

BENEFITS GUARDIANSHIP NEWSLETTER

QUARTERLY NEWS / Q3

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:

- *Enterprise Data Management - Knowledge Article Quarter: Summary of Articles – 2025*
- *Honeywell Inspection Rounds: Configuring Round suspension in the Planning board*
- *Honeywell Blending & Movement - KA for Creating an Order for a Movement*
- *Honeywell Workforce Competency - SMTP Support Added Alongside SendGrid*
- *UniSim Design Suite Electrolyzer Capability*
- *Honeywell Alarm Management: Alarm Configuration Manager (ACM) End of Life Extension*
- *Honeywell Operations Management R246.3 (On-Prem offering)*
- *Honeywell Production Management - Upcoming release of PAR R3.1.0 in Q3 2025*
- *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

- Knowledge Article: Summary of Articles – 2025

[READ ENTERPRISE DATA MANAGEMENT ARTICLES](#)



HONEYWELL BLENDING AND MOVEMENT

- KA for Creating an Order for a Movement

[READ BLENDING AND MOVEMENT ARTICLES](#)



UNISIM® DESIGN SUITE

- UniSim Design Suite Electrolyzer Capability

[READ UNISIM DESIGN ARTICLES](#)



HONEYWELL OPERATIONS MANAGEMENT

- HOM R246.3 On-Prem offering

[READ OPERATIONS MANAGEMENT ARTICLES](#)



HONEYWELL INSPECTION ROUNDS

- Configuring Round suspension in the Planning board

[READ INSPECTION ROUNDS ARTICLES](#)



HONEYWELL WORKFORCE COMPETENCY

- SMTP Support Added Alongside SendGrid

[READ WORKFORCE COMPETENCY ARTICLES](#)



HONEYWELL ALARM MANAGEMENT

- Alarm Configuration Manager (ACM) End of Life Extension

[READ ALARM MANAGEMENT ARTICLES](#)



HONEYWELL PRODUCTION MANAGEMENT

- PAR release R3.1.0 in Q3 2025

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Enterprise Data Management

Uniformance Products (PHD/UI/CHC/UPS/AFM)

Article	Title
AFM KA 000192844	Why is Advanced Formula Manager not writing data into PHD?
CHC KA 000193147	CHC Service account name length
CHC KA 000192574	How to open support ticket for Cloud Historian Collector?
CHC KA 000193148	Why CHC installation is getting stuck at "Service Account Information" step with warning "User credentials entered are incorrect"?
PHD KA 000138438	Access Tag Value at Specific Time in Virtual Tag
PHD KA 000193718	Adjust PHD System Parameters for BARRAY Data
PHD KA 000192041	Archive Merge breaks with message "File Exists. Deleting"
PHD KA 000191817	BW2025-02 PHD R430 Broken CPU Affinity
PHD KA 000192541	Clear Cache of Internal ID's on TPNServer OPC Server for TPS System APP or ESVT Node
PHD KA 000192646	Connect OPC UA Client to PHD on release without OPCUAServer
PHD KA 000192715	Deleted RDIs were removed, but the RDIs are still displayed in "phdman monitor system"
PHD KA 000192196	Error in csv file format during archive merge
PHD KA 000181161	Exceeded licensed tag count warning appear when sending new tag to PHD
PHD KA 000192603	Experion Link inactive with error- No more threads can be created in the system
PHD KA 000191829	Final step of PHD 410 Installation - Set Database Host Machine crashes the install shield on E-APP 530
PHD KA 000192935	Gateway RDI from 2nd Peer server max out Shadow CPU
PHD KA 000191778	Gateway RDI on Level 4 PHD unable to connect to Remote Peer service on Level 3 PHD.
PHD KA 000168639	How to convert Manual Input Tag to Collected Tag
PHD KA 000192711	How to setup Cross-Domain PHD authentication using Kerberos
PHD KA 000194072	IOPCSync2 Write error after upgrading to PHD R430.1.2
PHD KA 000192098	Is there a performance issue with multiple Gateway RDIs connected to same Remote Peer service?
PHD KA 000194150	Is there an updated version of PHDAPINET.dll available that is compatible with .NET 5 or later (.NET Core / .NET 6/7/8)?
PHD KA 000192492	KB5048661 failed to be installed on PHD 400 Collector
PHD KA 000192254	Large Manual Input files on PHD Peer
PHD KA 000140036	LXS RDI disconnects with error - <WS: Blind Record Size Too Large for store>
PHD KA 000194545	May 2025 MS Security Updates ISO issue for PHD SQL Server
PHD KA 000193107	OPC RDI Tag wont update every second for an epks history tag assigned to fast rate 1 second
PHD KA 000156239	PHD - Virtual tags referencing tag name that contain special characters do not validate
PHD KA 000152783	PHD Confidence in Extrapolation
PHD KA 000192442	PHD database fails to upgrade from PHD 340 to PHD 430
PHD KA 000193714	PHD OPC server stop working once server "hardening" was implemented
PHD KA 000159757	RDI Server crashes frequently
PHD KA 000191870	Some totalizer tags in L4 is 1 hour behind then the same tags in L3
PHD KA 000192244	The bulk update tool is not changing the source tag name to uppercase in PHD
PHD KA 000192722	Using the correct DLL for PHDAPINET Client Application
PHD KA 000192325	Using USM to Monitor PHD Experion Link State
PHD KA 000193474	When CPM analysis runs, PHD run out of Virtual memory
PHD KA 000167849	Write Setpoint on TPS/APP from PHD or any OPC Client to the APPnode
UI KA 000194156	Cannot change value on y axis with Enter key in Uniformance Insight
UI KA 000192737	Closing inactive Uniformance Insight user

