Honeywell

BENEFITS GUARDIANSHIP NEWSLETTER

QUARTERLY NEWS / Q4

Welcome to the quarterly Benefits Guardianship e-Newsletter.
Here you will find the latest product updates, new release information, industry news and Honeywell Connected Industrials solution articles.

This issue includes information on:

- *Be Aware ADVISORY BW 2025-02: PHD R430 Broken CPU Affinity.*
- *Honeywell Inspection Rounds: Restoring missing data in SSRS reports*
- *Honeywell Blending & Movement BGP Plus*
- *Honeywell Workforce Competency Future SCADA Adapter migration path for Process Training Simulator*
- *UniSim Design – PFD Hot Keys*
- *Honeywell Alarm Management: Alarm Performance Optimizer R2.0.0 release available*
- *Honeywell Operations Management – Knowledge Article Quarter: Summary of Articles – 2024*
- *Intuition Forms End of Life Announcement*
- *Honeywell Production Management - PAR R212.3 point release available*
- *List of Knowledge Articles published to Process.Honeywell.com*

If you have any questions or comments, don't hesitate to contact us:

GlobalBGPDeliveryCentre@honeywell.com

ENTERPRISE DATA MANAGEMENT

- Be Aware ADVISORY BW 2025-02: PHD R430 Broken CPU Affinity

READ **ENTERPRISE DATA MANAGEMENT** ARTICLES

HONEYWELL INSPECTION ROUNDS

- Restoring missing data in SSRS reports

READ **INSPECTION ROUNDS** ARTICLES

HONEYWELL BLENDING AND MOVEMENT

- HBM BGP Plus Features and Benefits

READ **BLENDING AND MOVEMENT** ARTICLES

HONEYWELL WORKFORCE COMPETENCY

- Future SCADA Adapter migration path

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UNISIM® DESIGN SUITE

- PFD Hot Keys

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HONEYWELL ALARM MANAGEMENT

- Alarm Performance Optimizer R2.0.0 (standard On-Prem installable offering)

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HONEYWELL OPERATIONS MANAGEMENT

- Knowledge Article Quarter: Summary of Articles – 2024

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UPCOMING PRODUCT RELEASES | CONTACT

Enterprise Data Management

Be Aware ADVISORY BW 2025-02: PHD R430 Broken CPU Affinity.

AFFECTED CUSTOMERS:

Customers using PHD release R430.1 on relatively large systems that have a high RDI count, and/or have a client load which results in a burst of concurrent connections.

ANOMALY SUMMARY

Microsoft made changes to CPU thread affinity behavior in Windows between Windows Server 2016, Windows Server 2019 and Windows Server 2022. Code changes in PHD R430.1 to attempt to handle these changes can cause additional overheads and high CPU usage on larger PHD systems during thread creation.

POTENTIAL CUSTOMER OBSERVABLE SYMPTOMS:

- Unexpectedly high CPU usage when:
    - all RDIs are started
    - a burst of concurrent connections to PHD is being made (by CHC, UI and other products that use a pool of connections)
- Slowness in query responses
- Slowness in all operations in an RDP session to the PHD server itself

PROBABILITY OF OCCURRENCE:

- Very low on smaller PHD systems with lower RDI counts and lower client load.
- Some chance of occurrence on medium-sized systems, depending on client load profile.
- Much higher chance of occurrence on larger systems with a large RDI count, and with a client load which results in a burst of concurrent connections.
- Use of RDC will increase the chance of occurrence.

For Further Documentation:

PHD patch release R430.1.2 resolves the mentioned issue. The official release of this patch is schedule for end of Q1 2025 however for affected customers GTAC will provide an early release version.

Before considering installation of the beta version of the patch:

- Ensure hardware resources are appropriately sized for the PHD system size
- Ensure anti-virus and related products have been configured with appropriate exclusions
- If PHD is running on VMware, ensure VMware tuning has been applied

If the described observable symptoms still occur, then contact GTAC to request a beta version of the patch.

Disclaimer:

Approved by the Field Action Committee & Issued by Global TAC

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Honeywell Inspection Rounds (HIR)

<u>Restoring missing data in SSRS reports</u>

Honeywell Inspection Rounds is a cloud-based solution designed for routine checks of assets and equipment in plant-based organizations. It allows users to create and organize bundles of inspection related tasks, referred to as Rounds, for field operations. These rounds are designed to validate asset health, identify Key Performance Indicator (KPI)deviation early, and enhance business outcomes by digitally connecting processes, assets, and workers. The system supports the planning, scheduling, and execution of field inspection rounds, which are performed by workers using mobile devices.

SQL Server Reporting Services (SSRS) tool is integrated with Honeywell Inspection Rounds Cloud App and used to generate detailed incident, deviation, round summary & compliance reports for the completed and missed rounds. If data is not appearing in SSRS reports, it could be due to a synchronization issue between the cloud App and the connector.

This documentation outlines the troubleshooting methodologies to restore missing data in reports, including the utilization of RabbitMQ for issue resolution.

<u>RabbitMQ Introduction</u>

RabbitMQ is a message broker software that facilitates the exchange of information between different systems by sending and receiving messages. It supports various messaging protocols and can be used to manage and monitor message queues. RabbitMQ also includes a management plugin that provides a web-based interface for managing and monitoring the message broker. Honeywell Inspection Rounds uses RabbitMQ to pass messages from the Movilizer Cloud to the Honeywell IR Movilizer Process service, which then directs them to their final store, such as SQL or PHD.

To access RabbitMQ on the connector machine:

1. Open a web browser and launch the RabbitMQ Management Portal http://localhost:15672/
2. Log in with the required credentials.

RabbitMQ Overview web page will appear as shown below:
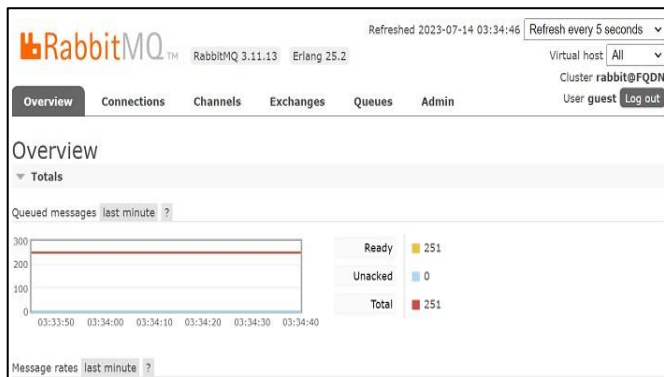
Pic 1: RabbitMQ Overview

Honeywell Inspection Rounds has the following Windows Services to process the RabbitMQ messages:

- Honeywell IR Movilizer Process
- Honeywell IR Historian Process
- Honeywell IR Ignite Data Sync Service
- Honeywell IR Process
- Honeywell IR SQL Process
- Honeywell Notification Processor

Application-related log files

All services mentioned above have relevant log files.

Service	Log file
Honeywell IR Movilizer Process	OR_MovProcessor.log
Honeywell IR SQL Process	OR_SQLProcessor.log
Honeywell IR Historian Process	OR_PHD_Connector.log
Honeywell IR Ignite Data Sync Service	IRDataSyncService.log
Honeywell IR Process	OR_Processor.log
Honeywell Notification Processor	OR_NotificationProcessor.log
Honeywell Failed Message Scheduler	OR_ORFailedMsgScheduler.log
Honeywell Failed Poc	OR_ORFailedPoc.log
Honeywell Processor	OR_ORProcessor.log
Honeywell PHD Connector	OR_PHD_Connector.log
Honeywell Publish Reports Tool	HoneywellPublishReportsTool.log

You can find these log files in the following directory: C:\ProgramData\Honeywell\Inspection Rounds Connector\logs\

Queue Management

By default, the overview page displayed. Navigate to the **Queues** tab located at the top.
In this section, you will see a list of queues. If you have noticed an increase in the number of messages in the **OR_Failed** queue (indicated in the Total column), it may indicate that there might be missing data in the reports.

Pic 2: RabbitMQ Queue

MOV_OR_Generic Queue:
The Honeywell IR Movilizer Process is responsible for this queue. It retrieves data from the cloud machine and sends it to the Honeywell IR Process service.

SQL Queue:
This queue collects data from the Honeywell IR Process service and saves it in SQL.

PHD Queue:
If PHD historian enabled in the machine, this queue collects data from the Honeywell IR Process service and saves it in PHD.

OR_Failed Queue:
When the Honeywell IR Process service fails to process data, it will be transferred to the OR_Failed queue. This situation may result in a lack of data in reports; however, there is no risk of data loss. Data can be retreived with the help of Honeywell team.

If you have observed an increase in the number of messages in the **OR_Failed** queue, export the failed messages with the help of IR Message Reprocess utility. This export will contain the failed messages (data container communicated from the cloud) and the reason for the failure.
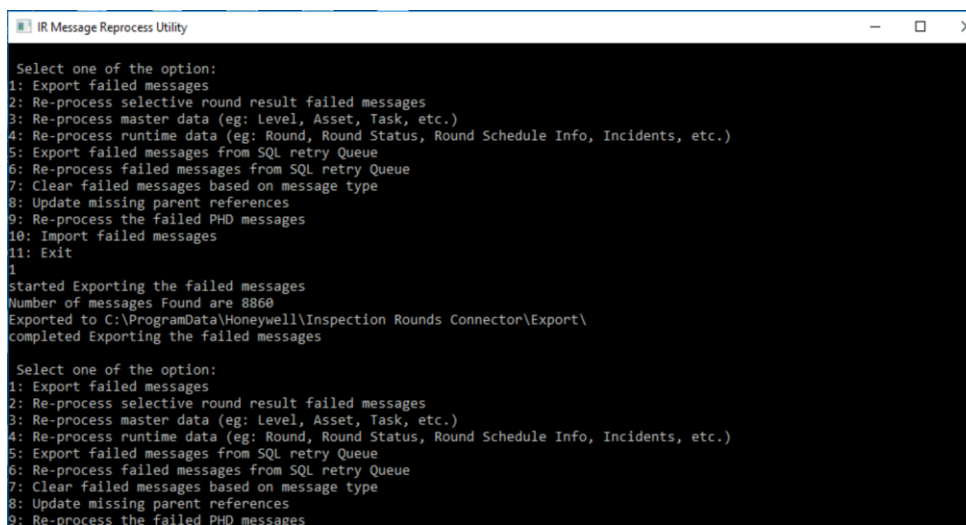
IR Message Reprocess utility

This tool allows users to extract failed messages. To utilize:

Click on Windows **Start** and Type **IR Message Reprocess Utility** to open the tool. The Inspection Rounds connector for version R8 and above includes the following options.

Choose option **1** to export the failed messages. These messages will be exported to the following path:
C:\ProgramData\Honeywell\Inspection Rounds Connector\Export

Pic 3: Exporting failed messages

After exporting the messages, please share them with the Honeywell GTAC team for further investigation. The GTAC team will conduct an internal analysis of the failed messages prior to reprocessing them. Once the analysis and reprocessing are complete, the data will be available in the reports.

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HIR SaaS Updates details

Honeywell Inspection Round R8.4.6 has been updated in the last quarter. Below are the details of the update.

Honeywell Inspection Rounds R8.4.6 update

[MOVOR-19530] - ND: Bug fixes

[MOVOR-19328] - Movelets: Map view is not working in ART

[MOVOR-19361] - Recommendations tile should be aligned correctly to see the priority & type correctly at the bottom

[MOVOR-19374] - Dashboard: Filter not working as expected when navigating to third page from incidents pie chart

[MOVOR-19671] - Easyconfig - User should be taken to page number 1 by default in Round Results page

[MOVOR-19585] - EasyConfig Bug Fixes

[MOVOR-19590] - Started rounds in Edit rounds screen issues

[MOVOR-19554] - Issue page missed entry to be deleted when the round started in online mode and completed in offline mode, later synced

[MOVOR-19704] - Mobile - Readings, Comments, Observation vanished when user Redoes the round

[MOVOR-19602] - 500 Internal server error when navigating to second depth ND page

[MOVOR-19574] - ND api: Missing security header in https response

[MOVOR-19573] - Missing security headers in https response

[MOVOR-19702] - Easyconfig - Round Result Page keeps on loading even though round results are existing

[MOVOR-19691] - Easyconfig - Page Keeps on loading when user clicks on Load Attributes button in the Assets page

[MOVOR-19690] - Easyconfig - Export level is failing with error SEVERE: (TypeError): Cannot read properties of undefined (reading 'map_0')

[MOVOR-19689] - Easyconfig - Type and Value fields are optional during extending the task but currently shows as mandatory

[MOVOR-19715] - Missing Secure and HTTPOnly Flags for Cookies for cookies

[MOVOR-19692] - Mobile: Issue with asset has no task

[MOVOR-19708] - Easyconfig - User is not able to edit and submit this Asset

[MOVOR-17719] - Security Risk: Twistlock - Third party container image for gridgain contains issues

[MOVOR-17699] - Security Risk: BDH - Spring Framework

[MOVOR-19147] - Security Risk: PSIRT - Envoy Proxy - HTTP/2 Continuation frames can be utilized for DoS attacks

[MOVOR-19312] - EasyConfig (Acelen/Inovyn): Filters are getting reset after approval of rounds in Round Approval Page

[MOVOR-19455] - Fix Twistlock and BDH issues in ND API, ND Common and Write API

[MOVOR-19454] - Upgrade latest GridGain and deploy in OR

[MOVOR-19610] - Upgrade GridGain R8.9.9, check security reports and validate ND

[MOVOR-19519] - adjust get userInfo for ADFS non-standard behaviour

[MOVOR-19521] - EasyConfig: Download Errors button needs to be enabled for errors <=5

[MOVOR-19510] - EasyConfig: Add limit type and deviated limit value to the Task table in the Asset details page of round result (show in red)

[MOVOR-19314] - security remediation for media, hfir-rest, service-event components

[MOVOR-19408] - MAF : Adjust the deletion DCs based on index

[MOVOR-19551] - MAF : Add an index based on scheduled start time for both round result and missed

[MOVOR-19513] - MAF : Delete MAF index after MD deletion

[MOVOR-19540] - Round when started in offline mode and later synced in online mode shows the status as Inprogress in Round Result section

[MOVOR-19619] - MAF: Use the new index of scheduled start time for fetching the issues during cleanup job

[MOVOR-19577] - Movelets : Add reExecuted flag inside attached properties

[MOVOR-19608] - MAF: Resolve compatibility issues due to changes of MAF Server Framework

[MOVOR-19647] - MAF : Adjust missed scheduler not to set missed for re-executed rounds

[MOVOR-19488] - MAF: Script to trigger Task Deviations for R7 & R8

[MOVOR-19642] - Create consolidated Connector build (binaries, reports) from R8.4.1 to R8.4.6.

[MOVOR-19643] - Create consolidated SQL scripts from R8 to R8.4.6

[MOVOR-19649] - Check and include exception handling for SQL Script execution in Connector installer

[MOVOR-19458] - ND API: API to get all tasks deviation details irrespective of limit criticality, limit type or the drill down filters

[MOVOR-19611] - Connector: Include issue id for rounds to have hyperlink to Approval workflow

[MOVOR-19612] - ND API: Make query changes to get issue id for rounds and validate

[MOVOR-19552] - HFIR-REST: Adjust Issue listBy category API

[MOVOR-19578] - HFIR-REST: Update the APIs error message header and handle the duplicate Users error message

[MOVOR-19451] - Dashboard : PART-4 - Field operation should be able to view all tasks deviation details at one go irrespective limit Criticality and Type

[MOVOR-19453] - Dashboard : Navigation Label name on the top of the page to be changed from "Asset -> Deviation" to "Assets with "Critical/Medium/Low" Task Deviation"

[MOVOR-19452] - Dashboard : Top 10 count by rank KPI && DATA With level separate by category KPIs placement to be swapped to accommodate more details.

