatole, Dallas, Texas**.

Register Now

Registration is Open: **Register before April 25 and Save $300**

During any conference day, you can follow **workshops and training sessions**. We will have an impressive agenda with different tracks throughout the event. Pablos Holman will be speaking on Thursday — this is a presentation you don't want to miss!

Take **a closer look** at the different sessions and **register today**.

The Call for End-user Presentations is open until April 8.

End-user presentations are what make HUG so uniquely valuable, and if approved by the HUG Steering Committee, we'll waive your registration fee. Submit your bio and abstract **online**.

We look forward to seeing you in **Dallas**!

Your Honeywell Team

Microsoft® Server 2008 R2 Operating System Support – Rack Server Computing Platforms

Honeywell is committed to providing Microsoft® Server™ 2008 R2 hardware support for as long as possible. We have continued to work with our hardware vendors to maintain driver and software support for this operating system, and it has become increasingly difficult to find hardware components that will maintain support. This requirement is not limited to the processor manufacturer and first-party hardware from companies like Dell; third-party components such as network cards, graphics processors, and storage controllers must also have native operating system compatibility to ensure a complete, supportable hardware solution.

Honeywell's next-generation 1U rack servers are expected to be released in Q3 2019. Vendor operating system support on the 1U platforms will be limited to Microsoft Server 2012 R2 and later, and the platforms will support the use of Microsoft Server 2016 for Experion R500, R501, and R510. While it is projected that supplies of the current Microsoft Server 2008 R2-compliant 1U rack platforms will be available until the release of the new servers, supplies are subject to vendor availability and inventory could potentially be exhausted before that time. Honeywell recommends procuring inventory of the current Honeywell 1U rack platforms to meet any anticipated demand for application releases that utilize Microsoft Server 2008 R2.

The following options are available for customers who will require continued rack server hardware support for Microsoft Server 2008 R2:

- Migrate to Experion Virtualization Solutions

- Use the Honeywell-qualified 2U Dell R740XL (MZ-PCSV65)

- Obtain warranty extensions on existing hardware platforms

- Obtain hardware through Honeywell Certified Recycled Parts (CRP)

Uniformance PHD and Insight Roadmap Sneak Peak

An exciting new Uniformance PHD upgrade is coming in mid-2019. PHD R400 will provide unmatched customer value through:

- Screaming-fast responses to queries. Times to fulfill data queries improve by 80%, providing excellent responsiveness to desktop users. In addition, your IT department will benefit from lower CPU utilization and a 4x improvement in data storage rates, allowing PHD to keep up with the ballooning volumes of data required by users.

- PHD's new redundancy option ensures that applications and end-users are never left cold during a PHD server outage. The new 4-way robust PHD option ensures:

  o Data is always flowing to the two synchronized PHD servers. If one server is down due to planned maintenance or unplanned failures, the other is available to provide real-time continuity to users.

  o The PHD R400 robust client quickly switches the user or application from the failed PHD server to the active node.

- o The Experion Link and OPC RDI (Real-time Data interface) now support redundant collectors as well as history recovery, ensuring uninterrupted data flow.

- o The robust shadow server can be at different physical locations, providing that a system can be used as a disaster recovery locale.

Honeywell is also planning a mid-year enhancement release of Uniformance Insight, our popular web-based user dashboard for PHD or any time series history data. Its thin client architecture vastly reduces IT costs as compared to traditional desktop-installed applications. Uniformance Insight's ease of use makes it ideal for ad hoc data exploration and incident investigation, while its web dashboarding is a great solution for quickly viewing current operational conditions and monitoring process performance. Uniformance Insight R210 builds on the traditional trending and graphics, providing:

- A highly flexible navigation portal that makes displays easy to organize, including searching and favorites

- R210 can easily navigate the customer's asset model, making it easy to access tags as well as data from a number of Honeywell applications. By applying asset templates, users can easily build displays that can be employed for many pieces of like equipment.

- The Excel add-in, Excel Companion, has been enhanced to support 64-bit versions of Excel, and is available to users of Uniformance Insight.

We will be highlighting these exciting new releases at Honeywell Users Group Americas. Join us in the migration workshop, see a demo, or sign up for a one-on-one discussion about how upgrading to PHD R400 and Uniformance Insight R210 can help you.

Honeywell And Lin & Associates Team Up for Development and Distribution of ALTIUS HMI Software

Customers will benefit from a wider selection of solutions and improved operational effectiveness of the human-machine interface (HMI) software for Experion PKS.

Honeywell Process Solutions (HPS) and Lin & Associates (L&A) are teaming up to improve operator efficiency for successful plant operations. Under their agreement, Honeywell will support the development of L&A's ALTIUS HI-Performance HMI Solution application for Honeywell's Experion® Process Knowledge System (PKS). In turn, Honeywell will be the exclusive global reseller of licensing and support agreements for the human-machine interface (HMI) software outside of the existing ALTIUS install base.