UI_KA_000192130	DAS STATUS NOT GETTING UPDATED IN INSIGHT DAS INSTANCE PLUGIN
UI_KA_000192645	Effective IIS Log Categorization for Insight Application Calls: Mobile, Client Machines, and Server Logs
UI_KA_000192612	Guide for Button-Click Navigation Functionality in JavaScript for UI graphics
UI_KA_000192413	HCP Connected Plant Portal configuration doesn't open up
UI_KA_000192356	HCP Workspaces: Cannot connect to SQL Server instance error
UI_KA_000194177	How does scale work in UI?
UI_KA_000194126	How Log out button works in Uniformance Insight
UI_KA_000192129	HOW TO ADDRESS REMOTE SERVER RETURNED AN ERROR: (413) WHILE PUBLISHING GRAPHICS IN UNIFORMANCE INSIGHT
UI_KA_000192590	How to address Server error – see Display service log file
UI_KA_000192166	HOW TO ADDRESS TREE REFRESH ERROR IN HCP PORTAL
UI_KA_000193060	How to check certificate issuer?
UI_KA_000193092	How to fix the unexpected behavior of the Trend Loading indicator in UI 2.5.0 System?
UI_KA_000190498	How to prevent UI DAS crash when source PHD server uses TDA mechanism?
UI_KA_000192064	How to trend Enumeration string in Insight
UI_KA_000193281	Invalid AppPoolID Trash set message in Uniformance Insight
UI_KA_000193058	Is it possible to change UI file locations after installation completes?
UI_KA_000192268	Is it possible to remove unwanted column and select desired column for Event Table in Uniformance Insight?
UI_KA_000192440	Issue with having multiple certificate with same subject name in Uniformance insight
UI_KA_000193280	No data sources are defined when invoking Load ECC in Uniformance Insight HMIWeb Display Builder
UI_KA_000192550	Precision Handling Error and Data Loss in Trend Visualization while using Hairline in UI trends
UI_KA_000194158	Select tag range shows Custom for SPC scale
UI_KA_000194170	Selecting tag range shows custom - UI Trend - Y axis
UI_KA_000192561	SQL Connection Error Due to Untrusted Certificate Chain while running import export utility in uniformance insight
UI_KA_000192088	Status stuck on "Validating connection string" on testing UI data source connection to PHD
UI_KA_000193055	Tagcache is not generated for UI 2.5.0 PHDDataSource
UI_KA_000191936	This page isn't working HTTP Error 500 on Uniformance Insight page
UI_KA_000192629	UI HMIWeb Display Builder failed to launch due to mfc140u.dll
UI_KA_000193073	UI HTTP Error 500
UI_KA_000194176	UI Single Scale is inconsistent
UI_KA_000193054	Unable to save DAS configuration in UI 2.5.0
UI_KA_000188481	Uniformance Insight and SSL Certificates requirements
UI_KA_000194152	Uniformance Insight Power BI related roles
UI_KA_000193243	Why Excel Companion does not return Tag "Description" and "Unit" when DAS DataSource is being queried?
UI_KA_000193994	Why Trend Legend is not visible in Uniformance Insight Trend when the option is checked?
UI_KA_000193156	Why UI aggregates 'Maximum' and 'Maximum Actual Time' are returning identical values when used against PHD Data Source?
UI_KA_000192721	Why UI HCP Portal is throwing http error 500.19 after fresh installation?
UI_KA_000192230	Why Uniformance Insight DAS plugin shows "Not available" status for configured connections?
UI_KA_000192682	Why Uniformance Insight public content or private content is not loaded when HCP portal is accessed?
UI_KA_000192152	Why Uniformance Insight R2.5.0 installation fails at "Honeywell Intuition: Core Environment" step?
UI_KA_000193513	Why Uniformance Insight Table exposes the tag data as "NaN" when browser language is different than English(US)?
UPS_KA_000192563	UPS Trend displaying incorrectly showing up as a big red box