[MOVOR-19339] - ND : Display the bar chart for re-executed rounds when qty is 0

[MOVOR-19587] - EasyConfig : Consume the new listBy api to display the list of issues based on issue category

[MOVOR-19525] - EasyConfig : Enhancements in round result

[MOVOR-19485] - Create ND installer

[MOVOR-19486] - Validate ND installer

[MOVOR-19462] - Generate R8.4.6 consolidated build and validate

[MOVOR-19614] - Create R8.4.6 Connector installer and validate the migration scenario

[MOVOR-19615] - Create R8.4.6 ND installer and validate

[MOVOR-19405] - create MAF index to prevent unnecessary DC generation when cleanup issues

[MOVOR-19509] - EasyConfig : Deviation comment to be made visible in deviation tab (currently only in asset details page visible)

[MOVOR-19365] - Dashboard : PART-1 - Field operation should be able to view all tasks deviation details at one go irrespective limit Criticality and Type

[MOVOR-19449] - Dashboard : PART-2 - Field operation should be able to view all tasks deviation details at one go irrespective limit Criticality and Type

[MOVOR-19450] - Dashboard : PART-3 - Field operation should be able to view all tasks deviation details at one go irrespective limit Criticality and Type

[MOVOR-19586] - EasyConfig/ND : Regenerate security scan reports (BDH, Twistlock, Coverity)

[MOVOR-19533] - Security vulnerability fixes for oidc-auth, logout and tokenx

[MOVOR-19621] - HFIR-REST: Migrate Issues entity to create new indices

[MOVOR-19638] - QA Testing Tasks + Any Bug Fixes

[MOVOR-19504] - EasyConfig/ND : Security Scan fixes and reports (BDH, Twistlock, Coverity)

[MOVOR-19499] - Security vulnerability fixes for auth service

[MOVOR-19404] - security remediation for portal/portal-sdk

[MOVOR-19403] - security remediation minio/nginx-unprivileged/redis

[MOVOR-19402] - Security remediation for event consumer dispatcher

Article submitted by –Abirami Chidambaram, HCI Technical Support – Honeywell Inspection Rounds.

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Honeywell Blending and Movement

Honeywell Blending & Movement BGP Plus

Honeywell Blending and Movement (HBM) solutions provides multiple benefits for refinery offsites, such as reduced product giveaway, improved blend consistency, optimized inventory management, increased tank farm safety, minimized product downgrades and losses, streamlined movement control, and comprehensive data analysis through seamless integration between blending and movement management; all contributing to increased operational efficiency and profitability in industries like refining and storage terminals.

Processes, equipment and personnel change over time. A regular, periodic review of the blending and movement system is effective in ensuring that advanced software solution continues to deliver the benefits and perform optimally.

Honeywell offers an add-on to the HBM Benefits Guardianship Program (BGP) support contract; the BGP Plus is designed to be flexible, and to complement and extend the technical application support provided under the BGP. A standard BGP Plus visit includes three (3) days on site and may make some combination of the following deliverables, depending on need and time required:

a)   Health Check

A health check of the installed HBM system may include:
- database maintenance
- verifying the application functionality
- system usage and performance reporting
- reviewing error files / log files to identify potential issues
- reviewing backup plans.

b)   Knowledge Transfer

As personnel assignments change over time, system knowledge may be lost. The BGP Plus may be used for informal training / knowledge transfer sessions with engineering and/or operations personnel.

c)   Configuration and Tuning

The existing application tuning may be reviewed and updated to meet new site requirements. Application tuning may be updated to address issues or changing conditions. Tuning is most often applied to the tanks in Inventory Monitor, or to update the performance of the Blend Optimizer.

d)   Problem Resolution

Issues that were discovered during the health check, or existing issues, may be investigated and reviewed. As necessary, a case may be submitted to either GTAC or the HBM Support team for additional assistance and formal tracking of identified issues.

e)   Updates

If they fit within the timeframe of the site visit, small application updates may be implemented and commissioned. HBM provisional updates, patches and/or hotfixes may be installed.

The BG Plus program delivers improved application performance, and increased return on the original software investment:
- increased application uptime
- increased operator knowledge, efficiency and buy-in
- better application knowledge for plant personnel for more effective response to issues
- earlier detection of application performance drift
- better application tuning to reflect current plant operations and specifications

- identification of new opportunities for improved system performance.

The BGP Plus visits may be planned to occur annually or semi-annually.

For more information on Honeywell Blending and Movement (HBM), the Benefits Guardianship Program (BGP) or the BGP Plus program, please contact your Honeywell Account Manager or your local Application Support office.

Application Support Contact Information:

The Americas: rac.support@honeywell.com
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Asia Pacific: bflex.support.ap@honeywell.com

Any descriptions of future product direction, intended updates, or new or improved features or functions are intended for informational purposes only and are not binding commitments on us; the sale, development, release or timing of any such products, updates, features or functions is at our sole discretion.

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Honeywell Workforce Competency

Future SCADA Adapter migration path for Process Training Simulator

The Honeywell Process Training Simulator (PTS) is an integral part of Honeywell's Workforce Competency suite, designed to enhance training for industrial workers. At the core of this system is the Experion PKS (EPKS), a Distributed Control System (DCS) featuring powerful Control Execution Environment (CEE) controllers. When this is communicating to a Triconex or Safety Manager PLC system, it may also include a SCADA interface.

This was previously done as emulation in a Shadow Plant model. With the release of Workforce Competency R530.1 in July 2024, a new feature was included to allow the SCADA interface to be done via a SCADA Adapter, to align with the way this is done for CEE modules, with the CEE adapter model. The recent issue of the 2024 Q2 BGP Newsletter detailed the new SCADA adapter. While the advantages and the configuration of the adapter approach were discussed in the previous newsletter, users are enthusiastic about the migration of existing SCADA interface models to the new adapter approach.

The following article provides an overview of the future migration process for projects who need to migrate from the old SCADA interface to the new Adapter. This migration path will be available in the next release of Workforce Competency R531.1.

This migration path will be used for Projects that already have an existing SCADA Interface model and who want to keep the modifications they may have done in this model.

Engineering Studio:

Engineering Studio will be used to generate the migrated model.

The SCADA adapter model in Engineering Studio will present a new option available via a check box for Migration. This needs to be ticked.

The inputs will be the following files, available from the existing SCADA interface model:

- TRAINER.hdw
- TRAINER.pnt
- SPControl.mdb files
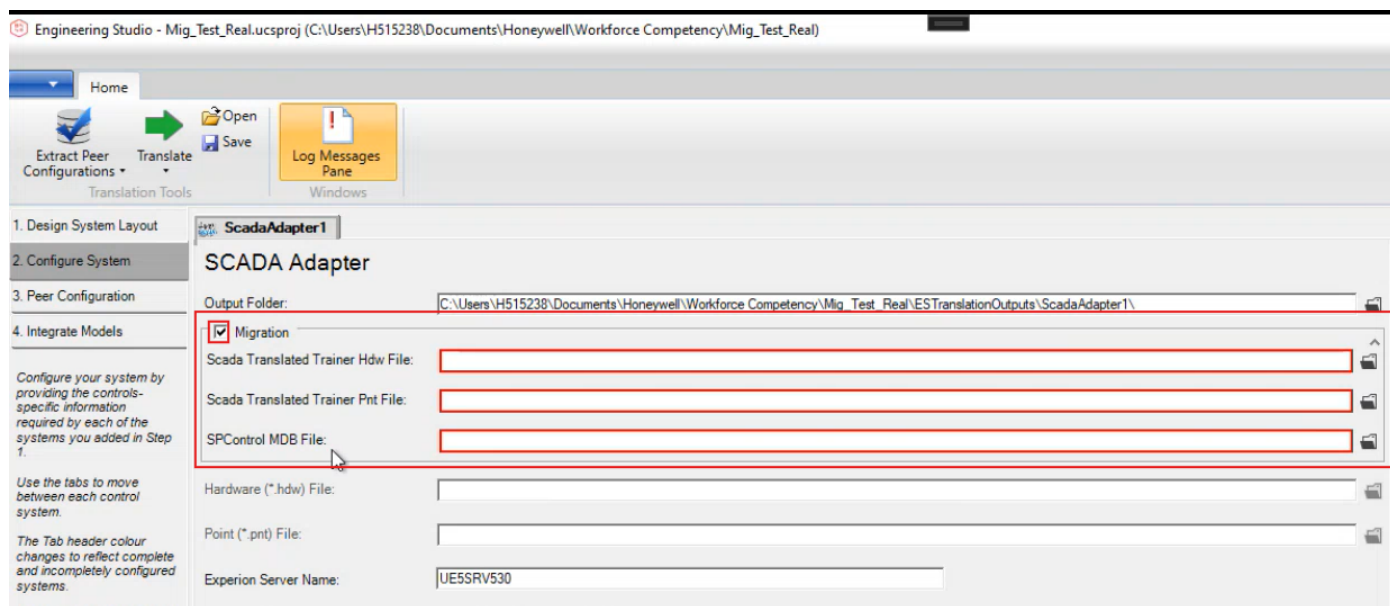
Subsequent steps in Engineering Studio will not be different from the SCADA interface model translation.

The output folder will appear as per below example.

Name	Date modified	Type	Size
Dummy.sic	12/12/2024 7:37 PM	SIC File	0 KB
PSSCADA_Translate_241206110548.Log	12/6/2024 11:05 AM	Text Document	4 KB
PSSCADA_Translate_241206110548.Rpt	12/6/2024 11:05 AM	RPT File	1 KB
PSSCADA_Translate_241209194332.Log	12/9/2024 7:43 PM	Text Document	3 KB
PSSCADA_Translate_241209194332.Rpt	12/9/2024 7:43 PM	RPT File	1 KB
PSSCADA_Translate_241212193720.Log	12/12/2024 7:37 PM	Text Document	3 KB
PSSCADA_Translate_241212193720.Rpt	12/12/2024 7:37 PM	RPT File	1 KB
TRAINER.DcsAdapter	12/12/2024 7:37 PM	DCSADAPTER File	1 KB
TRAINER.mdb	12/12/2024 7:37 PM	Microsoft Access ...	988 KB
TRAINER.ref	12/12/2024 7:37 PM	REF File	114 KB

Setting up the model for Process Training Simulator:

For migration purposes, User will need to copy the ref and the .mdb files generated during translation to the Shadow Plant folder and rename them to the SCADA Adapter model name for the ref file and with extra Snapshots suffix for the mdb (in this example TRAINER.mdb and TRAINER.ref will be moved the Shadow Plant folder and rename respectively to SCADAAdapter1.ref and SCADAAdapter1_Snapshots.mdb).

 In Process Training Simulation, the SCADA interface model will remain, and the SCADA Adapter model will be added.
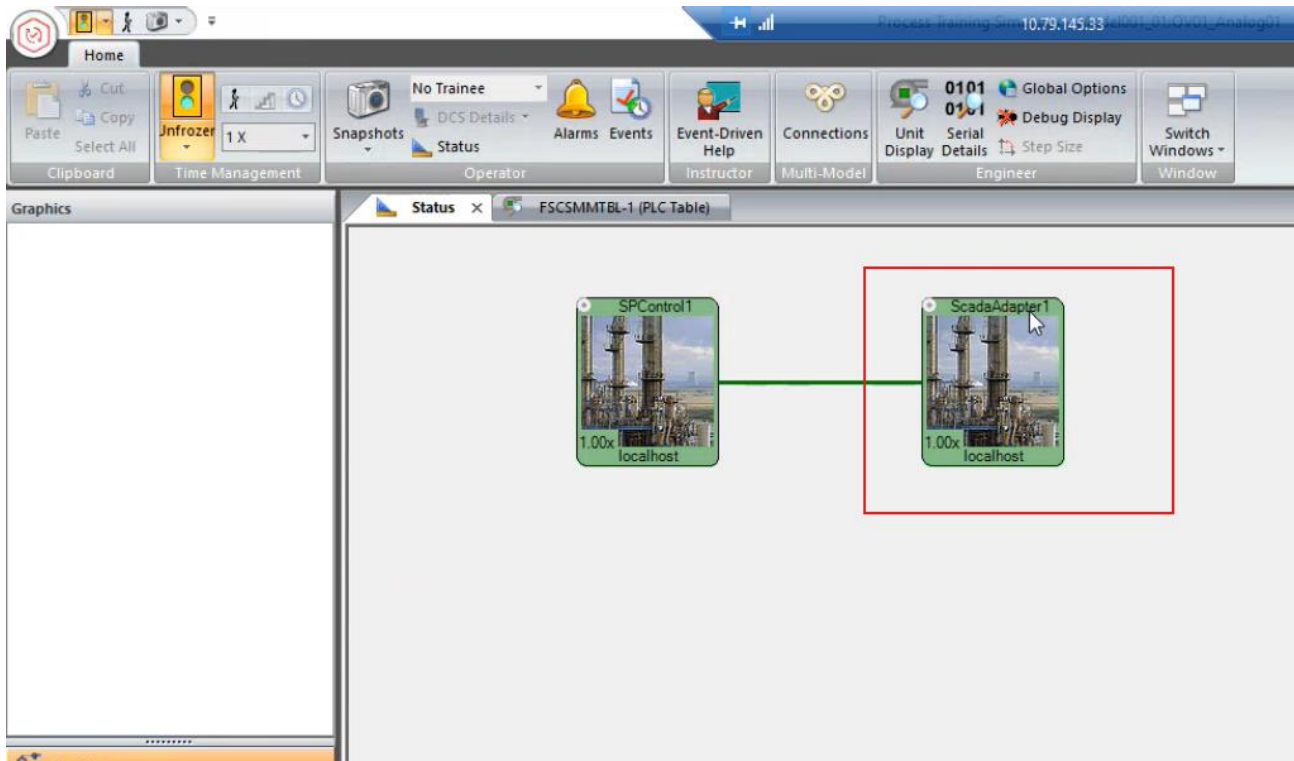
Because the ref file has been moved and renamed, the line between the 2 models will be green.

 The .mdb file will contain all the snapshots that were available with the Interface model before migration so the Adapter snapshots (.sic) will already be there. However, user should note that no physical files for the snapshots will be found in the adapter folder, but they will be available to use and load thanks to the .mdb file.
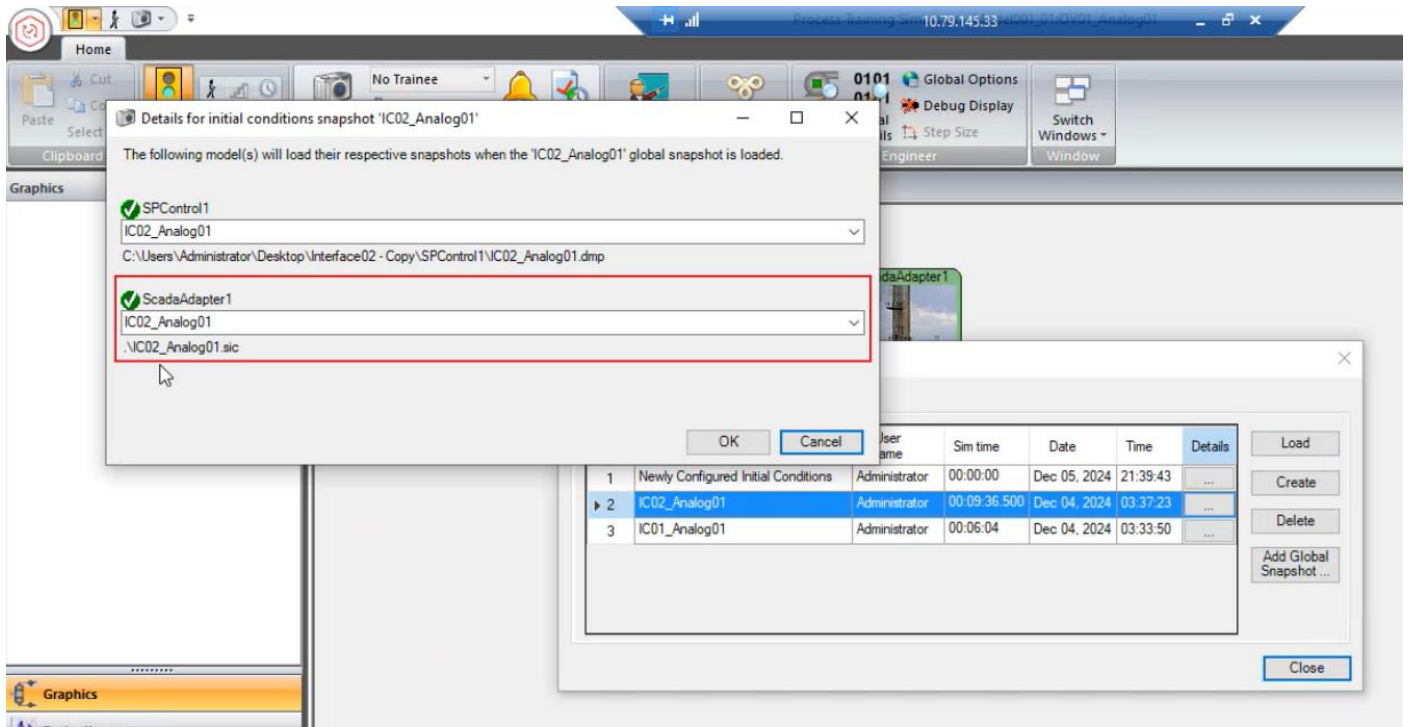
Updates available:

Honeywell Forge Workforce Competency R530.1 update

There is no update for Workforce Competency R530.1 yet (released on July 29th, 2024). However, this main release addressed the following:

HCPP-26680: Model does not load with specific set of smart templates

HCPP-27379: PTS Snapshot does not retain controller modes in CS3000 emulated layer

HCPP-26844: Model throws error for PAKIN and PAKOUT blocks as "PLC address that is not in the Triconex Memory Discrete or Memory Integer range"

Honeywell Forge Workforce Competency R521 update

The latest update for Workforce Competency R521 is 521.5.1.0 (released on September 13th, 2024)

02/08/24 HCPP-28645 : DE: CS3000 Toolkit: network card I/O to be supported

05/08/24 HCPP-28381 : PTS speed reported is less than minimum speed in this case of SIMIT Adapter (refer 2x Speed)

05/08/24 HCPP-28382 : When launched the Model without Starting the SIMIT OPC didn't notice any Error reporting Time Out of the SIMIT OPC

05/08/28 HCPP-28590 : Reset tag which is set to HIGH before saving the snapshot is coming back to LOW after reloading the snapshot

06/08/24 HCPP-28923 : BCAS mode related to SIM2 gcb, Shape(s) and Faceplate(s) in WFC R521.4

09/08/24 HCPP-27963 : TRB: BW-63870: R521.3.0 Yokogawa Server Connection Failing Between PTS for R521.3.0 Yokogawa Server

19/08/24 HCPP-28736 : Generic framework adapter does not read the DCS values after loading snapshot

19/08/24 HCPP-28899 : CEE Adapter: Communication fails from CeeAdapter to EPKS Input blocks with "CDA Error Message: %s: Change Not Permitted"

04/09/24 HCPP-28838 : PTS: The Cee Adapter Model communication fails with an Error "Problem with SyncWrite of AI's to EPKS server"

04/09/24 HCPP-29149 : PTS: In WC R521 PTS splash screen shows a white background and 'Forge' word and logo are missing in Curriculum, Tutor, PTS splash screens

Honeywell Forge Workforce Competency R520 update

The latest update for Workforce Competency R520 is 520.3.2.0 (released on July 5th, 2024)

06/25/24 HCPP-28590 : FB_VAR_ENTRY/ EXIT calls for array elements handled like normal(non-array) Types

02/23/24 HCPP-27773 : 05469988 - TRB: TPSIM's Regctl is not allowing a store to SPTV from an AM CL when its MODATTR is set to "Prog"

UniSim Competency Suite R471 patch releases

The latest patch for UniSim Competency Suite R471 is Patch 6 (released on Mar 6th, 2023)

HCPP-26362: DCS Console Emulation Windows are not getting closed automatically after closing the model

HCPP-26189: Numeric_to_string function crashing CL/Procmod point

HCPP-26220: Increase MAXPREFETCH" error message is produced during CL translation

HCPP-26188: CL translator creates a wrong data format for box timers in Fortran INC file.

HCPP-25358: On Exiting USO, USD UIs are not getting closed in remote machines

HCPP-25130: CS3000/CentumVP interface causing disturbance when loading snapshot using MAX_MARSHALLING_RATE

HCPP-25131: CS3000/CentumVP interface simulation speed not set after first load

HCPP-25572: Alarms are getting activated when PL/LL = SL & PH/HH = SH

HCPP-25072: PG-L13 block functionality is not working as intended

HCPP-25115: vellim block psw is not working.

HCPP-25172: On loading a saved snapshot, ST16 Block executes actions even if the conditions are not satisfied

HCPP-24602: ST16 latch/Unlatch (PV.H) function is not working properly

HCPP-24651: As per CS3000 Emulation Guide SUM Parameter is supported in CALCU_CCS block but can't find this in GCB file

HCPP-24656: SIO21_CCS block is not working as intended

HCPP-24668: ST16_CCS STEP LABEL IS NOT EXECUTED IN PERIDIC EXECUTION TYPE

HCPP-24674: CALCU_CCS block one shot Execution is not working

HCPP-24676: BDSETL_CCS is not transferring values to J01-J16 outlet terminals

HCPP-24694: VELLIM_CCS: Control calculation algorithm is getting executed in MAN MODE

HCPP-24792: Not able to change the mode of PGL13_CCS block from MAN Mode TO AUT / CAS.

HCPP-25071: On loading a saved snapshot, ST16 Block executes actions even if the conditions are not changed

UniSim Competency Suite R470 patch releases

The latest patch for UniSim Competency Suite R470 is Patch 9 (released on August 30, 2023)

HCPP-21032: TRB 1-DHWSZKB:-USO Instrutor Graphics get disorganised.

HCPP-25866: Fix scenario builder for Transmitter Hold/Value fail position

HCPP-22033: SIMIT Adapter RT factor display does not align with SIMIT controller performance and there is a possibility that adapter gets stale data from SIMIT

HCPP-25131: CS3000/Centum VP interface simulation speed not set after first load

HCPP-25130: CS3000/Centum VP interface causing disturbance when loading snapshot using MAX_MARSHALLING_RATE

HCPP-23960: Generic framework adapter not holding the saved values after loading snapshot again

HCPP-24552: Saved Event Monitor and KPV reports get removed when exiting USO session

HCPP-21575: Triconex: FIRST_OUT's output variable "Firstout" has the wrong type

HCPP-24411: Enhancement for OPC DCOM hardening

HCPP-21913: PAR 1-DPDFCRB UCS R461 Patch 3 throws OPC server failing error message while loading a snapshot

HCPP-23807: Loading snapshot of 2 USD models fails on the remote machine

HCPP-24487: CS3000/Centum VP interface causing alarm flood when loading overlays and using MAX_MARSHALLING_RATE

Article submitted by – Anne Colençon, HCI Technical Support – Workforce Competency.

UniSim® Design Suite

This article describes how to use PFD Hot Keys in UniSim Design. Hot Keys allow the user to change the stream label on the PFD so that, instead of displaying the stream name, stream variables values are displayed.

PFD Hot Keys

To use PFD Hot Keys, open any simulation case and open the PFD. Then, on your keyboard, press the Hot Key combination to change the stream label to the desired variable.

For example, Shift T is the Hot Key to display the stream temperature. Pressing Shift T on your keyboard replaces the stream labels by the stream temperature values, as shown:
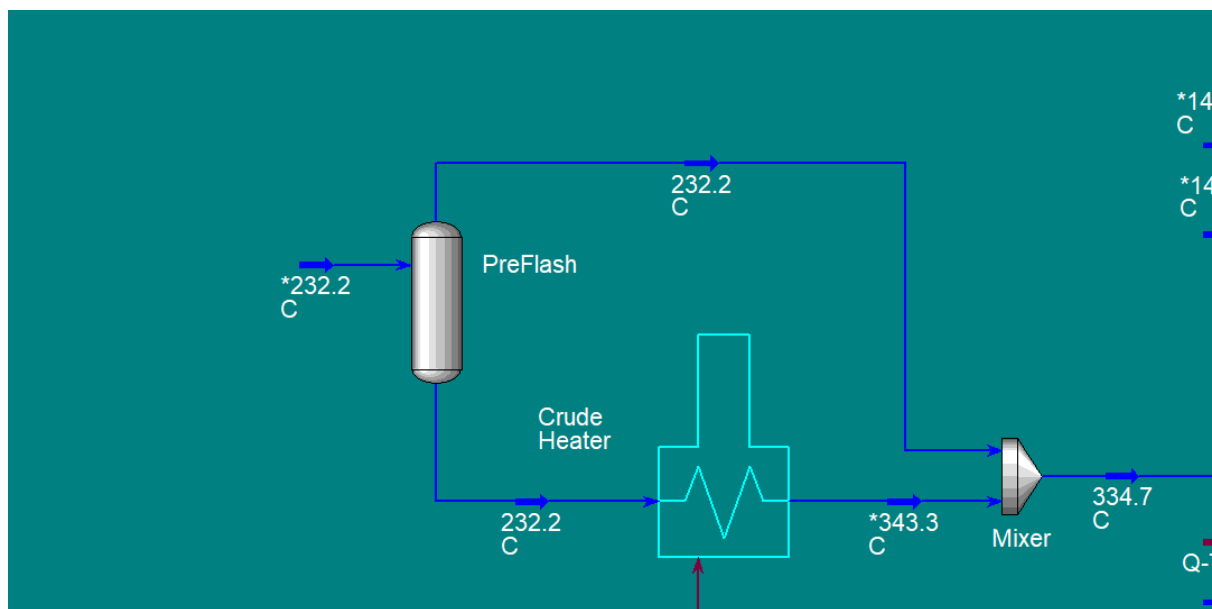
Note if the temperatures are user-specified in the stream (i.e. they blue values when the stream is opened), they are shown with asterisks on the label.

Shift N is the Hot Key for steam names, so pressing Shift N on the keyboard returns the PFD display to the stream names:
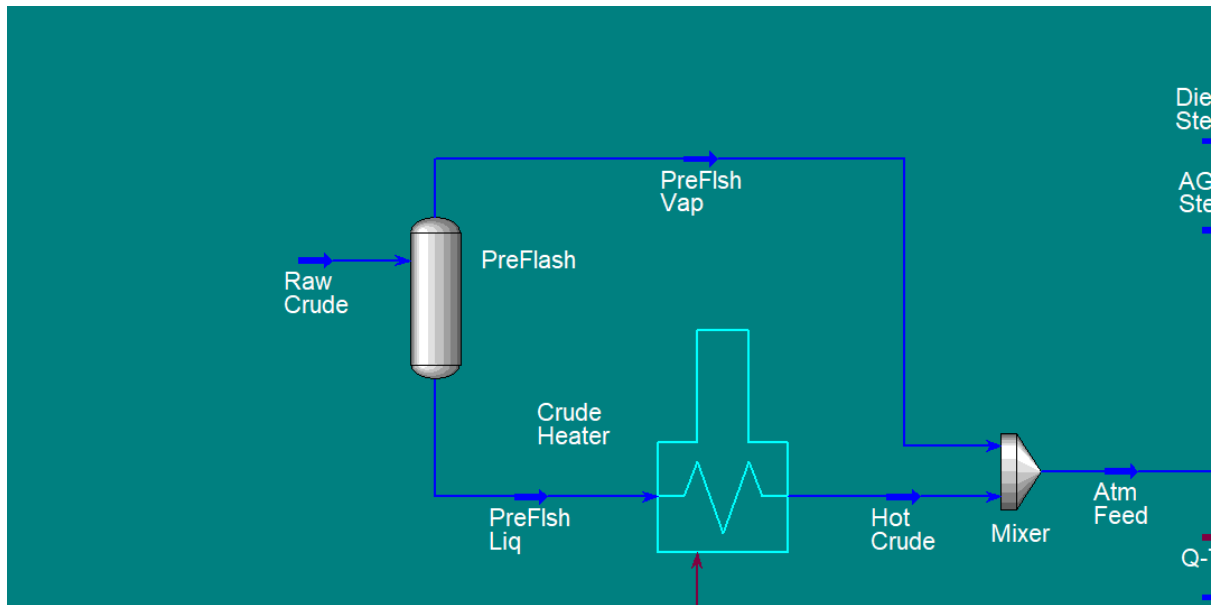
The most common hot key combinations are given below

Hot Key	Display stream …
Shift T	Temperature
Shift P	Pressure
Shift M	Mass Flow
Shift F	Molar Flow
Shift N	Name

A full list can be found by from the **Help** menu in UniSim Design, by selecting **Hot-Key List** and then selecting **PFD** in the menu column on the left:

Hot-Key List ✕

Menu

File

Simulation

Flowsheet

Tools

Column

View

Editing

PFD

Function	Hot-Key
Zoom out	Page Down
Zoom in	Page Up
Zoom All	Home
Toggle between last zoom levels	Z
Pan	Arrow or Shift Arrow keys
Centre PFD on cursor	Period key or C
Mirror about X axis	X
Mirror about Y axis	Y
Rotate 90	1
Rotate 180	2
Rotate 270	3
To default orientation	N
Display Stream names	Shift N
Display Stream descriptions	Shift R
Display Stream temperatures	Shift T
Display Stream pressures	Shift P
Display Stream molar flowrates	Shift F
Display Stream mass flowrates	Shift M
Display Stream user specified compo:	Shift C
Display Stream choice #1 (dbl click)	Shift 7
Display Stream choice #2 (dbl click)	Shift 8
Display Stream choice #3 (dbl click)	Shift 9
Display Stream choice #4 (dbl click)	Shift 0
Display Outlet nozzle elevation	Shift O
Display Inlet nozzle elevation	Shift I
Display Downstream Nozzle Inlet Pres	Shift D
Display Static Head Delta Pressure	Shift H
Display Calc Levels (Streams/Ops/Bot	Shift L
Change Calc Level for selected object	Shift K
Display Calc Order (Count, Cumulativ	Shift J
Select Next Object	S
Select Previous Object	Shift S
Select Multiple Objects	Shift Left-Mouse-Click
Deselect Object	A
Select Object Label	L
Open Selected Object	V or E
Rename Selected Object	F2
Delete Selected Object	Delete
Quick Attach Mode	Ctrl
Quick Break Connection Mode	B
Toggle Drag Mode	D
Swap Connections Mode	F

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Customizable PFD Hot Keys

In addition to the pre-defined Hot Keys, UniSim Design includes four customizable Hot Keys, to which users can assign a stream variable of their choice.

The four customizable Hot Keys are Shift 7, Shift 8, Shift9 and Shift 0 and they are edited as follows:

1. From the **Help** menu in UniSim Design, select **Hot-Key List**
2. Select **PFD** in the menu column on the left
3. Double-click on one of the four Hot Keys you want to modify (Shift 7, Shift 8, Shift9 or Shift 0), choose the variable you want to assign to that Hot Key (for example, mass density) and press **OK:**
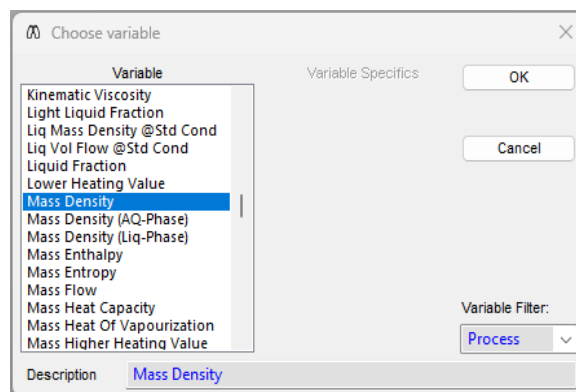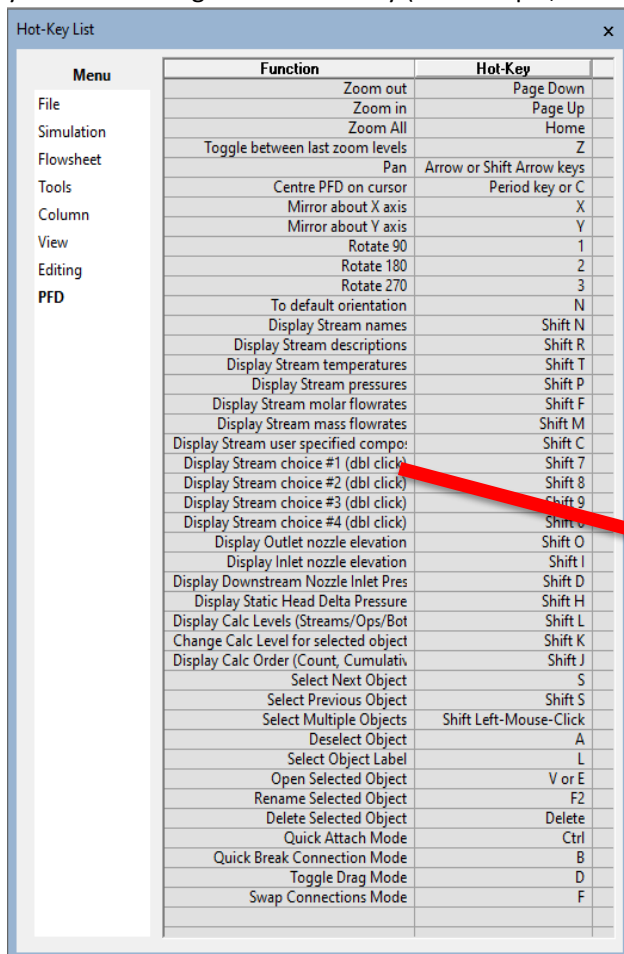
4. A confirmation window will confirm the assginment:
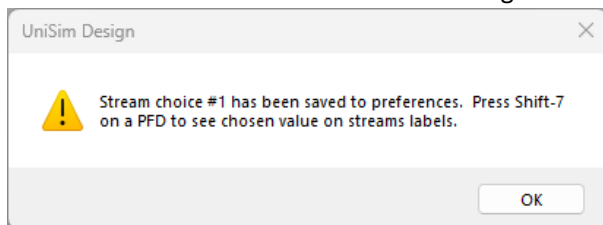
Now, with the PFD open, when Shift 7 is pressed on the keyboard, the stream label shows the selected variable (mass density in this example):
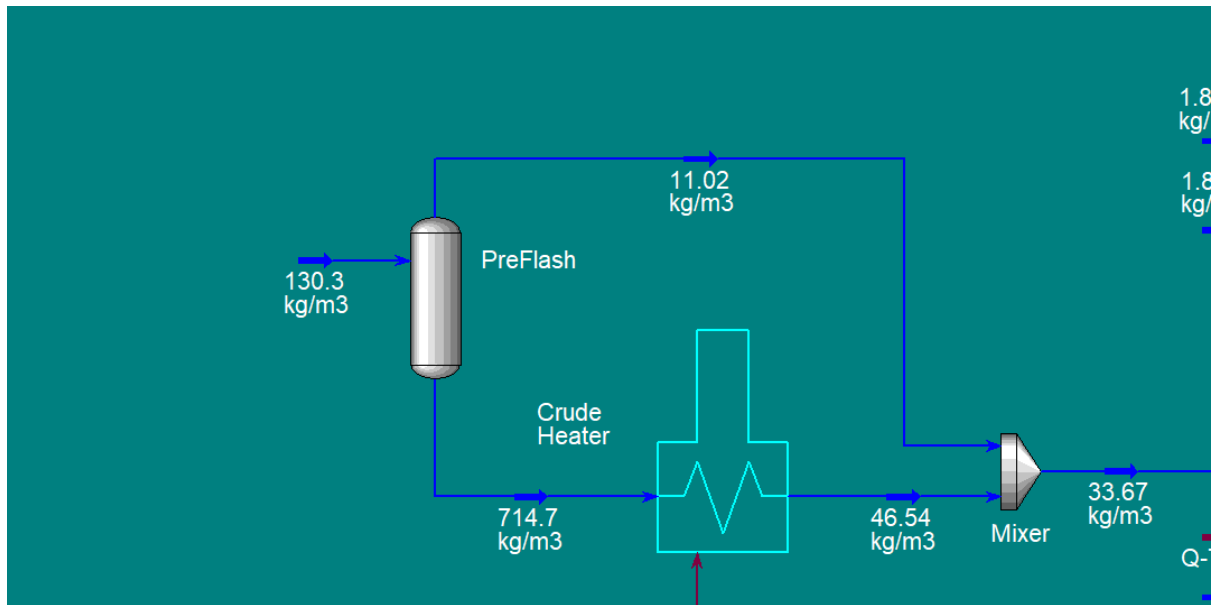
A short video demonstrating PFD Hot Keys is available on the Honeywell knowledgebase:

- 191722 – UniSim Design - How do I - assign a hot key to a new stream variable to show on the PFD?

To access this video, please visit process.honeywell.com , login and search for article number 191722.

For help with Login / Registration, please visit process.honeywell.com , search for the article number 134664.

Newsletter Articles

We aim to provide articles of interest to the UniSim Design user community. If you have any feedback or have suggestions for topics to cover here please feel free to Contact Us.

Article submitted by – Jame Barber, UniSim Design Support Team Lead.

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Honeywell Forge Alarm Management

Honeywell Alarm Management | Alarm Performance Optimizer R2.0.0 (standard On-Prem installable offering)

We are pleased to announce that the **Honeywell Alarm Management | Alarm Performance Optimizer R2.0.0** has been released in Aug 2024. It is the first ever release that will be independent of HAM|Documentation (or Alarm Configuration Manager). This APO release empowers customers with some of the essential outcomes listed below to improve the overall Alarm system performance.
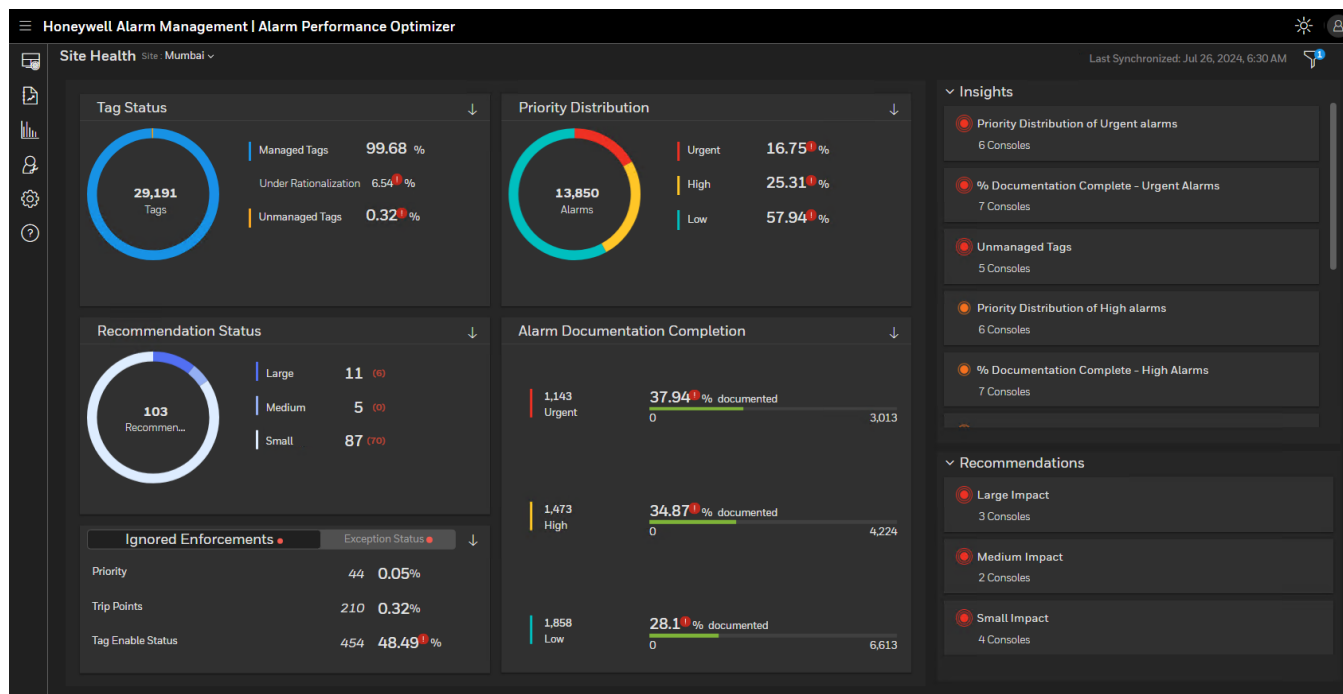
- ➤ Centralization:
  - o Tag Management through business layer independent of ACM (Tag addition / modification - Offline, Online, From File)
- ➤ Improved Compliance:
  - o MOC: Robust Change Management extensible & supports multiple hierarchy
  - o Auditing: Approved & Unapproved Audit Reports and Enforcement / Exception Reports
- ➤ Faster Rationalization:
  - o Alarm & Tag Templates,
  - o Tag Copy
  - o Preferred layout support
  - o Variable grouping
  - o Alarm Categorization
  - o Additional documentation fields
- ➤ Enhanced operator assistance:
  - o Alarm Help User Interface – Simplified 3rd party DCS integration
- ➤ Improved usability:
  - o Theme selection - Dark theme & Light theme

Note:

APO R3.0.0, scheduled for Q2 2025 and will allow existing Honeywell Alarm management customers (ACM) a migration path for existing ACM and APO customers to the APO R2.0.0 capabilities.

Alarm Management Product Support Update
- **DynAMo Metrics & Reporting R202.x** support status changed to **Phased Out** in March 2024
- **DynAMo Metrics & Reporting R210.x** support status changes to **Phased Out** in May 2025
- **Process Safety Analyzer R20x** support status changes to **Phased Out** in January 2025
- **Alarm Configuration Manager R321** support status changes to **Phased Out** in December 2025

REMINDER! Experion upgrade to R520/530 causes DynAMo M&R Collector Data Corruption
If the Experion DCS is upgraded to R520+ from an earlier version, it may lead to data corruption problems with DynAMo Metrics & Reporting or HFAM Reporting installations. This migration can introduce extra (and invalid) Tagnames, potentially affecting the licensed tag-count limit for M&R. Additionally, it may result in the creation of extra Assets, which could negatively impact report performance.

For more details refer to knowledge article KSM2022-DYN003x.

Also refer to Knowledge Article 000189115 – 'EAS ODBC R530 Client Hotfix Matrix' which lists the ODBC version required against the Windows Operating System installed on the collector, and the minimum version of Experion required to communicate with the ODBC driver.

If you have any doubt please contact the Honeywell Alarm Management Technical Support (GTAC) team if you are planning to migrate to Experion R520+, they will review your system and inform you of what steps are needed to avoid system downtime.

Upgrading Experion to R520/530 prevents DynAMo D&E/ACM Clients from connecting to the application server
Experion 520+ recommends encryption types **AES256_HMAC_SHA1, AES128_HMAC_SHA1**, and **future encryption types** as default for Kerberos authentication to ensure secure communication and data integrity. Below is an extract from Experion documents:

Category	Policy	Value
Group policy	Network security: Configure encryption types allowed for Kerberos	AES128_HMAC_SHA1, AES256_HMAC_SHA1, Future encryption types

When these policy settings are implemented on the Experion server, the related client-server applications, like ACM, must be updated as well. Specifically, all client and server machines, along with service users, must be compatible with the new encryption types. If this compatibility is not achieved, it could lead to authentication problems during DCOM communication between the application client and server.

A knowledge article how to address this problem will be published soon. **If you are facing problems with ACM clients not connecting to the ACM application server then please contact the Honeywell Alarm Management Technical Support (GTAC) team.**

HAM Document & Enforcement (ACM) unable to handle CHANGE OF STATE Alarm Type

(Extract from Knowledge Article 000191130, first published 21-Nov-24)

If a FLAG block is configured in Experion and added to ACM as "Tagname.FLAGA" only OFFNORMAL Alarm Type is showing up.

Cause
Functionality not available in current release (321.12.7) of ACM.
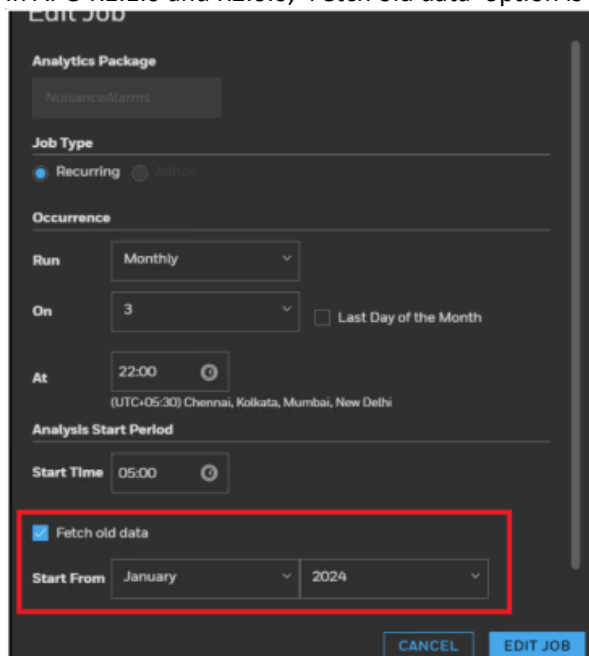
Resolution
To be resolved in ACM 321.12.8 (ref RQUP-04863755).

APO Fetch Old Data Not Available

(Extract from Knowledge Article 000191036, first published 18-Nov-24)

In APO R1.1.0 and R2.0.0, 'Fetch old data' option is not displayed when user tries to modify the schedule analysis.

Cause
The option to 'Fetch old data' needs to be configured manually.

Resolution
Follow the instructions below to enable the 'Fetch old data' option:
1. Edit file 'appconfiguration.json' which can be found under Path: <Install Location>\Honeywell\HFAM\APO\DnE\UX\Client\ManageApp
2. Find statement ending with SchedulerSvc and add , "showBackfill":"true" and save file
3. Clear browser cache
4. Close browser
5. Open the new browser
6. Open the APO Scheduler page in the browser and test again.

Documentation PAR# RDYNAMO-12966 has been raised.

Procedure to increase timeout setting for HFAM Reporting R2.2.1

(Extract from Knowledge Article 000189660, first published 22-Aug-24)

Sometimes certain reports like the 'Event Investigator' will fail to open when larger time ranges like 'all of last month/last 3 months/last quarter' is selected. It fails showing a blank page when larger time periods are selected, however the Honeywell DynAMo Analyzer and Intuition logs record the below errors indicating a timeout as the cause.

Analyzer Log:
"2024-07-26 09:38:43,214 | [191] | ERROR | DefaultLogger - | Main | | Exception: Execution Timeout Expired. The timeout period elapsed prior to completion of the operation, or the server is not responding. Source: .Net SqlClient Data Provider Trace: at System.Data.SqlClient.SqlConnection.OnError(SqlException exception, Boolean breakConnection, Action`1 wrapCloseInAction) at System.Data.SqlClient.TdsParser.ThrowExceptionAndWarning(TdsParserStateObject stateObj, Boolean callerHasConnectionLock, Boolean asyncClose) at System.Data.SqlClient.TdsParser.TryRun(RunBehavior, SqlCommand cmdHandler, SqlDataReader dataStream, BulkCopySimpleResultSet bulkCopyHandler, TdsParserStateObject stateObj, Boolean& dataReady)"

Intuition Log:

"MetricsManager.GetSequenceOfEventsDbData failed with error'System.ApplicationException: MetricsRepository.GetSequenceOfEvents failed with error::Internal Server Error.' ---> System.ServiceModel.FaultException`1[Honeywell.AMS.DataAccess.AnalyzerService.AnalyzeFault]: Internal Server Error. Server stack trace: at System.ServiceModel.Channels.ServiceChannel.HandleReply(ProxyOperationRuntime operation| ProxyRpc& rpc) at System.ServiceModel.Channels.ServiceChannel.Call(String action| Boolean oneway| ProxyOperationRuntime operation| Object[] ins| Object[] outs| TimeSpan timeout) at System.ServiceModel.Channels.ServiceChannelProxy.InvokeService(IMethodCallMessage methodCall| ProxyOperationRuntime operation) at System.ServiceModel.Channels.ServiceChannelProxy.Invoke(IMessage message)"

Resolution

Follow the below procedure for increasing the reporting time out: Steps to increase Analyzer service timeout
1. Stop 'Honeywell DynAMo Analyzer' windows service.
2. Open 'DynAMoAnalyzer.exe' config file present in '\Honeywell\DynAMo\Memory Analyzer' folder.
3. Find key '' in the '' section and change 'value' to '1200'.
4. Save the changes.
5. Start the 'Honeywell DynAMo Analyzer' windows service. 6. Reload the DynAMo UI.

Please note that "SQLCommandTimeoutInSec" parameter value must not exceed the SQL server setting for 'Remote query timeout' which is defaulted to 600 seconds on Server Properties>Connections>Remote query timeout (in seconds, 0 = no timeout) as shown in the screenshot below.