Customers with current or future releases of ALTIUS HMI solutions for Experion PKS will benefit from improved operational effectiveness. Users of the ALTIUS software will benefit from support from both companies. In addition, Honeywell will continue to develop and sell its HMIWeb Solution Pack to customers, enabling them to select the HMI solution that best suits their operational needs.

"Over the last few years, L&A's graphic and control solutions have improved the value of our systems to our customers," said John Rudolph, president of HPS. "Through this agreement, we will not only both be better able to meet our customers' software needs, but L&A will also leverage local Honeywell field services to strengthen their offering to our joint customers in various markets."

"Our strategic alliance with Honeywell provides our customers with the expertise of two industrial leaders in the control industry that matches each other perfectly," commented Diana Lin, president and CEO, L&A. "Customers will now be able to implement a value-added, high-performance offering for a complete HMI solution to exploit the full potential of Experion PKS."

Important Robustness Enhancement Server Patch 4 Released for R501.2

Honeywell has released an important robustness enhancement server patch for Experion R501.2, which will resolve a problem affecting systems with TotalPlant Solution (TPS) integration or OPC Advanced.

1-ADOOXVL - On a TPS system, data on displays may continually toggle between good status and inverse video.

The PAR is already resolved in R501.4 and later releases.

HPS Technical Support recommends deploying SP4 on all R501.2 systems (TPS connected or not).

Download:
- [Experion-PKS-R501-2-Server-Patch-4-SCN](#)
- [Experion-PKS-R501-2-Server-Patch-4](#)

Recommended EBR Backup Schedules for Experion Nodes

For Experion nodes, the HPS Technical Support recommended philosophy for backups includes:

- Weekly full backup for node with database (i.e., ESV/ESVT/EAS/Eserver & PBM) with daily incremental/differential
- Fortnightly or monthly full backup for all other node types since no content changes (i.e., ESF/ESC/EST/ACE)

Schedule backup such that there is minimum or no overlap between different backups (i.e., to preserve the overall network bandwidth)

We do not recommend backing up domain controllers since:

i) We recommend multiple DCs in the domain

ii) Backup for DCs is not necessary, since it is "aged" quickly and therefore useless if restored (and can cause Experion to be unusable if an old DC image is restored)

Safety Systems Notification Matrix

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

| Version:	Date:	Modification:
3.2	February 26, 2019	Added: • Safety Manager SC R200.3 • FSC Navigator R801.2 • BW2019-03 Load failed during firmware upgrade • PN2019-06 External Power down on 48VDC or higher voltage output modules may cause control processors to halt

Experion Update Matrix

The Experion Update Matrix has been updated to version 228. The matrix can be found in the attachment or at the following link (log-in required): www.honeywellprocess.com/library/support/software-downloads/Experion/experion-update-matrix.zip

Version	Date	Update
v228	28-Feb-19	Microsoft Security Update ISO - 19 Feb 2019 Microsoft Security Updates RMISO - 19 Feb 2019 - Honeywell Trace tab EPKS R510.1 Server Patch 3 and HMIWeb Patch 1 EPKS R501.2 Server Patch 4 EPKS R500.2 Tools and Controller Hotfix 9 EPKS R432.1 Server Patch 6 EPKS R430.6 Tools and Controller Hotfix 3 PN2019-06 PN2019-02 PN2017-12A RAL2019-02 PN2019-05 PN2019-01 BW2019-04 RAL2019-01 PN2019-04 PN2018-30A BW2019-03 PN2019-03 PN2017-19B BW2019-02 Experion Media Reference Honeywell Qualification Matrix PC Platform Driver Update Matrix - update T5820 in EPKS R5xx