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Honeywell Inspection Rounds (HIR)

The Rounds Suspension feature in Honeywell Inspection Rounds is designed to maintain operational integrity and regulatory compliance during periods when inspection activities cannot be performed. Here's a breakdown of its key uses:

Primary Use of Rounds Suspension

1. Operational Flexibility

It allows plant managers or system administrators to temporarily pause inspection schedules without deleting or modifying them. This is especially useful during:

- Plant Turnaround
- Equipment Overhauls
- Emergency shutdowns
- Environmental or safety hazards

2. Audit and Traceability

Suspension events are logged with metadata such as:

- Timestamp of suspension and reactivation
- Reason for suspension
- User who initiated the action
- Affected assets or areas

In scenarios where field operations across the plant or enterprise are temporarily halted due to scheduled or unscheduled maintenance, and operators are unable to execute their assigned rounds, the 'Rounds Suspension' functionality within Honeywell Inspection Rounds can be enabled to prevent compliance issues.

This Newsletter provides step-by-step instructions about how to suspend Rounds in the Honeywell Inspection Rounds portal.

Configuring Suspension in Planning Board

You need explicit permission to perform these actions (Planning Board Admin). Contact the Honeywell support engineer to obtain the required user role.

There are two options to Suspend Rounds:



- Suspend all Rounds that are scheduled for a specific level
- Suspend only those Rounds that are based on a particular round template

NOTE

Rounds cannot be suspended for a shift that has already started. Instead, the Round will be suspended for the next shift for which the Round is scheduled.

Suspend all rounds for a level

Perform the following steps to suspend all Rounds that are scheduled for a level:

1. Navigate to the Planning Board.
2. Choose  in the toolbar below the navigation bar. The Scheduled suspensions dialog opens.
3. Select the level for which you want to suspend all Rounds from the tree on the left.
4. If you want to suspend all Rounds for a specific level, select the relevant level from the tree on the left.
5. Choose  in the upper right corner of the Suspensions on hierarchy level section.
6. Enter the type of the round suspension in the Type field.
7. Enter a description for the round suspension in the Description field.
8. Enter a start time and start date for the round suspension in the Start from fields.
9. Enter an end time and end date for the round suspension in the End on fields. When the end time and end date is reached, the rounds are not suspended anymore.
10. Choose Save.

A notification indicates whether the round suspension is successfully saved.

11. Close the notification by clicking outside the notification. You see the new round suspension in the Suspensions on hierarchy level section.
12. Close the Scheduled suspensions dialog.
13. Refresh your browser window to display your changes.

Now, the suspended Rounds are displayed with the Suspended status tag in the Round Status column of the rounds table. The suspended Rounds are grayed out on the Schedule table.

NOTE

Planning Board displays only the rounds scheduled for a specific duration (next few days). The duration is configured in EasyConfig and is called Scheduling days. This duration is between 1 to 7 days, and the default value is 3 days.