Change the 'Remote query timeout' setting to at least 1200 using SSMS by right clicking on the SQL Server name and selecting 'Properties' from the 'Object Explorer', then select the Connections page and press OK when finished:
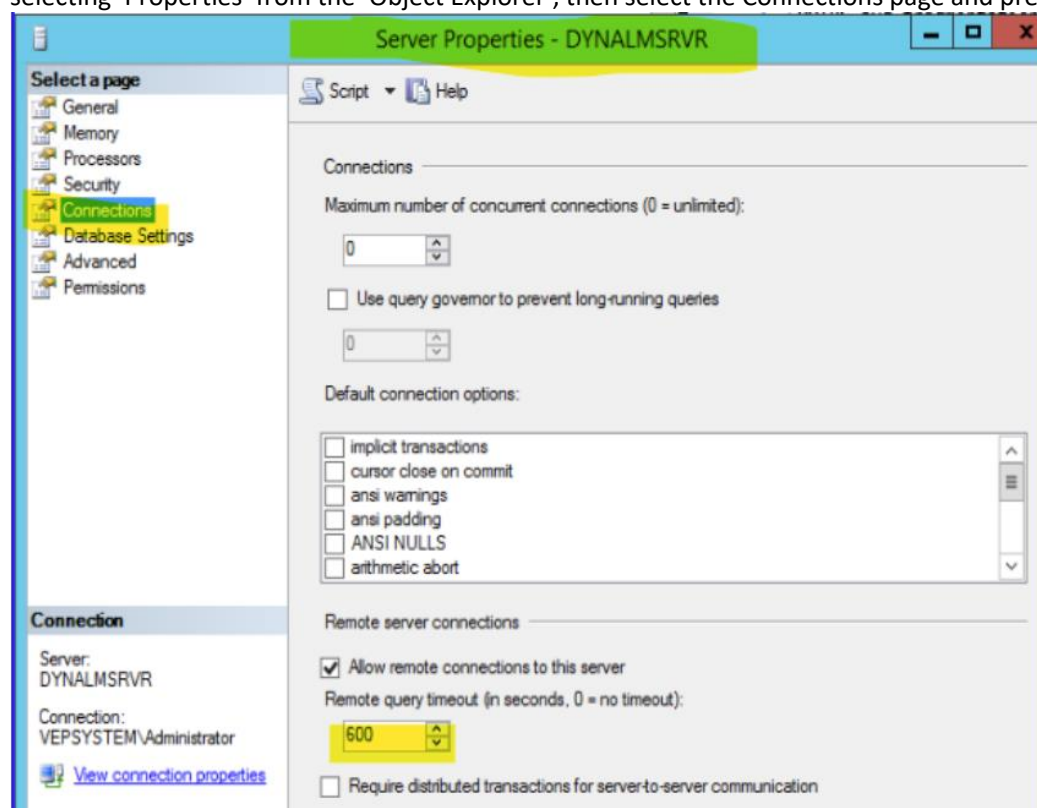
Knowledge Article Quarter: Summary of Articles – 2024

Below is a list of knowledge articles published to **Process.Honeywell.com** for the following supported products:

- DynAMo Metrics & Reporting R202.1 – R210.1
- Honeywell Forge Alarm Management | Reporting R2.2.0 – R2.2.1
- Honeywell Forge Alarm Management | Documentation / DynAMo Documentation & Enforcement (ACM R321.12)
- Honeywell Forge Alarm Management | Alarm Performance Optimizer R1.0.0 – R2.0.0
- Honeywell Forge Alarm Management | Process Safety Analyzer R201.x – R2.1.0

Article Number	Products	Title	Summary
000183663	Alarm Configuration Manager R321	ACM Web 'DCS Alarm Enable History' view is not working when SQL Server Native Client 11.0 is used as OLE DB provider in ACM Database Connection Utility	In ACM Web Variable Explorer page, the DCS Alarm Enable History view is giving an error "Please refresh the page. If the problem persists, contact your system Administrator". This happens when SQL Server Native Client 11.0 is used as OLE DB provider in A
000177189	Alarm Configuration Manager R321	How do I import all tags from Experion to a file without actually Syncing ACM Database?	ACM R321.12 how do I review the tags to be added before tag sync updates the information?
000177221	Alarm Configuration Manager R321	eHPM AI or DI have no alarm parameters when added to ACM	Importing eHPM Analogue Input and Digital Input points into ACM R321.12 HotFix 4 or 5 results in no alarm parameters present and the incorrect point type for Digital Input points
000177676	Alarm Configuration Manager R321	ACM Rationalization tool not working	ACM release 321.12.5 Rationalization tool release 321.12 Patch1 "Download" works fine. "Verify" gives an error.
000180960	Alarm Configuration Manager R321	ACM not refreshing virtual boundary value from L3 Limit Repository (LR)	ACM manager client showing no value for virtual boundary O_L_HI after refresh from LR even though the tag was in released state. L3 LR O_L the virtual boundary value is updated with correct value from L4-LR sync process but not getting updated in AC
000183584	Alarm Configuration Manager R321	UNCEVT TPS Param not seen in Alarm Help	UNCEVT (Uncommanded Event) not available in ACM interface, not able to be seen in Experion Alarm Help for Operator instruction and guidance
000183601	Alarm Configuration Manager R321	Interlock Block Addition Issues	The following errors have been seen when interacting with interlock blocks. Tag synchronization fails for a selection of interlock points with the following errors "UNSUPPORTED POINT TYPE" and "THE DELETE STATEMENT CONFLICTED", "STRING OR BINARY DATA WOUL
000186549	Alarm Configuration Manager R321	How can I change the alarm tag name in ACM using a tag name list?	Provide a method to easily change ACM alarm tag name from a CSV file list for any tag on any console
000186663	Alarm Configuration Manager R321	Unable to Apply Patch to ACM R321.12	• Trying to apply Hotfix 7 to ACM R321.12 system • Getting errors in PowerShell window "The Process cannot access the file 'C:\Program Files (x86)\Honeywell\OPS\ACM\ACM_CSP.dll because it is being used by another process." "The Process cannot access th
000186664	Alarm Configuration Manager R321	Unable to Add HIWAY tags to ACM 321.12.7+	When trying to add HIWAY tags to ACM get the following error: "Tag <TagName> not added. Subscript out of range"
000186745	Alarm Configuration Manager R321	Error while performing ACM MOC process	In ACM a Variable with tag type 'Transmitter' is not moving from In-progress to Proposed state
000187239	Alarm Configuration Manager R321	DynAMo D&E (ACM) lost connection to BMA system after BMA upgraded to version R520.1	Test connection fails when tested the connection string to the BMA's AmmDB using ACM Database Connection Utility, error message popped up: "Test connection failed because open error in initializing provider. [DBNETLIB][ConnectionOpen (SECDoClientHandshake
000187304	Alarm Configuration Manager R321	Failed to create user group when adding ACM Console	Failed to create user groups XX_XX_MGR and XX_XX_OPR automatically when adding new console in ACM Administrator client.
000187405	Alarm Configuration Manager R321	ACM Root Assets red in Admin Client	ACM Console Root Assets error "Error adding console ConsoleTest. Insufficient privileges to access Experion server database"
000187438	Alarm Configuration Manager R321	ACM Manager and Administrator Client Fail to Load	The following error appears when launching either the ACM Manager or Administrator client: "Component 'Vsflex7N.ocx' or one its dependencies not correctly registered: a file is missing or invalid"
000188978	Alarm Configuration Manager R321	ACM Asset Configuration Tool does not work when the OLE DB provider is configured as SQL Server Native Client 11	Summary : When configuring connection string for ACM Manager Service using the ACM Database Connection Utility, if SQL Server Native Client 11 is used as an OLE DB provider, then the ACM Asset configuration tool gives the error upon launch "The server was

Article Number	Products	Title	Summary
000189063	Alarm Configuration Manager R321	ACM R321.12.7 integration with SQL Server 2022	This document contains a workaround for ACM R321.12 HF7 failing to connect to SQL Server 2022.
000189198	Alarm Configuration Manager R321	ACM R321.12.7 integration with EAS R530	Additional software required to ACM with Experion R530
000189271	Alarm Configuration Manager R321	The ACM console asset tree is not in sync with EAS EMB after upgrade to EAS R501.6	ACM console asset tree is not getting synched with EM after EAS upgrade from R501.1 to R501.6. The Re-synch with EM option is greyed out. The Asset Tree has the error "The console's root asset is invalid" in ACM Administrator client and Manager client.
000190043	Alarm Configuration Manager R321	Mismatch in Alarm priority color code between ACM Manager Client and ACM Web	There is a mismatch in alarm priority color codes between ACM Manager client and ACM web for Variable Entities (Tags) present in ACM manager client. This is specifically noticed for Custom/Generic DCS personality module control systems created in ACM Admi
000190253	Alarm Configuration Manager R321	ACM Enforcer client gives "Failed to authorize access to console" error	Summary : ACM Enforcer client throws error "failed to authorise access to console", after selecting the console in L4 ACM Manager Server. This is in an ACM across firewall setup. The ACM Manager Client and ACM Administrator Client in L4 are working as int
000190273	Alarm Configuration Manager R321	ACM Support for Historian	Does ACM\Dynamo D&E support Historian Tags?
000190975	Alarm Configuration Manager R321	Unable to recreate child assets if assets are deleted at parent level in ACM Asset Configuration Tool	ACM R321.11 cumulative update introduces the new ACM Asset Configuration Tool where we can use this tool to configure enterprise asset model instead of Experion Model Builder (EMB). During Asset Hierarchy configuration, the Root Asset (Parent asset) was d
000191003	Alarm Configuration Manager R321	Failed to Verify the 'Private Key' of a Certificate from Enforcer (L3) or Manager (L4) end of ACM Server	ACM cross-firewall communication is failing despite proper X509 CA certificate configuration. While the security certificates were successfully installed with no errors, ACM clients at L4 are unable to establish server communication
000191177	Alarm Configuration Manager R321	'Error getting tag Info' exception is displayed by ACM manager client for Gen-DCS based tags after ACM 321.12 HF7 patch application	After installation of ACM 321.12 HF7 update, issues have been observed when trying to add tags to the Generic alarm system. The system shows the following error message "ACM Add Variable Entity: Error getting tag info The given point type is not supporte
000191183	Alarm Configuration Manager R321	"Script out of range" exception generated while adding Experion IEC-870 tags to ACM.	Adding Experion IEC-870 tags to ACM, produces "Script out of range" error, resulting in the tag not getting imported. However, some IEC-870 tags do get added but all their respective alarm parameters are not read correctly. the process of adding IEC-870 t
000176832	Alarm Configuration Manager R321 DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Honeywell Alarm Management – Alarm Performance Optimizer R2.0.0 Honeywell Alarm Management – Reporting R2.2.1 Honeywell Process Safety Analyzer R2.1.	What are the current Honeywell Alarm Management (DynAMo) Product Releases?	What are the current Honeywell Alarm Management (previously known as 'DynAMo') product releases and where do I get more information on how to update them?
000176447	Alarm Performance Optimizer R1	What is the procedure to get APO R1.0.0 to work with multiple domains by installing hot fix 1?	APO allows only domain users from the same domain as the service account's domain, however, needs to work with multiple domains and respond a lot quicker to the dashboard call up
000177679	Alarm Performance Optimizer R1	APO Config Utility reports "Object reference not set to an instance of an object"	Honeywell Forge Alarm Management Alarm Performance Optimizer R1.0.0 error when trying to configure a console after applying APO R1.0.0 hot fix 1.0 for multiple domain users
000188225	Alarm Performance Optimizer R1	Procedure for deleting mapped ACM consoles in APO (Alarm Performance Optimizer)1.0.0	After mapping of consoles to APO plants in APO configuration Utility, user deletes few consoles in ACM server as part of configuration change. However, as per design one cannot delete the mapped consoles once it is assigned to an APO plant either in ACM
000186422	Alarm Performance Optimizer R1.1.0	APO: Transfer Service can't connect to APO Router – HTTP 500 (Internal Server Error)	In certain cases, APO Transfer Service will exhibit the following issues: • Attempting to connect to the APO Router from the Transfer Service "Alarm Performance Optimizer - Configuration Utility" fails. The error shown states: "Not able to connect to AP
000186448	Alarm Performance Optimizer R1.1.0	APO: Transfer Service and/or APO Router can't communicate using any client certificates – HTTP 403 (Forbidden)	Attempting to connect to an APO Core OR APO Router Server from the Transfer Service 'Alarm Performance Optimizer - Configuration Utility' fails. The error shown states: "Not able to connect to APO Core server, Please Check the Logs for More Info". Att
000186525	Alarm Performance Optimizer R1.1.0	APO: Unable to Schedule Analysis job – Analytics Package dropdown is empty / blank	Attempting to schedule a job using the APO 'Schedule Analysis' UI fails, as the 'Analytics Package' dropdown in the 'Create Job' dialog is empty / blank.
000186552	Alarm Performance Optimizer R1.1.0	Nuisance Alarm Settings Link Disabled after Licensing APO	Nuisance Alarms Settings link missed from APO web so cannot configure APO

Article Number	Products	Title	Summary
000186683	Alarm Performance Optimizer R1.1.0	APO: Running an Analysis Job shows Last Run Status of "Data Fetching failed" – APO service account doesn't have permission to access HFAM-Reporting data	Attempting to run a job using the APO 'Schedule Analysis' UI fails, results in a 'Last Run Status' of "Data Fetching failed". This issue has occurred due to the APO service account not having appropriate access to HFAM-Reporting/M&R.
000186748	Alarm Performance Optimizer R1.1.0	APO: Analysis Jobs or 'Schedule Analysis' UI elements fail to run correctly – RabbitMQ not configured correctly	Attempting to schedule a job using the APO 'Schedule Analysis' UI fails, as the 'Analytics Package' dropdown in the 'Create Job' dialog is empty / blank. Analysis jobs don't appear to run and/or generate Recommendations. Some symptoms include jobs com
000186755	Alarm Performance Optimizer R1.1.0	User's not able to access the Alarm Performance Optimizer website	Summary : Only some type of accounts (admin accounts) can access APO. Error is logged in Intuition Log
000189964	Alarm Performance Optimizer R2.0.0	APO 2.0 License Activation Utility error	APO 2.0 License Activation Utility fails following successful installation
000191350	Alarm Performance Optimizer R2.0.0	Router config utility not opening in three box setups	Enterprise - Site APO communication error "You must install .NET Desktop Runtime to run this application" produced.
000183646	DynAMo Metrics & Reporting 202.x, 210.x HFAM|2.2.0	DynAMo M&R/HFAM Collector Stops Collecting Events	DynAMo Collector channel is showing enabled, and status is showing green. Test connection also succeeds however no events are being collected. Following error is found in the collector audit file: "Disk space low – suspending event collection"
000179345	DynAMo Metrics & Reporting R200 DynAMo Metrics & Reporting R200.1 DynAMo Metrics & Reporting R200.2 DynAMo Metrics & Reporting R201.1 DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1	How to create a custom template in Dynamo M&R	- How to create a custom template and report in Dynamo M&R that combines several KPI's - Create compound reports
000178563	DynAMo Metrics & Reporting R200 DynAMo Metrics & Reporting R200.1 DynAMo Metrics & Reporting R200.2 DynAMo Metrics & Reporting R201.1 DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Honeywell Forge Alarm Management – Reporti	Experion upgrade to R520\R530 causes DynAMo collector data corruption	After an Experion upgrade to R520\R530 the DynAMo M&R system using ODBC collector R50x.x caused data corruption of either the tag name or the from and to values according to what version of the driver was installed on the R2xx or HFAM|Reporting collecto
000188458	DynAMo Metrics & Reporting R200 DynAMo Metrics & Reporting R200.1 DynAMo Metrics & Reporting R200.2 DynAMo Metrics & Reporting R201.1 DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Honeywell Forge Alarm Management – Reporti	Changing runtime (service) user account using PowerShell script stops UI and licensing from working correctly	After running the Master-Replace-UserAccount.ps1 script as described in the System Admin Guide – 'Changing the runtime user account', opening the web UI shows the licensing related error "System has stopped working as the maximum tag count license of 0 ha
000187119	DynAMo Metrics & Reporting R200.2 DynAMo Metrics & Reporting R201.1 DynAMo Metrics & Reporting R202.1	Intuition Security Manager - GetRoles Exception Object reference not set to an instance of an object	Dynamo reports will open, but only users in the 'Application Administrators' group can access the reports. Also, the Intuition security configuration show error "Unexpected system error occurred". The Log Viewer will include this related error: "GetRo
000186682	DynAMo Metrics & Reporting R201.1 DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1	MnR not collecting data	• Dynamo M&R Collector not collecting data • Stopped suddenly • "Unable to Save channel configuration. Error WhileOpening Connection." • Test connection fails • Cannot connect to Experion system
000188477	DynAMo Metrics & Reporting R201.1 DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1	Collector Gets Short Events from Siemens OPC	Summary : Lots of unrecognized messages coming into Archiver
000183489	DynAMo Metrics & Reporting R201.1 DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	How to Reseed the DynEvent table	The DynEventQueue fills up and no events can be processed into the DynEvent table. The Archiver Interface log reports the following error "Arithmetic overflow error converting IDENTITY to data type int". The article provides a method of reseeding the DynE
000188538	DynAMo Metrics & Reporting R201.1 DynAMo Metrics & Reporting R202.1 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	How do you revert channel data to a specific date and back-fill using Experion Archives?	Method to revert data for a channel to a specific date and replace with contiguous data from Experion Archives using an ODBC channel
000186579	DynAMo Metrics & Reporting R202.1	Error while viewing the D&E Enforcement details Report in MnR	D&E Enforcement Details Report in M&R is not able to be Exported in both PDF and Excel. The following error is created when accessing the report from dates 13th to the 31st. "Error: An