Understanding and Resolving ESVT TPN Server Congestion

We are sharing a document and tools that will enable you to understand and resolve TotalPlantSolution (TPS) Interface congestion on an Experion Server TPS (ESVT). The process can be used on a live system.
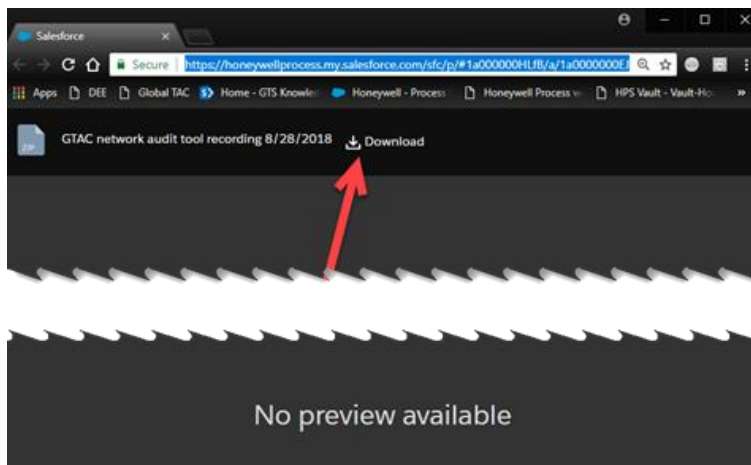
Workflow:
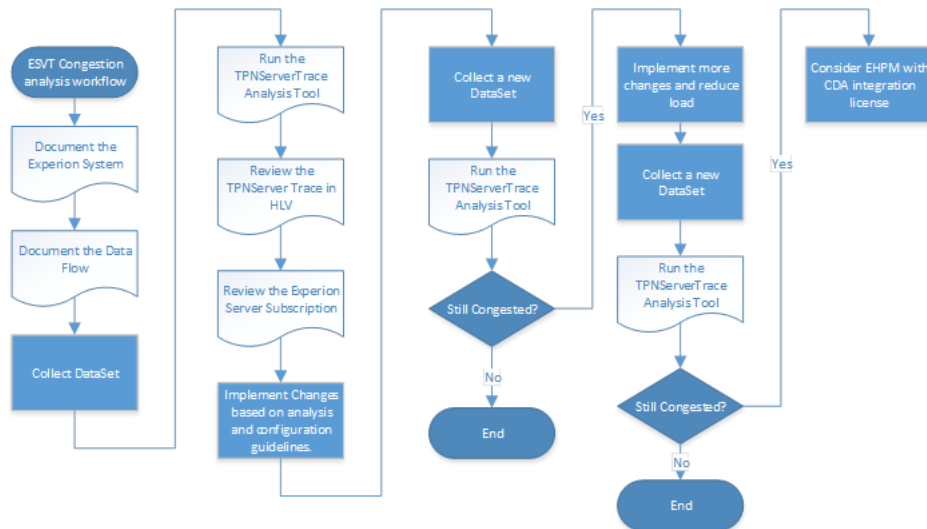
Video recording:

A video describing the analysis process can be downloaded here.

Once you click on the link, select "Download" to download the recording as a video file.

Instructions for downloading document:

Once logged in to www.honeywellprocess.com, go to the Support Section and search for article 84148. Or, click on the link once logged in to Honeywellprocess.com.

Installing Standalone RDM on Win2012 R2, Win 2016 or Win 10

Honeywell has released an update to a document (revision 6) describing how to install and configure Standalone RDM on Windows 2012/2016 or Windows 10. The same procedure can be used on any other OS Type.

Instructions for download:

Once logged in to www.honeywellprocess.com, go to the Support section and search for article 81612. Or, click on the link once logged in to honeywellprocess.com

C300 and C200 Quick Performance Check and Understanding C300/C200 Subscriptions

We are sharing a document and tools that will enable you to quickly check the performance of C300/C200 controllers using an HMIWeb Display. We are also sharing a method to setup an alarm/event if the controller runs out of subscriptions.

Please watch the video that describes the mechanism of CDA subscription, and explains how it can affect Experion® systems when exhausting subscriptions.

Video recording:

A video describing the CDA subscription mechanism can be downloaded here.

Once you click on the link, select "Download" to download the recording as a video file.

No preview available
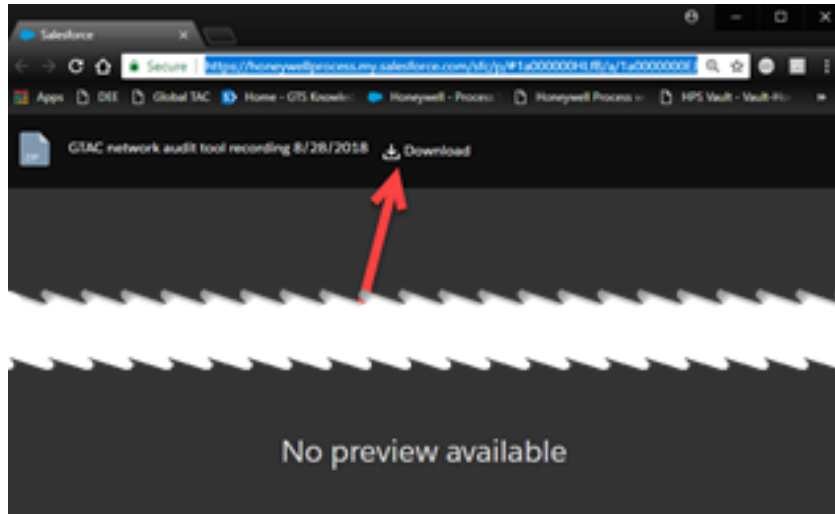
Instructions for downloading document and displays:

Once logged in to www.honeywellprocess.com, go to the Support Section and search for article 65133. Or, click on the link once logged in to honeywellprocess.com

Additional assistance with the analysis:

Please contact your local Honeywell representative or raise a support case with HPS Technical Support if you need further assistance with the analysis process.

Experion DCT – Why it's Useful for HPS Technical Support

Article: 100183

Rev 1

Make sure you have the latest version of this document and registry files by searching for article 100183 on honeywellprocess.com>support or: https://honeywellprocess-community.force.com/hpsservice/Search_Knowledge_Base#Experion-DCT-Why-is-it-useful-for-HPS-Technical-Support

Why a DCT CAB file is important for HPS Technical Support:

The Diagnostic Capture Tool (DCT) utility collects Experion log files and system details by executing a predefined set of commands on Experion Server and Console Station nodes. The output of the utility is a cab file similar to a zip file.

The cab file can be shared with HPS Technical Support. It will enable the TAC engineer to perform checks on the system configuration and troubleshoot problems with a first set of meaningful data.

Steps to collect a DCT package:

1. Log-in as a user member of both Administrators and Product Administrator groups. Being a member of DCS Administrator is not enough

2. Launch the Diagnostic Capture Tool as shown below
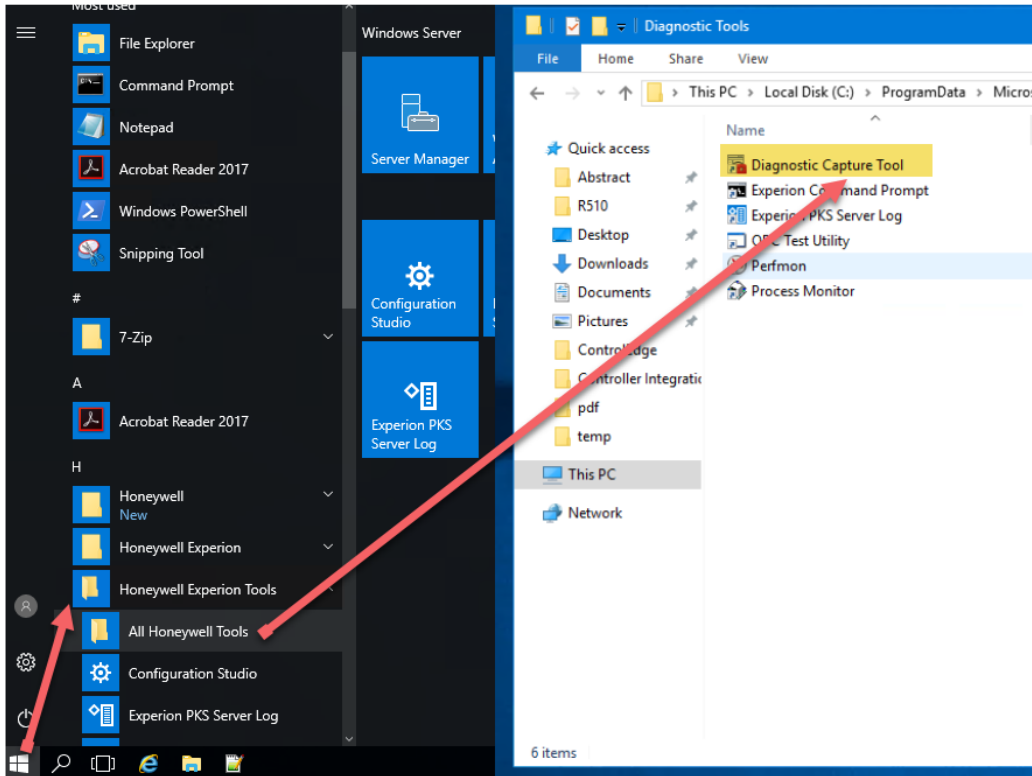
3. Review the Package Option (see following section to select the appropriate options for the problem being reported) and Save Diagnostic Package
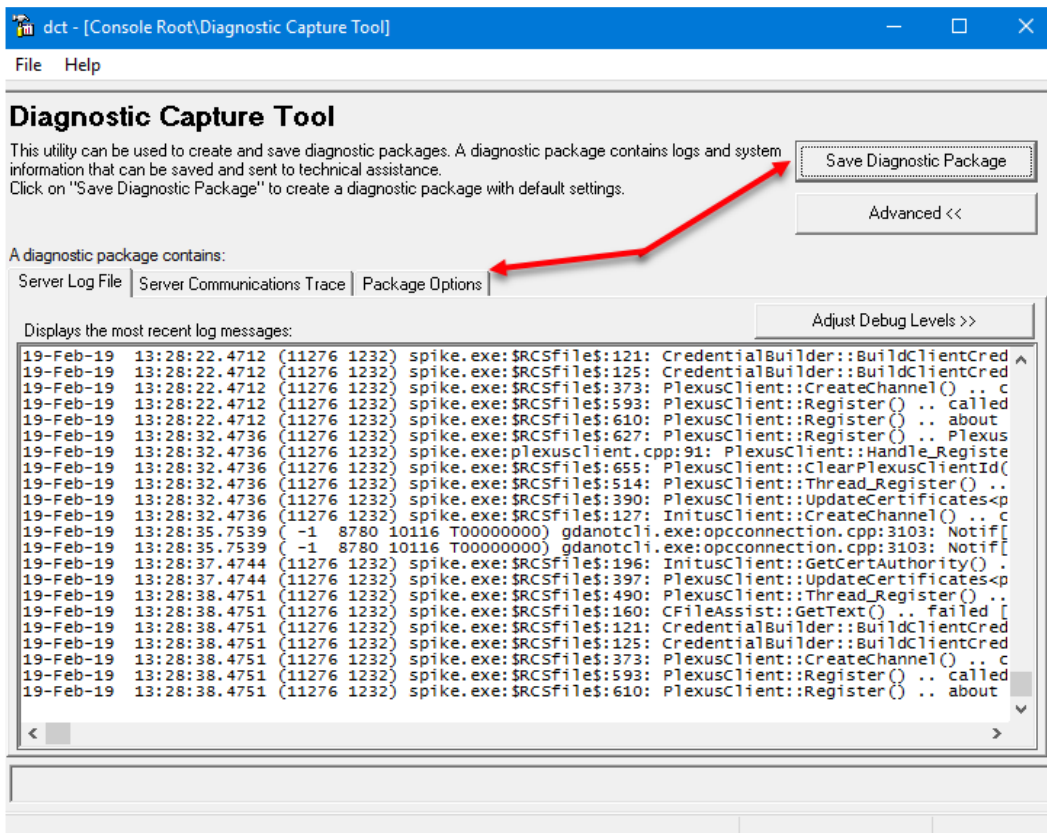
4. Email or SFTP the generated CAB file