Article Number	Products	Title	Summary
			unknown server error occurred. Please contact your System Administrato
000186584	DynAMo Metrics & Reporting R202.1	Not able to view Dynamo home page.	It was working previously without any changes done on server side.
000187806	DynAMo Metrics & Reporting R202.1	Dynamo Event store, site, plant, and OP tabs are not loading.	Dynamo Event store, site, plant, and OP tabs are not loading. The MES homepage is launching successfully.
000191339	DynAMo Metrics & Reporting R202.1	DynAMo scheduled email reports are not being sent out.	The DynAMo Scheduled report is currently non-functional. This issue arose unexpectedly, as the report was previously operating without any complications. The following error message was displayed when attempting to start PDFQueue service, "Windows cound
000180710	DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1	Specific User cannot view Event Investigator Report	All/most users can view Event investigator report in M&R When specific user tries, gets error "The custom error module does not recognize this error"
000185908	DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1	MnR Collection stops after DeltaV Upgrade	Following DeltaV DCS Upgrade to Version 15LTS, Dynamo MnR Collector not connecting to DeltaV anymore. ODBC Configuration (odbcad32.exe) throws error when trying to connect to DeltaV system. "Connection failed: SQLState:'01000' SQL Server Error:772 [Micr
000187254	DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1	DynAMo M&R failing to allocate the descriptor of the tag	Tag description is not showing for a process tag in the report in-spite of it present as part of the event message when collected and processed into DynArchive database from DCS Event source.
000186662	DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	MnR email Distribution List cannot handle multiple email addresses	Dynamo M&R R220 emailed reports fail to send if too many email recipients
000181735	DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Alarm Configuration Manager R321	Windows Server COMM issue	System cannot communicate with DNS or other network computers
000177506	DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	How do you bring back active alarms that have mistakenly been manually closed using M&R Alarm Reports?	For DynAMo R202.1 and R210.1 the is no method of bringing back a manually closed alarm from a M&R report that should not have been closed. This article covers a method to bring back alarms that are still active using the Active Alarm Sync channels.
000186548	DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	What is the 'To value' indicating in the HAM report when the Parameter is 'DISPLAY CALL UP'?	Event Investigator Question - System Events Parameter Display Call Up - to value
000187607	DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	How do you delete all tags associated with an Asset and then delete the Asset if no tags are associated with the Asset and sub-Assets?	Provide SQL queries and a procedure to list all Assets and then select the ones for deletion including all the tags associated with the Assets and their subsequent sub-Assets. And then run an SQL query to delete all the Assets without tags assigned to th
000190090	DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	Journal Priority Alarms showing up in Suppression Report	Procedure to check whether priority suppression is instigated on a site and if not required, how to remove priority suppression from alarms in journal priority
000188183	DynAMo Metrics & Reporting R202.1 Dynamo Operations Instructions R210 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	PBM/OMA Tags Stop Update Statistics	PBM/OMA tag variable point descriptors cause error message "ERROR Honeywell.DynAMo.Log.Logger - Exception: The socket connection was aborted. This could be caused by an error processing your message, or a timeout being exceeded by the remote host, or an un
000181943	DynAMo Metrics & Reporting R202.1 HF7	Dynamo Not Connecting to Yokogawa OPC Server After DCOM Hardening	After recent Win security updates connection issues with Yokogawa OPC server and Dynamo Collector. "Failure Reason: Unknown username or Bad password. Status: 0xC000006D Sub Status: 0xC0000064"
000177670	DynAMo Metrics & Reporting R210.1	When trying to open HM Collector application it gives 'Access denied' error	HM Collector not opening. When trying to open HM Collector application it gives 'Access denied. Contact system administrator' error.

Article Number	Products	Title	Summary
000178895	DynAMo Metrics & Reporting R210.1	Configuring https communication between DynAMo M&R core server and cross-domain server	Require a detailed procedure on configuring https-based communication between DynAMo core server and cross - domain/proxy server. &R core server and cross-domain server is not working
000188982	DynAMo Metrics & Reporting R210.1	Alarm Un-Suppression by Asset	Current Status for these active Alarms is Suppressed, but some of these are not present on the Tag-Suppression report. (not Suppressed).
000189656	DynAMo Metrics & Reporting R210.1	Not able to enable the HAM Collector Channel	Collector ODBC channel is not able to enable and giving error: "Unable to save channel configuration. Failed to execute query" and in the collector UI log "[Honeywell][ODBC Driver][ISAM] Can't access SQL server event database". The Experon emsevents datab
000189944	DynAMo Metrics & Reporting R210.1	Not able to open Dynamo home page after restoring customer Dynamo and MES Databases	Not able to open Dynamo home page after restoring customer Dynamo and MES Databases. Below errors are observed in MES log viewer logs. "TimeColumn,UserColumn,LevelColumn,ClientIPColumn,ServiceColumn,ActionColumn,MessageColumn,ThreadColumn,LoggerColumn,
000188209	DynAMo Metrics & Reporting R210.1 DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Honeywell Forge Alarm Management – Reporting R2.2.1	DynAMo M&R license error - Tag count has been exceeded	Dynamo reporting has stopped working with error message "System has stopped working as the maximum tag count license of 25000 has been exceeded""
000175402	DynAMo Metrics & Reporting R210.1 DynAMo Metrics & Reporting R202.1 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	How do you Condense Batch Tags From M&R Pharmaceutical Accredited Sites to Reduce the Tag Count?	Procedure to change Experion $ACTIVITY_ batch ID to main recipe name PublicName to ensure the M&R tag count does not get exceeded in pharmaceutical based processes. The procedure changes rules files and also can adjust archived information to reduce the
000184577	DynAMo Metrics & Reporting R210.1 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	How can you purge data from the DynAMo analyzer cache files?	Instructions on how to purge data from DynAMo R210 and HFAM|Reporting R2.2.x analyzer configuration files
000187384	DynAMo Metrics & Reporting R210.1 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	L4 DynAMo M&R/HAM Proxy Server Web Site Not Loading	Summary : Dyanmo M&R webpage not loading correctly. Application Error appears when trying to launch the L4 Proxy Server Website. "Application Error Internal Server Error Please contact your System Administrator"
000188981	Experion Application Server (EAS) R432 Experion Application Server (EAS) R500 Experion Application Server (EAS) R501 Experion Application Server (EAS) R511 Experion Application Server (EAS) R520 Honeywell Forge Alarm Management – Reporting R2.2.	Unexpected Notification Message from DynAMo Server Every 30 seconds	On the Experion cluster pair, the below is logged several times. "hscoddcn.exe:drdbsvr .c:357: Authentication of <DynServerName> succeeded"
000189811	Honeywell Forge Alarm Management – Reporting R2.2.0	How to check list of Operator Position with Assets remotely	How to check list of Operator Position remotely, with Assets and full Path.
000190414	Honeywell Forge Alarm Management – Reporting R2.2.0	DynAMo Metrics and Reporting Installation account must not be deleted	Unexpected System error occurred" when opening M&R landing page and "Access is denied" error when opening Archiver configuration UI, after the deletion of DynAMo M&R installation account from dynamo server and from Active directory.
000183637	Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	R2.2.0 Collector Install Fails at Step 2	HFAM|Reporting R2.2.0 Installation fails with the following error message in the log file "'HWInstallSequencerDynAMo Metrics & Reporting.log', "Process has existed. Sts = 1" when executing PowerShell Script 'ConfigFilesBackup.ps1'
000183973	Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	R2.2.0 Tag List Generator Installation issue	The R2.2.0 tag list generator installation produces the following error and stops the installation from completing sucessfully : "UpdateXMLFile_AddChildNode_WithAttribute::WARNING::LOAD: Failed to update the C:\Program Files (x86)\Honeywell\DynAMo\Utilit
000188264	Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	HAM PHD connection cross Domain fails	HAM to PHD connection cross Domain fails; test connection looks good, but no data is retrieved from PHD.
000185928	Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1 DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1	How do you stop collecting system and alarm events from the DCS?	Describe methods to disable archiving for system alarm and events in DynAMo M&R and HAM|Reporting

Article Number	Products	Title	Summary
000188492	Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1 DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1	How do you exclude tags that normally have alarm enable status disabled from appearing in the suppression reports?	Sites that have SCADA or C300 tags that are defaulted to have alarm enable status set to disable via parameters 'alarmdisabled=True' or 'almenbstate=Disable', so that they never can alarm by design do not want the tags to be in the Suppression Reports or
000189115	Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1 DynAMo Metrics & Reporting R210.1	Provide ODBC connectivity matrix for DynAMo and HAM Reporting with Experion	Provide upgrade details for collector ODBC clients connecting to Experion R520 or R530 systems
000190361	Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1 DynAMo Metrics & Reporting R210.1	Unable to load Health Monitoring page in HAM|R.	Unable to open System Health Monitoring page from HAM|R website. In Intuition logs one can see below error message: "HealthMonitoringController::GetSystemHealth threw exception - System.Net.WebException: The remote server returned an error: (500) Inter
000190567	Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1 Honeywell Forge Alarm Management – Reporting R202	DynAMo M&R does not display custom alarm documentation fields from D&E in M&R reports	M&R-D&E connection does not display custom documentation fields in M&R Alarm Properties. It still displays the default label names/fields. For example, the 'Reason for Value' and 'Potential Impact' has been re-labelled in DnE to custom names and the same
000186581	Honeywell Forge Alarm Management – Reporting R2.2.1	Test connection on collector machine is failing when trying to connect with Siemens OPC server.	It works if Matrikon OPC explorer is connected to same OPC (for some time). However, with standard OPC connection error message "Error: Test Connection failed." and CollectorUI log error "Error in WCF Service Call = <TestSourceConnection> b__0:System.Serv
000186857	Honeywell Forge Alarm Management – Reporting R2.2.1	Dynamo landing page appearing blank	Dynamo and ACM landing page appearing blank and icons are not visible after loading URL
000186859	Honeywell Forge Alarm Management – Reporting R2.2.1	Error in activate license request generation	While generating license activation file by using Activation ID in license utility webpage it is showing the following error: "Error in activate license request generation"
000186999	Honeywell Forge Alarm Management – Reporting R2.2.1	Report information not showing up after saving site changes in HAM Reporting R2.2.1	The following reports contained no information or little information: Standing & Stale, Shelved & Suppressed, Operator Activity, Sequence of Events, and Symptomatic Report. The DDMS view did not contain the correct information for the Configurations, Asse
000187007	Honeywell Forge Alarm Management – Reporting R2.2.1	Malware reported on L4 Proxy server for DynAMo Metrics & Reporting	IT department reports that their malware detection system has reported malware on DynAMo proxy server related to that rundll32.exe injected code into another process (apphelp.dll) via hollowing.
000187020	Honeywell Forge Alarm Management – Reporting R2.2.1	DynAMo sending double reports through automatic emails	DynAMo sending double reports through automatic emails. User receiving one email with attachment and another email without attachment.
000187204	Honeywell Forge Alarm Management – Reporting R2.2.1	What does R2.2.1 DDMS feature 'Return Duplicate Open Alarm' do?	Explain what 'Return Duplicate Open Alarm' does and when to use it for regenerate cache error message "Dupicite alarm found for tag at time: mm/dd/yyyy h:mm:ss pm" or archiver interface log file error message "Duplicite alarm found for tag at time: mm/dd
000187259	Honeywell Forge Alarm Management – Reporting R2.2.1	Require explanation about Shelved alarm KPI in M&R's APO report	Summary : Shelved alarm KPI explanation and KPI data not matching
000187471	Honeywell Forge Alarm Management – Reporting R2.2.1	Alarm Activity Report User Fields with not data	Alarm Activity Report not showing the User Field values The User Fields have values captured by the Rules, and these are visible in the Event Investigator Report, but the User field values are not showing the captured values in the Alarm Activity Report.
000187476	Honeywell Forge Alarm Management – Reporting R2.2.1	Inactive Event Stops Queue Processing due to Process Comment	The event queue increases in size and the Archiver Interface log file contains the following errors in order: 1. "Exception: Index was out of range. Must be non-negative and less than the size of the collection." 2. Debug message "Modified processCommen
000187788	Honeywell Forge Alarm Management – Reporting R2.2.1	Service not available error on opening Honeywell License activation utility	Summary : License Activation Utility web page reports "Service not available" error while license is working fine, and all other M&R functions are working well. •The License activation was completed and HFAM reports are working good without any issues
000188210	Honeywell Forge Alarm Management – Reporting R2.2.1	Deleted Operator positions from configuration page are showing in DDMS and database	Deleted Operator position from webpage showing in DDMS and database
000188977	Honeywell Forge Alarm Management – Reporting R2.2.1	MES Log Viewer Flooded with EDPSService Errors	On the HFAM Core server, when viewing the Intuition log there are several EDPSService errors logged. "EDPSService:

Article Number	Products	Title	Summary
			http://Honeywell.DynAMo.MnR.WCFService/IEDPSWCFService/GetDequeInformation"
000189572	Honeywell Forge Alarm Management – Reporting R2.2.1	Standing Alarm Report (24hrs) Gives error message Custom Error Module	Standing Alarm Report (24hrs) gives error message "The custom error module does not recognize this error" and the analayzer log gives error "Exception: An item with the same key has already been added"
000189660	Honeywell Forge Alarm Management – Reporting R2.2.1	Procedure to increase timeout setting for HFAM Reports	Sometime certain reports like Event Investigator would fail to open when larger time frame like 'all of last month/last 3 months/last quarter etc. is selected. Honeywell DynAMo Analyzer log and Intuition log record below time out error - "2024-07-26 09
000190928	Honeywell Forge Alarm Management – Reporting R2.2.1	HFAM Report Links are Disabled	After installing or upgrading to HFAM 2.2.1 the report links are disabled in the web interface. Report links are disabled under Standard Reports, Advanced Reports, Custom Reports and User Reports.
000191161	Honeywell Forge Alarm Management – Reporting R2.2.1	Not able to browse PI tags from Dynamo	Not Able to Connect to PI Server via MES Data Access Page, this has never worked on the Dynamo server before.
000187022	Honeywell Forge Alarm Management – Reporting R2.2.1 Honeywell Forge Alarm Management – Reporting R2.2.0 DynAMo Metrics & Reporting R202.1	Archiver not able to archive the events for some channels	Collector is able to collect the data, but archiver is not able to archive the events for some channels.
000188472	Honeywell Forge Process Safety Analyzer (Cloud) R201.3	How to troubleshoot when PSA is not collecting & processing events from PHDAPP DB (source Machine)	PSA not collecting & processing events from PHDAPP DB
000188469	Honeywell Forge Process Safety Analyzer R2.1.0	How to troubleshoot when PSA Stopped collecting Events in R210 version and not starting after iisreset & basic settings changes	PSA Stopped collecting Events in R 210 version
000189005	Honeywell Forge Process Safety Analyzer R2.1.0	All SDs with no-cause detected and stored in DataWarehousePublishingError folder	PSA SDA publishing error- All SDs with no-cause detected and stored in DataWarehousePublishingError folder
000189020	Honeywell Forge Process Safety Analyzer R2.1.0	After PSA R210 migration from R201.3 there is an issue with Area names	After PSA R210 migration from R201.3 there is an issue with Area names. When migrating from PSA R201.3 to PSA R210 there is an issue where the legal value 'value IDs' are shown as the area name in the configuration. This is not very intuitive to the user
000189038	Honeywell Forge Process Safety Analyzer R2.1.0 Honeywell Forge Process Safety Analyzer R2.1.1	How to troubleshoot when seeing',' instead of'.' in stock time eg7,000 instead of 7.000 in shutdownxml & reports	Seeing',' instead of'.' in stock time eg7,000 instead of 7.000 in shutdownxml & reports
000186674	Honeywell Forge Process Safety Analyzer R2.1.1	How to resolve when SDA - Cause Effect analysis show other effects than those configured	SDA - Cause Effect analysis show other effects than those configured
000186675	Honeywell Forge Process Safety Analyzer R2.1.1	PSA Safety Overview - Saving comments does not work after entering comments.	PSA Safety Overview - Saving comments does not work
000186677	Honeywell Forge Process Safety Analyzer R2.1.1	How to troubleshoot when PSA published XML files end up in DataWarehousePublishingError	PSA published XML files end up in DataWarehousePublishingError and are not processed
000188208	Honeywell Forge Process Safety Analyzer R2.1.1	Antivirus Exclusion List for Process Safety Analyzer(PSA R211)	Request for a list of PSA components or files should be excluded from antivirus scan for Process Safety Analyzer(PSA R211).
000189003	Honeywell Forge Process Safety Analyzer R2.1.1	R211 BLF base template does not have the attributes updated for travel time	PSA R211 The BLF base template does not have the attributes updated for travel time
000189007	Honeywell Forge Process Safety Analyzer R2.1.1	How to resolve the issue when PSA Safety Overview incorrectly processed some tags after UTT2-Final was installed.	PSA Safety Overview - Some tags were incorrectly processed after UTT2-Final was installed.
000189009	Honeywell Forge Process Safety Analyzer R2.1.1	How to resolve when PSA Event Re-processor fails for the SO assets	PSA Event Reprocessor fails for SO equipment and deletes entries in the SO state history table.
000189011	Honeywell Forge Process Safety Analyzer R2.1.1	How to resolve when Incorrect tag name is displayed in the SO State Count and Cumulative State Duration SSRS Report	Incorrect tag name displayed in the SO State Count and the Cumulative State Duration SSRS Report
000189012	Honeywell Forge Process Safety Analyzer R2.1.1	How to resolve when SO SSRS Reports' tag name filter is not functioning properly.	The SO SSRS Reports' tag name filter is not functioning properly. This applies to the SO Cumulative State Duration SSRS Report as well as the SO State List. It appears that the Equipment Name is what the tag name filter is searching for instead of the Dis
000189015	Honeywell Forge Process Safety Analyzer R2.1.1	How to resolve formatting of SO SSRS Reports and exported PDF-Excel when it is narrow, and the State Name filter is missing. The tag name, Comment column is too narrow in the reports, so the tag name gets spread across multiple rows.	Formatting of SO SSRS Reports and exported PDF-Excel is narrow and the State Name filter is missing. The tag name, Comment column is too narrow in the reports, so the tag name gets spread across multiple rows.