What Experion Node DCT would be required by GTAC?

DCT Package Option	Scenario
For SCADA or Server-side issues	Collect the DCT of the primary Experion Server
For Experion Redundancy issues	Collect the DCT from both A and B servers
For Console Station issues	Collect the DCT from both the Primary Experion Server and Console Station
For DSA related issues	Collect the DCT from the Primary Experion Publisher Server and the Primary Subscriber Server

DCT Package Option
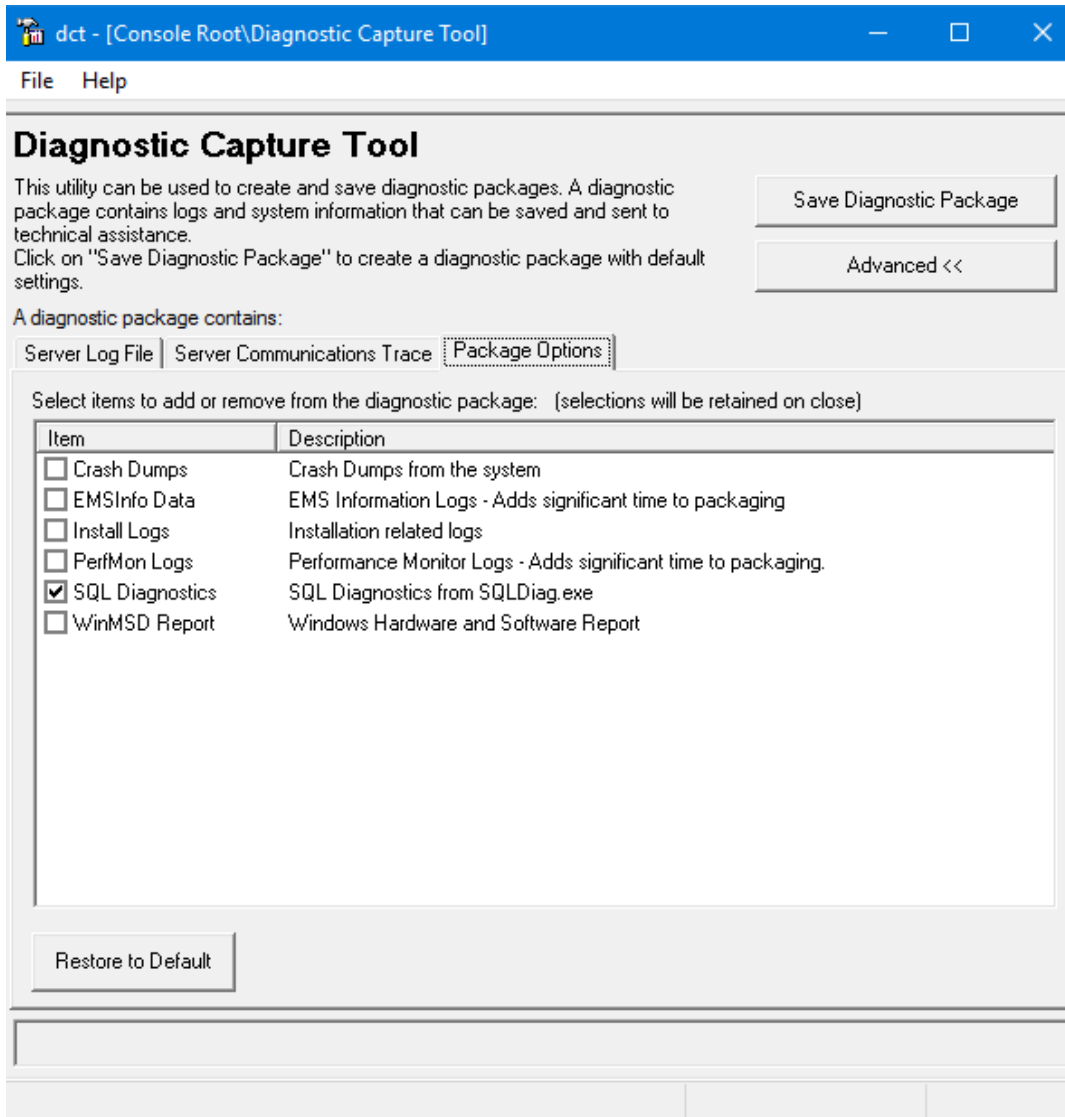
DCT Package Option	Scenario
Crash Dumps	Only required when Experion Applications are crashing or terminating unexpectedly. See troubleshooting section to delete old dumps that are not relevant for the investigation and to reduce DCT file size.
EMS Info	Only when reporting Event synchronization issues
Install Logs	Only when reporting Experion installation problems
Performance Logs (Perfmon Logs)	Always when reporting server-side issues or DSA-related problems. Also when the server is slow or non-responsive.
SQL Diagnostics	Only for Experion Server Event Sync issues or ERDB/EMDG Sync issues
WinMSD	Good to have with Server and CSTN when working performance issues – will provide details on the hardware used

Troubleshooting

Confirm that the logged-in user is a member of both "Windows Administrator" and "Product Administrator" groups. This can be verified by examining the output of "whoami/groups" from a command prompt.

Delete the oldest performance-monitoring file in C:\ProgramData\Honeywell\Experion PKS\Perfmon.

Delete the content of the folder C:\ProgramData\Honeywell\Experion PKS\Server\data\dct\temp.

Delete old process dump files on disk using the procedure below:

1. Search the following directories for crash dumps (*.dmp or *.mdmp):
   - C:\ProgramData\Honeywell\Experion PKS\Server\data\dct\Temp\ErrorHandling
   - C:\ProgramData\Honeywell\Experion PKS\CrashDump
   - C:\ProgramData\Honeywell\HMIWebLog\DumpFiles
   - C:\ProgramData\Microsoft SQL Server\

2. Delete any crash dumps not applicable to the issue that is invested.

Honeywell System Inventory Tool – No Purchase Required

The Honeywell System Inventory Tool, complimentary from Honeywell for current Experion PKS customers, is a self-service tool to scan the inventory details of the entire 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

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 (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
BW2019-05 Introducing new FIM4-FIM8 Hardware Revision	CC-PFB401 Fieldbus I/F, 4-seg & CC-PFB801 Fieldbus I/F, 8-	Experion PKS R310, R311, R400, R410, R430, R431, R432, R500, R501	03/22/2019
PN2019-09 Inability to control desired output parameters of ENUM type in Ethernet/IP Drive or Devices	C300	Experion PKS R501 & R510	03/22/2019
PN2017-24A Detect HART handheld function USIO not activated with Force key	Safety Manager	R152, R153, R160 & R161	03/21/2019
PN2019-07 System Inventory Tool installed from Experion DVD	Safety Manager	R510.x	02/28/2019
PN2019-06 External Power down on 48VDC or higher voltage output modules may cause control processors to halt	Safety Manager	R150, R151, R152, R153, R160, R161, R162	02/22/2019
BW2019-03 Load failed during firmware upgrade	Safety Manager	R153.6, R153.7, R160, R161, R162.1	02/22/2019

Products Revisions and Support Status

Latest Revision	Latest Patch/Update	Support Status	Functional Release - First Shipment Announcement	Software Product Category
Experion PKS R51x	R510.1	Current	2018-08	System Software
Experion PKS R50x	R501.4	Supported	2017-01	System Software
Experion PKS R43x	R432.2	Supported	2014-03	System Software