Article Number	Products	Title	Summary
000189016	Honeywell Forge Process Safety Analyzer R2.1.1	How to resolve when PSA Online views are unresponsive during a bulk load and for a period after bulk load	PSA Online views are unresponsive during a bulk load and for a period after bulk load
000189017	Honeywell Forge Process Safety Analyzer R2.1.1	How to resolve >42000 rows missing from the EventSignatures table was after new assets were added to SOEquipment using the BulkLoad file	The EventSignatures table was missing >42000 rows after new assets were added to SOEquipment using the BulkLoad file, after all post-processing (build cache, etc.) was finished, and the EventSignatures database was rebuilt.
000189018	Honeywell Forge Process Safety Analyzer R2.1.1	The Failure report in PSA R211 needs to be removed from the base PSA installation	The Failure report in PSA R211 needs to be removed from the base PSA installation. The SES Failure report is no longer used in the PSA application as standard. However, by default, it is deployed in the PSA database when installed. It does not exist in t
000189027	Honeywell Forge Process Safety Analyzer R2.1.1	SIL Final Element Verification Report is very slow on PSA R2.1.1.	SIL Final Element Verification Report is very slow on PSA R2.1.1. We ran a query for approx. 1 year, and it took more than 20 minutes to complete and display the report.
000190997	Honeywell Forge Process Safety Analyzer R2.1.1	Unable to view expanded sub-reports after exporting the Shutdown Hierarchy Report to PDF or Excel.	In a Shutdown Hierarchy Report, if Expanded Sub Report Value is True, then also after exporting to PDF/Excel, the user is unable to view expanded sub-reports.
000179134	Honeywell Forge Process Safety Analyzer R201.2	PSA Server sizing	How to choose what size your system is (small/medium/large) for PSA setup
000178625	Honeywell Forge Process Safety Analyzer R201.2 Honeywell Forge Process Safety Analyzer R201.3	how to resolve when PSA Event Browser fail for option "Event Source" timeout exception	PSA Event Browser fail for option "Event Source"
000178901	Honeywell Forge Process Safety Analyzer R201.3	Procedure for configuring CA certificate on PSA Server	Require a detailed procedure on generating CA certificate request and deploying the CA certificate on PSA Server.
000188900	Honeywell Forge Process Safety Analyzer R201.3	PSA System health information not working after service accounts updated	The PSA System health page is not working after the service account password was changed and updated in all of the AppPools, windows services etc. Seeing an error related to login when the page is shown. "'PSAHealthMonitoringAPI.HoneywellMESProcessSafety
000188903	Honeywell Forge Process Safety Analyzer R201.3	PSA SES Safety View not updating	When applying filter values to event list in Safety View the event list become empty when navigating to Report tab and back.
000189205	UserAlert R300 UserAlert R310 UserAlert R320 UserAlert R321	Disabling URT messages also disables user alerts	• Knowledge Article# 155053 advises to uncheck Notifications checkbox in order to stop URT COMMS FAILED messages in Station • This action will disrupt Alerts being transmitted to Operators when using UserAlert\Dynamo A&N
000175558	UserAlert R321	UserAlert: Alerts and emails are not being generated; Explorer cannot connect to server	In certain cases, UserAlert will exhibit the following issues: • Alerts and/or emails are not being generated. • UserAlert Explorer is unable to connect to the server even through all of the services are currently running. o The message will contain "E
000191326	UserAlert R321	The UserAlert Explorer does not work on Experion Flex /console station after upgrade from EPKS R510.1 to R520.2	User Alert Explorer does not work on an Experion Console station machine with the error message "Active X component can't create object" after it was migrated from EPKS R510.1 to R520.2. Events logs produce DCOM error "DCOM was unable to communicate with

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Knowledge Article: Summary of Articles – 2024

Below is a list of knowledge articles published to **Process.Honeywell.com** for the following supported products:

- Uniformance Executive R301 – 330.1
- Uniformance KPI R121 – R140.1
- Honeywell Forge Operations Logbook R240.1 – R246.2
- Honeywell Forge Operations Monitoring R240.1 – R246.2

Article Number	Products	Title	Summary
000187139	Forge Operations Logbook R242.1	Description includes xml code after copy and paste reason to inside action for LR	Description includes xml code (which is incorrect) after copy and paste reason to inside action for LR. There should not be any xml code in any description.
000187138	Forge Operations Logbook R242.1 Forge Operations Logbook R243 Forge Operations Logbook R243.2 Honeywell Forge Operations LogBook R244.1	User is required to use scroll bar with report having DET snippet side by side for numeric control type	DET snippet side by side by having numeric shows horizontal scroll bar in report
000187121	Forge Operations Logbook R242.1 Forge Operations Logbook R243 Forge Operations Logbook R243.2 Honeywell Forge Operations LogBook R244.1 Honeywell Forge Operations LogBook R245.1 Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operatio	How to configure Alarm Snippet in Logbook	How to integrate HFOM with HFAM for Alarm Snippet.
000187691	Forge Operations Logbook R243.2 Forge Operations Monitoring R243.2 Honeywell Forge Operations LogBook R244.1 Honeywell Forge Operations LogBook R245.1 Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2 Honeywell	Does HFOM support SAML or OAuth?	Which authentication does HFOM Support (SAML, OAuth or both)?
000187047	Forge Operations Monitoring R243.2	In ACM alarm Tag name update reflect in L3LR	Impact of Updating ACM Alarm Tag to LR
000186863	HFOM 244.1 DOS 244.1 Honeywell Forge Operations LogBook R244.1 Honeywell Forge Operations Monitoring R244.1	Domain Change procedure for DOS, HFOM	This article has the detailed procedure attached on how to modify the existing domain to a new domain for DOS. These steps have been validated in Exxon environment.
000187135	Honeywell Forge Operations LogBook R244.1 Honeywell Forge Operations LogBook R245.1 Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2	Shift summary report font size is becoming small when convert to PDF	Shift summary report font size is becoming small when convert to PDF with table snippet having 11 columns.
000187598	Honeywell Forge Operations LogBook R244.1 Honeywell Forge Operations LogBook R245.1 Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R244.1 Honeywell Forge Operations Monit	How to change local date and time format in client machine	This article will with the settings needed to modify the date and time format in client browser
000188248	Honeywell Forge Operations LogBook R244.1 Honeywell Forge Operations LogBook R245.1 Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations Management R245.1 Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitor	Monitoring_ModelAuditArchiveJob is failing	Monitoring_ModelAuditArchiveJob fails with following error, "CREATE TABLE permission denied in database Honeywell.MES.Operations.DataModel.OperationsDB".
000186110	Honeywell Forge Operations LogBook R244.1 Honeywell Forge Operations Monitoring R244.1	Unable to save Scope in Honeywell Forge Operations Management R244.1	"The transaction associated with the current connection has completed but has not been disposed. The transaction must be disposed before the connection can be used to execute SQL statements." error is observed when save scope in HFOM R244.1
000189641	Honeywell Forge Operations LogBook R245.1	Operations Logbook installation error related to Adobe	Adobe installation error is observed although Adobe is already installed. "Adobe PDF iFilter 11 for 64-bit platform is required for Logbook Application server installation".
000191018	Honeywell Forge Operations LogBook R245.1	HFOL R245 installation failed at Honeywell Intuition Time Management step	HFOL R245 installation failed at Honeywell Intuition Time Management step due to "Please wait while Honeywell Intuition: TimeManagement Updating Application Trust Binding" message.
000188508	Honeywell Forge Operations LogBook R245.1 Honeywell Forge Operations LogBook R246.1	Installation error for HFOM Excel client	Installation error for HFOM Excel client tools. DMRequest.XML not Exists in the required path.

Article Number	Products	Title	Summary
	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R245.1 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Mo		
000187064	Honeywell Forge Operations LogBook R245.1 Honeywell Forge Operations Management R245.1 Honeywell Forge Operations Monitoring R245.1	Diagonal migration from DOS R220 to R245.1	This article covers the steps needed to do step wise migration from DOS R220 to R240 and then from R240 to R245.1
000191017	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2	HFOL migration from 240 to 246	What are the steps for HFOL migration from 240 to 246?
000190613	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.1	Logbook, Monitoring reports page error post upgrade	The reports link from Logbook and Monitoring page throwing error post upgrade to 246.2.This article with help with troubleshooting any navigation node overwrite issue.
000186833	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	What to do if user cannot use Logbook or Monitoring due to license	Summary : What to do if user cannot use Logbook or Monitoring due to license due to license.
000187684	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	Flexera License Configuration checklist - HFOM/HFOL R246.1 and above installation	Migrating HFOM from any old version to HFOM/HFOL R246.1 and above– Flexera License Configuration checklist
000189280	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	Hierarchy Window refreshes and snaps to top after asset selection	HFOM R246.1 - LR Console Hierarchy Window refreshes and snaps to top after asset selection.
000190294	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	Compatibility with HFOM R246	Summary : Are Microsoft Office Excel 2021, SQL Server 2022 and Windows Server 2022 compatible with HFOM (Honeywell Forge Operations Management) R246.1?
000191033	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	Tagcache is not generated automatically by DAS	Summary : Tagcache not generated for DAS in HFOM R246.2.
000187429	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.2	License Activation utility error "Error in ProcessActivationresponse"	While activating license, there was error "Error in ProcessActivationresponse". But the Features and Borrowed features tab show the license details. While testing the connection through the tool shared in 246.2 release, the connection fails with error "Th
000187685	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	HFOM/HFOL Flexera Licensing FAQ	Frequently asked questions on HFOM/HFOL Flexera Licensing
000186782	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations Management R246.1	Unable to start IIS on logbook server	Unable to start up IIS in R246 Logbook server after changing NIC.
000186784	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations Management R246.1	Unable to start up Logbook app pools in R246.1	Logbook app pools failed to start up even though IISreset is successful. "Keyset does not exist" error is observed when entering the password again for the app pool.
000186785	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations Management R246.1	Logbook app pool failed to start due to corrupted certificate	After certificate change logbook app pools failed to start up in R246.1.
000186518	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.1	Chrome or Edge is not working in new version.	Chrome or Edge is not working in new version. Getting browser error as ERR_SSL_KEY_USAGE_INCOMPATIBLE
000186562	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.1	Installation failure due to NTLM Authentication issue	Intuition platform installation was failing due to service account validation resulted with error.
000185889	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations Monitoring R246.1	Operations Monitoring License not working after HFOPM R246.1 upgrade	Operations Logbook license is applied first followed by Operations Monitoring license. Logbook pages work fine whereas Monitoring page throws license error.
000187604	Honeywell Forge Operations LogBook R246.2	Please contact the system administrator error at Logbook overview or Comments pages	Operations Management Logbook R246.2 - Error when specifying date range in Comments tab
000188439	Honeywell Forge Operations Logbook R246.2	Shift Summary PDF Generation Takes time	Html to PDF Conversion of Shift Summary is taking time approximately 5min and sometimes even more

Article Number	Products	Title	Summary
000188550	Honeywell Forge Operations LogBook R246.2	License error at Logbook page after upgrade to R246.2	License Error. Error occurred during license check.
000188863	Honeywell Forge Operations LogBook R246.2	User cannot create report for the previous shift beyond its shift end time and grace time	Error while saving logbooks after upgrading to HFOL R246.2.
000188957	Honeywell Forge Operations LogBook R246.2	Recreate logbook shift report for past date	User is able to go back and recreate older Logbook shift summary report for past dates.
000189238	Honeywell Forge Operations Logbook R246.2	Auto copy is not working as expected for Table type snippet	In logbook, Auto copy is not working for table snippet. Comments were not copied to next shift.
000189256	Honeywell Forge Operations LogBook R246.2	The shift summary report is not loaded the first time for an asset	Operations Management Logbook R246.2 - The reports are not loaded the first time for an asset. User has to click on filter, with including children checked then click Apply button for the reports to load properly.
000190235	Honeywell Forge Operations LogBook R246.2	Cannot select limit types in subscription of Operations Monitoring SSRS reports	Summary : Cannot select limit types in subscription of Operations Monitoring SSRS reports
000190237	Honeywell Forge Operations LogBook R246.2	Shift Summary Asset column is too short and not expandable	Summary : Operations Management Logbook R246.2 - Shift Summary Asset column is too short and not expandable
000187097	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.2	Honeywell Operation Management (HFOM/HFOL) Case Investigation Quick Guide	Analyzing support tickets effectively is crucial for identifying and resolving customer issues efficiently. Here's a step-by-step quick guide on how to analyze support tickets:
000189646	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.2	Error login to the License Activation Utility	"Error in Authorize, check logs for more details".
000187525	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.2	Multiple visualization issues with users after upgrading to HFOM R246.2	Multiple issues with Logbook and Monitoring user interface where visualization is not normal. The issue happens to multiple users but also does not happen for many users.
000187526	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.2	Monitoring installation stuck on App server with Prerequisite Check Error	HFOM 246 Upgrade stuck at Application server with message "Ensure all configured LR Synchronization are completed and suspended".
000187535	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.2	Unable to create new DAS or select DAS plugin type after upgrade to HFOM R246	Error occurred in getting plugin types.
000187537	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.2	"Unexpected system error occurred. Please contact the Administrator" error at MES Landing Page	Unauthorised exception is observed in the URL.
000188308	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.2	HFOM installation stuck at Honeywell Forge Operation Management step	There is no error message, but the Operation Management installation step stuck for a long time.
000188549	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.2	MES landing page unexpected system error occurred	"Unexpected system error occurred. Please contact the Administrator" message is observed when access MES landing page after HFOM R246.2 upgrade.
000189567	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.2	HFOM - Vulnerability with Microsoft Message Queuing (MSMQ)	Microsoft Message Queuing (MSMQ) RCE CVE-2024-30080 imact on HFOM application
000189709	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.2	Unable to login to License Activation Utility	"Service Not Available" is observed when login to License Activation Utility for Honeywell Forge Operations Monitoring/Logbook
000190233	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.2	Errors applying HFOM R246.2 Patch 1	Need help to apply R246.2 patch1
000190982	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.2	Application is not available in System Configuration	Application option is not available in System Configuration menu for certain user.
000190254	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.2 Honeywell Forge Operations LogBook R244.1 Honeywell Forge Operations LogBook R245.1 Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations Management	Instructions overwrite Reason, Consequence and Actions fields in LR	Summary : Instructions overwrite Reason, Consequence and Actions fields in Limt Repository
000186097	Honeywell Forge Operations Management R245.1	HFOM R245 rename node script error	Rename node HFOM 245 script error: "Invalid object name 'Honeywell.MES.Core.DataModel.SystemCatalogs.dbo.Services".
000186098	Honeywell Forge Operations Management R245.1	Honeywell Forge Operations Monitoring email notification is not working	Honeywell Forge Operations Monitoring R245.1 email notification is not working after notification is configured and deviation is triggered. This happens where HFOM and HFAM databases are installed on the same server.
000187835	Honeywell Forge Operations Management R245.1	Please Contact System Administrator Error while creating Logbook under particular Asset	Getting Error in Shift Summary page while creating new logbook only under particular Asset. User is able to create logbook for rest all of the assets.
000187816	Honeywell Forge Operations Management R245.1 Honeywell Forge Operations Management R246.1	Limit is not displayed in Trend for Honeywell Forge Operations Monitoring (HFOM)	The limit trend is not show on the graph (HFOM R245).