Experion Backup and Restore R501	R501.2	Current	2017-12	Software Package
Experion Backup and Restore R500	R500.1	Supported	2017-04	Software Package
Experion Backup and Restore R43x	R431.1	Supported	2014-06	Software Package
Procedure Analyst R43x	R430.1	Current	2015-06	Software Package
Procedure Analyst R41x	R410.0	Supported	2013-01	Software Package
Procedure Analyst R40x	R400.0	Supported	2011-05	Software Package
Procedure Analyst R6.x	R6.1	Supported	2008-12	Software Package
Field Device Manager R50x	R500.1	Current	2017-03	Stadalone Software
Field Device Manager R45x	R450.1	Supported	2015-02	Stadalone Software
Field Device Manager R44x	R440.1	Supported	2014-06	Stadalone Software
Field Device Manager R43x	R430.1 (Patch 1)	Supported	2012-06	Stadalone Software
ControlEdge 2020 R15x	R151.1	Current	2018-11	System Software
ControlEdge 2020 R14x	R140.1	Supported	2017-04	System Software
RTU2020 R12x	R120.1	Supported	2016-05	System Software
RTU2020 R11x	R110.1	Supported	2015-06	System Software
Safety Manager R162	R162.1	Current	2016-09	System Software
Safety Manager R153	R153.7	Supported	2013-07	System Software
Safety Manager R146	R146.2	Supported	2010-09	System Software
Safety Historian R200	R201.1	Current	2014-06	System Software
Safety Historian R141	R141.1	Supported	2008-07	System Software
Safety Manager SC R200	R200.3	Current		System Software
TPN R688.x	R688.1	Current	2019-01	System Software
TPN R687.x	R687.3	Supported	2018-02	System Software
TPN R686.x	R686.4	Supported	2016-10	System Software
TPN R685.x	R685.4	Supported	2016-06	System Software
TPS R42x	R421.3	Supported	2009-11	System Software
TPS Builder R430	R430.1	Supported	2016-05	Software Package
TPS (APP) CLM R20x	R200.2	Supported	2012-07	System Software
TPN (AM) CLM R36x	R360.12	Supported	2002-01	System Software
Fail Safe Controller R801	801.2	Current	2011-08	System Software
Experion HS R51x	R510.1	Current	2018-09	System Software
Experion HS R50x	R500.3	Supported	2017-08	System Software
Experion HS R43x	R430.1	Supported	2015-03	System Software
Experion HS R41x	R410.1	Supported	2013-07	System Software
Experion LS R40x	R400.1	Current	2011-06	System Software
Experion LS R30x	R300.1	Supported	2009-11	System Software
Experion LX R12x	R120.1	Current	2015-03	System Software
Experion LX R11x	R110.2	Supported	2014-09	System Software
Experion LX R10x	R100.1	Supported	2013-08	System Software
PlantCruise R12x	R120.1	Current	2015-03	System Software
PlantCruise R11x	R110.2	Supported	2014-09	System Software
PlantCruise R10x	R100.3	Supported	2013-07	System Software
PMD R91x	R910.1	Current	2018-12	System Software
PMD R90x	R900.2	Supported	2017-02	System Software

PMD R83x	R831.1	Supported	2015-02	System Software
PMD R80x	R800.4	Supported	2013-03	System Software
Experion MX/MXProLine R70x	R701.1	Current	2017-06	System Software
Experion MX/MXProLine R61x	R615.3	Supported	2013-02	System Software
Experion MX/MXProLine R60x	R603.1	Supported	2011-04	System Software
Experion MX MD Controls R70x	R701.1	Current	2017-03	Software Package
Experion MX MD Controls R61x	R611.1	Supported	2013-02	Software Package
Experion MX MDMV Controls R70x	R701.1	Current	2017-03	Software Package
Experion MX MDMV Controls R61x	R611.1	Supported	2013-02	Software Package
Experion MX CD Controls R70x	R701.1	Current	2017-03	Software Package
Experion MX CD Controls R61x	R610.1	Supported	2013-02	Software Package
Experion MX CDMV Controls R70x	R701.1	Current	2017-03	Software Package
Experion MX CDMV Controls R61x	R610.1	Supported	2013-02	Software Package
Experion MX IntelliMap R61x	R610.1	Current	2013-02	Standalone Software
Experion MX IDP Scout R61x	R610.1	Current	2013-02	Standalone Software
Uniformance Executive R31x	R311.1	Current	2018-03	Standalone Software
Intuition Executive R23x	R230.1	Current	2015-07	Standalone Software
Intuition Executive R22x	R220.1	Supported	2014-05	Standalone Software
Uniformance KPI R13x	R130.1	Current	2018-03	Standalone Software
Uniformance KPI R12x	R121.1	Supported	2017-05	Standalone Software
Intuition KPI R11x	R110.1	Supported	2014-05	Standalone Software
Uniformance Asset Sentinel R520.1	R520.1	Current	2018-12	Standalone Software
Uniformance Asset Sentinel R511	R511.2	Supported	2017-10	Standalone Software
Uniformance Asset Sentinel R510	R510.1	Supported	2017-04	Standalone Software
Uniformance PHD R340	R340.1	Current	2017-10	Standalone Software
Uniformance PHD R321	R321.1	Supported	2015-03	Standalone Software
Uniformance Insight R200	R200.1	Current	2018-06	Standalone Software
Uniformance Insight R110	R110.1	Supported	2017-10	Standalone Software
Uniformance Insight R102	R102.1	Supported	2017-02	Standalone Software
Uniformance Process Studio R322	R322.2	Current	2016-09	Standalone Software
Profit Suit R50x	R500.1	Current	2018-10	Software Package
Profit Suit R44x	R441.1	Supported	2017-04	Software Package
Profit Suit R43x	R431.1	Supported	2014-12	Software Package
Profit Suit R41x	R411.1	Supported	2013-05	Software Package
Control Performance Monitor R60x	R601.2	Current	2018-05	Software Package
Control Performance Monitor R57x	R570.1	Current	2014-12	Software Package
Control Performance Monitor R56x	R560.1	Supported	2013-03	Software Package
Profit Blending and Movement R501.y	R501.2	Current	2016-11	Software Package
Profit Blending and Movement R500.y	R500.2	Supported	2016-11	Software Package
Profit Blending and Movement R431.y	R431.4	Supported	2016-04	Software Package
Blending and Movement Automation R430.y	R430.4	Supported	2015-08	Software Package
Quality OptiMiser for QCS R550x	R550.2	Current	2014-12	Standalone Software
Quality OptiMiser R550x	R550.2	Current	2014-07	Standalone Software
Quality OptiMiser R550x	R550.1	Supported	2012-12	Standalone Software