Article Number	Products	Title	Summary
000189703	Honeywell Forge Operations Management R245.1 Honeywell Forge Operations Management R246.1	Is it possible for user to acknowledge standing order?	Some Standing Orders open on Friday and close on Monday. We need the same user to be able to acknowledgment the same Standing Order on different days. Is it possible?
000189912	Honeywell Forge Operations Management R245.1 Honeywell Forge Operations Management R246.1	Both Historian and DCS tags coming over from ACM to LR are not displayed	Limit Repository Historian/DCS tag filter does not display both Historian and DCS tags from ACM.
000189966	Honeywell Forge Operations Management R245.1 Honeywell Forge Operations Management R246.1	Is it possible to extract information related to Standing Order in a report?	After acknowledging the Standing Order, a list of users who performed the acknowledgement is generated. Is it possible to extract a report containing all Standing Orders and which users performed the acknowledgement?
000188151	Honeywell Forge Operations Management R245.1 Honeywell Forge Operations Monitoring R245.1	Object reference not set to an instance of object when configuring monitoring notification	HFOM R245 Notification alert configuration
000190958	Honeywell Forge Operations Management R245.1 Honeywell Forge Operations Monitoring R245.1	Inserting Logo in the shift summary report	The logbook application enables the user to generate shift summary report with the company logo visible in the PDF format of the report. The position of the logo can be selected according to the company branding guidelines. The default position of the log
000185959	Honeywell Forge Operations Management R246.1	Operations alert client not connecting with server	Operations Alert Client is showing reconnecting & not showing alerts
000186160	Honeywell Forge Operations Management R246.1	HFOM R246 License activation fails with ACTIVATION_IO_COUNT_EXCEEDED error	Unable to activate HFOM R246.1 license due to ACTIVATION_IO_COUNT_EXCEEDED error
000186426	Honeywell Forge Operations Management R246.1	Unable to download response file for activating license	Unable to download the .bin file for activation request or license return.
000186513	Honeywell Forge Operations Management R246.1	SQL query failed because of incorrect syntax	SQL query failed even though test passed.
000187836	Honeywell Forge Operations Management R246.1	Post Upgrade to R246.1, Getting Error and not able to add datasources under license Information page	Post Upgrade to R246.1, Admin user is getting Error and not able to add data sources under license Information page
000187852	Honeywell Forge Operations Management R246.1	Restoration of Deleted asset from AssetTaskDB	Retrieving the asset from IsDelete=1
000190025	Honeywell Forge Operations Management R246.1	HFOM Home page is not loading	HFOM - Home page is not loading in a test server after installation.
000190402	Honeywell Forge Operations Management R246.1	ODBC connection in Intuition DAS	Plugin Configuration using SQL Plugin to connect through ODBC
000190526	Honeywell Forge Operations Management R246.1	Flexera License Server Java version upgrade Procedure	For HFOM license server java Open Red Hat latest version upgrade procedure
000186900	Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.1	Limit value cannot be modified as user does not have permission for this Limit Type message	HFOM R246.2 - Limit value cannot be modified as user does not have permission for this Limit Type message is observed when open a Limit Repository variable.
000189295	Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	Backfill create duplicate deviations	Manuals backfill in monitoring created duplicate deviations in Honeywell Forge Operations Monitoring HFOM R246.
000187170	Honeywell Forge Operations Management R246.1 Honeywell Forge Operations Monitoring R246.2	HOT Task page Start Task icon is missing	Despite enabling all security tasks related to tasks, Users are not able to see the "Start Tasks" option.
000190627	Honeywell Forge Operations Management R246.2	Please contact System Administrator Error was thrown while approving 1 month old shift summary	Please contact System Administrator Error was thrown while approving one month old shift summary Report
000190907	Honeywell Forge Operations Management R246.2	Variable Validation Failed for the Variable Error upon saving new instruction	Variable Validation Failed for the Variable Error upon saving new instruction Post to R246.2 upgrade
000191660	Honeywell Forge Operations Management R246.2	HOTO Authentication is unsuccessful.	HOTO Authentication is unsuccessful. Only change is service and admin account password change and certificate renewal
000187352	Honeywell Forge Operations Monitoring R244.1	Re-provisioning of LR MiniACMDB	After the ACM321.12 HF7 update the MiniACM DB sync at L4 LR has error :"Expected column 'LR_DATA_SOURCE' was not found on the DataTable to be applied to the destination table 'VT_Console'." This article will help to resolve the same.
000188245	Honeywell Forge Operations Monitoring R244.1	Steps to perform at LR end while applying ACM R321.12 HF7	While applying ACM hotfix, need to follow the steps in proper sequence so as not to break the L3-L4 LR sync. This article will help in clarifying the steps.
000191045	Honeywell Forge Operations Monitoring R244.1	User is able to Publish Discrete Targets from Excel Add in with Impact Factor Fields selected without any warning or errors	User is able to Publish Discrete Targets from Excel Add in with Impact Factor Fields and those were getting Displayed in Target Configuration Page. Impact Factor is not applicable for Discrete Targets
000183763	Honeywell Forge Operations Monitoring R244.1 Honeywell Forge Operations Monitoring R245.1 Honeywell Forge Operations Monitoring R246.1	Large limit value does not show up in the Limit Repository page	Large limit value 1,000,000 or higher does not show up in the Limit Repository page.
000188195	Honeywell Forge Operations Monitoring R244.1 Honeywell Forge Operations Monitoring R245.1	What does the Activity Type mean in Activities table?	What does Activity Type number represent in [Activities] table?

Article Number	Products	Title	Summary
	Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2		
000187630	Honeywell Forge Operations Monitoring R245.1	Loading of Variable Limits page takes 5 minutes to complete	Loading of HFOM variable data takes 5 minutes to complete
000189598	Honeywell Forge Operations Monitoring R245.1	Logbook search prompts for re-enter credentials often	When user do search in logbook with keywords and results the reports. But when try to open report, each time it asks for a password and username.
000191513	Honeywell Forge Operations Monitoring R245.1	No email notification for deviation in HFOM R245.1	The notification email was not generated in HFOM R245.1
000187693	Honeywell Forge Operations Monitoring R245.1 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	Data source is either invalid or not licensed error occurred in configuring health target in HFOM R246	HFOM 246.1 Error in posting limit when editing health target.
000188432	Honeywell Forge Operations Monitoring R245.1 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	Missing deviation in Honeywell Forge Operations Monitoring for one target	Target processing not working properly for one target.
000191561	Honeywell Forge Operations Monitoring R245.1 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	Deviation does not match data in Historian	DOM does not show downtimes on health monitoring when value is changed in Historian.
000191697	Honeywell Forge Operations Monitoring R245.1 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	Incorrect decimal display in Spanish environment	Summary : Incorrect decimal display is observed between Operations Monitoring and PHD Historian in Spanish environment (browser, language setting...).
000187392	Honeywell Forge Operations Monitoring R246.1	HFOM 246.1 action icons are not loading inside HCP portal	In latest Portal version 3.2.0.55, the HFOM related action icons are not loading, the Refresh, Save Preference, Apply Preference icons beside the TimeControl
000189014	Honeywell Forge Operations Monitoring R246.1	License Activation Utility Installation failing with Error 1603	License Activation Utility Giving Error 1603 while installation
000190156	Honeywell Forge Operations Monitoring R246.1	Portable HOM Excel addin installable media from source ISO	Extracting portable Excel addin components from ISO to install in client machine downloading through software of respective site.
000190157	Honeywell Forge Operations Monitoring R246.1	Flexera License Server HTTPS conversion Procedure	Flexera License Server HTTPS conversion Procedure with sample syntax
000186512	Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	Print Preview at SQL Query does not work in Chrome or Edge	Configure SQL query in HFOM R246 then click on print preview icon and no preview is observed.
000190994	Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	FlexNet License Server failed to start up on HOM server	"Unexpected system error occurred. Please contact the Administrator." is observed on Honeywell Operations Monitoring server.
000190995	Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	An existing connection was forcibly closed by the remote host	Server Error in '/MES' Application. An existing connection was forcibly closed by the remote host
000191035	Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	Monitoring is not working for HFOM R246	Summary : Subject: Monitoring is not processing for HFOM R246.2.
000187536	Honeywell Forge Operations Monitoring R246.2	The content type/html; charset=utf-8 of the response message does not match the content type of the binding error	Observed the content type/html; charset=utf-8 of the response message does not match the content type of the binding at the Monitoring summary page.
000187617	Honeywell Forge Operations Monitoring R246.2	Limit Repository boundary or operating limits values are being rounded	Operations Management R246.2 - Limit Repository Boundary and Operating Limit values are being rounded up or down.
000187783	Honeywell Forge Operations Monitoring R246.2	User is unable to edit mode based operating instruction template.	User is unable to edit mode based operating instruction template. Ended up with Error "Posting Mode's tag data to asset through asset service failed"
000189156	Honeywell Forge Operations Monitoring R246.2	HOM246.2 Patch1 DB script execution error OPTIMIZE_FOR_SEQUENTIAL_KEY	While installing the 246.2 Patch1 on DB server throwing error for key 'OPTIMIZE_FOR_SEQUENTIAL_KEY'
000189258	Honeywell Forge Operations Monitoring R246.2	Save preference for sort with Variable name change to Asset name	If user goes into a particular limit and hit the "grid" button (Go back to Summary Page), the Sort By always changes to Asset Name, no matter if user has preferences or not.
000189279	Honeywell Forge Operations Monitoring R246.2	Filter and Sort at Variable limits page does not return correct result	Filter and Sort at Variable limits page does not return correct result.
000189605	Honeywell Forge Operations Monitoring R246.2	Reason list must be kept in the order that they are entered on Health Monitoring page	When there is more than one reason for heath target deviation, the reason is not showed in the order that they are entered in HFOM R246.2.
000189640	Honeywell Forge Operations Monitoring R246.2	Upgrade cannot proceed due to "Number of LRs present in this system are more than 2" message	Upgrade to R246.2 stuck with "Number of LRs present in this system are more than 2" message.
000189833	Honeywell Forge Operations Monitoring R246.2	IP21 server OPC Server to HOM communication Architecture	Communication establishment architecture for IP21 to HOM data fetching (Ex: Ellipsys OPC Server)
000190666	Honeywell Forge Operations Monitoring R246.2	Ability to filter for asset at Monitoring Target Configuration page	It is useful for admin to see which targets and how many targets are assigned to one specific asset at the Target Configuration page.

Article Number	Products	Title	Summary
000190667	Honeywell Forge Operations Monitoring R246.2	Invalid data source error when updating limits using LR excel addin	User is unable to update limits via the Limit Repository excel addin due to invalid or unlicensed data source.
000186804	R245.1 Honeywell Forge Operations Management R245.1	HangFire server issue, Operation scheduler is not working	Hangfire server doesn't get initiated even after Operation Scheduler app pool recycle. Background Jobs also don't run as a result.
000185946	Uniformance Executive R330.1	UNEX State indicator based on different measures	We need to highlight the quantity cell based on delta column. condition for state indicator is if Delta > LL then it is green color else it is red color. Currently there an option to apply only state indicator on same measure. This Article will help to ac
000187867	Uniformance Executive R330.1	Custom script to export UNEX dashboard to PDF format	There is requirement from customers to add the PDF export button on the dashboard template level instead of share options, this article helps to add the script to render the dashboard into PDF formant.
000190473	Uniformance Executive R330.1	UNEX prerequisite Python nltk Module installation using CMD	Python nltk Module is prerequisite for UNEX installation, in non-internet-based machine we need to install it manually using CMD, this article provides the steps to install the same.
000190474	Uniformance Executive R330.1	UNEX prerequisite Python pandas Module installation using CMD	Python pandas Module is prerequisite for UNEX installation, in non-internet-based machine we need to install it manually using CMD, this article provides the steps to install the same.
000190475	Uniformance Executive R330.1	UNEX prerequisite Python requests Module installation using CMD	Python requests Module is prerequisite for UNEX installation, in non-internet-based machine we need to install it manually using CMD, this article provides the steps to install the same.
000190480	Uniformance Executive R330.1	Revision history and roll back to a previous revision of objects in UNEX	The Revision History dialog lists all the revisions or changes that happened to this item. Each revision corresponds to a check in by a specific account, or an event such as the initial file creation in UNEX will maintain the revision copy with comment
000190855	Uniformance Executive R330.1	Service account recommendations	This Article helps to understand the basic Service account recommendations for intuition-based applications.
000187292	Uniformance KPI	SSRS Reports are not accessible from web portal says The Service is not available	SSRS report server version is migrated from older version to new version then SSRS web service didn't seem to have a problem you could browse the web service and render reports. Just not the portal, if access the reports from portal then it says The Servi
000189558	Uniformance KPI R130.1	Procedure to add logo in all pages in MES application	This document captures the detailed steps to be followed if a customer wants to display their plant/refinery logo to be displayed in MES landing page and inside the application pages.

Current Product Releases

Advanced Applications:

Honeywell Alarm Management

- Reporting **R2.2.1**
- Alarm Performance Optimizer **R2.0.0**
- Documentation (**ACM R321.12.7**)
- Notifications (UA R321.2)
- Process Safety Analyzer **R2.1.1**

Honeywell Operations Management R246.2

- Operations Logbook
- Operations Monitoring
- Operations Instructions
- Operations Limit Repository

UniSim Design Suite

- UniSim Design **R500**

Honeywell Workforce Competency R530.1

- Process Training Simulator
- Tutor
- Curriculum
- ProSim

Honeywell Production Management

- Production Accounting and Reconciliation **R212.3**

Honeywell APC (Profit Suite)

- Release **R513.1**

Uniformance

- Uniformance PHD **R430**
- Uniformance Process Studio R323
- Uniformance Asset Sentinel **R532**
- Uniformance Insight **R240**
- Uniformance Cloud Historian R100
- Uniformance Executive **R331**
- Uniformance KPI **R140.1**

Control Performance Monitor

- Control Performance Analytics-Unified (CPA-Unified) **R610.1**
- TaiJi PID **R320.2**

Honeywell Blending and Movement (HBM) Suite

- Blending and Movement (PBM) **R530.2**
- Blend Performance Monitor (BPM)
- Experion Blend Controller (EBC)
- Experion Tank Monitor (ETM)
- Profit Inventory Monitor (PIM)
- Profit Blend Controller (PBC)
- Profit Blend Optimizer (PBO)
- LIMS Viewer (LV)
- Profit Movement Management:
  - ➢ Movement Monitor (MM)
  - ➢ Movement Control (MC)

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Contact Information

All GTAC support should be directed through https://www.process.honeywell.com/en-US/contact-us/customer-support-contacts/Pages/default.aspx Portal.

Americas Support Centre Contact Information

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Honeywell Forge APC (Profit Suite) Support	apc.apptech@honeywell.com	1-800-822-7673
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Uniformance Help Desk	support@honeywell.com	1-403-216-2870
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New Zealand:		0800 855 663
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Philippines:		1-800-1441-0223
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UniSim Design Suite Support	unisim.support@honeywell.com	
Automation College	www.automationcollege.com	

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