Quality OptiMiser R540x	R540.1	Supported	2010-10	Standalone Software
OptiVision R541x	R541.1	Current	2015-12	Standalone Software
OptiVision R540	R540.1	Supported	2014-08	Standalone Software
OptiVision R531	R531.1	Supported	2012-01	Standalone Software
Web Order Services 540x	R540.1	Current	2014-08	Standalone Software
UniSim Competency Suite	R460.1	Current	2018-04	Standalone Software
UniSim Competency Suite	R452.1	Supported	2016-11	Standalone Software
UniSim Competency Suite	R451.1	Supported	2016-11	Standalone Software
UniSim Competency Suite	R450.1	Supported	2016-11	Standalone Software
Alarm Configuration Manager R321	R321.11	Supported	2014-08	Standalone Software
Alarm Event Analysis R321	R321.5	Supported		Standalone Software
UserAlert R321	R321.2	Supported		Standalone Software
DynAMo Documentation & Enforcement (D&E) R200	ACM R321.11	Current	2016-05	Standalone Software
DynAMo Documentation & Enforcement (D&E) R120	ACM R321.11	Supported	2016-05	Standalone Software
DynAMo Documentation & Enforcement (D&E) R110	ACM R321.11	Supported	2016-05	Standalone Software
DynAMo Metrics & Reporting (M&R) R200	R201.1	Current	2016-05	Standalone Software
DynAMo Metrics & Reporting (M&R) R120	R120.2	Supported		Standalone Software
DynAMo Metrics & Reporting (M&R) R110	R110.2	Supported		Standalone Software
DynAMo Alerts & Notifications (A&N) R200	UA R321.2	Current		Standalone Software
DynAMo Alerts & Notifications (A&N) R120	UA R321.2	Supported		Standalone Software
DynAMo Alerts & Notifications (A&N) R110	UA R321.2	Supported		Standalone Software
DynAMo Operations Monitoring (DOM) R220	R220.3	Current	2018-06	Standalone Software
DynAMo Operations Monitoring (DOM) R211	R211.4	Supported	2017-08	Standalone Software
DynAMo Operations Monitoring (DOM) R200	R200.1	Supported	2017-02	Standalone Software
DynAMo Operations Monitoring (DOM) R121	R121.1	Supported	2016-09	Standalone Software
DynAMo Operations Monitoring (DOM) R100	R100.1	Supported	2013-04	Standalone Software
DynAMo Operations Logbook (DOL) R220	R220.3	Current	2018-06	Standalone Software
DynAMo Operations Logbook (DOL) R211	R211.4	Supported	2017-08	Standalone Software
DynAMo Operations Logbook (DOL) R200	R200.1	Current	2017-02	Standalone Software
DynAMo Operations Logbook (DOL) R121	R121.1	Supported	2016-09	Standalone Software
DynAMo Operations Logbook (DOL) R100	R100.1	Supported	2014-07	Standalone Software
Honeywell Trace R120	R120.1	Current		Standalone Software
Honeywell Trace R110	R110.1	Supported		Standalone Software
Honeywell Trace R100	R100.1	Supported		Standalone Software
Risk Manager	R170	Current		Standalone Software
Secure Media Exchange (SMX)	R102.3	Current		Standalone Software

| Immersive Competency | R100.1 | Current | 2018-07 | Standalone Software |

NOTE: Software releases not listed in the table above 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.