Suspend all Rounds based on a particular Round template

Perform the following steps to suspend all Rounds that are based on a particular Round template:

1. Navigate to Planning Board. You can see the round templates on the rounds table. The Round templates are displayed with the Template status tag in the Round Status column.
2. Right-click the relevant round template and choose the schedule from the context menu. The Scheduling dialog opens.
3. Choose **+** in the upper right corner of the Scheduled suspensions section. The Configure suspension dialog opens
4. Enter the type of the round suspension in the Type field.
5. Enter a description for the round suspension in the Description field.
6. Enter a start time and start date for the round suspension in the Start from fields.
7. Enter an end time and end date for the round suspension in the End on fields. When the end time and end date is reached, the rounds are not suspended anymore.
8. Choose Save. A notification indicates whether the round suspension is successfully saved.
9. Close the notification by clicking outside the notification. You see the new round suspension in the Scheduled suspensions section.
10. Close the Scheduling dialog.
11. Refresh your browser window to display your changes.

Now, the suspended Rounds are displayed with the Suspended status tag in the Round Status column of the rounds table. The suspended Rounds are grayed out on the Schedule table.

Once a round is suspended, it becomes inaccessible to workers until the suspension period expires. You can continue with the following actions:

- Suspend other Rounds
- Edit this Round suspension or other already active round suspensions
- Delete already active round suspensions.

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HIR SaaS Updates details

The most recent version update is Honeywell Inspection Round R8.4.6. Below are the details of the update.

Honeywell Inspection Rounds R8.4.6 update

[MOVOR-19530] – Native Dashboard (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 are 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 the 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 the all tasks deviation details at one go irrespective limit Criticality and Type

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

[MOVOR-19450] - Dashboard : PART-3 - Field operation should be able to view the 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

Supported Releases

Release	FULL SUPPORT / CURRENT (Start date)	Phased-Out
HBM R530.1	Jan 2024	Jan 2030
FBM R520.1	Aug 2021	Aug 2027
PBM R510.1	Sep 2019	Sep 2025

Releases Approaching Phased Out Date

PBM R510.x will be phased out in September 2025.

Phased-Out: For Standalone Software Product releases which have been Phased-Out, HPS intends to make commercially reasonable efforts to provide support as, and if, available consisting of technical assistance for product use, lost/damaged software media replacement and reference materials download. "Phased-out" Support applies to releases older than R-2.

1. **Limited TAC support** will be available.
2. Honeywell may not always be able to enter into a contract for Phased-out releases due to technology or resource considerations. Any contract would exclude PAR fixes.
3. **For all PARs, "commercially reasonable effort support" will be provided**, typically including answering questions and offering advice, but problem fixes will require upgrading to a release in the "Current" support phase.
4. **Fixes** developed for later releases generally **will not be ported back** to Phased-out releases.
5. Product **documentation updates will not** be provided.

Creating an Order for a Movement that has Already Started (Log Started)

The following workflow is used to create an order for a movement operation that is already started and is currently "active" or flowing. This technique will create the Open Logs for the movement, with the appropriate start time. MM's historian is used to capture the available log data at the time the start event occurred.

1. Create an order as usual.
2. In the Order Detail - Task Definition tab, set the **Log Time** for **Task Start** in the Work Item Conditions to the time (in the past) that the movement started.
3. Update the order. Correct any errors found if needed. (**Note:** Order update validation will ensure that the **Log Time** for **Task Start** is earlier than the current date and time.) In the Work Item Conditions, the **Task Start Condition** is set to **Date_Time**.
4. Release the work item to the task handling processes.
5. The task and sequences are created as usual. The task start condition is set to the specified **Log Time** for **Task Start** (in the past). The **Already Flowing** option is automatically selected for each sequence in the task.
6. Once path selection, path approval and sequence lineup has been performed, the sequences are started automatically. Note that because the sequences are marked as already flowing, the path selection process is simplified. (A subset of the normal path selection checks is performed.)
7. A Task Open Log is created for the task and a Component Open Log is created for each sequence.

Order History

Order Detail Task History PB

Activity Selector:

Order Hierarchy

- TransferOrder Using OMATank
 - TransferTask01 Using OMATank
 - XferDest0101 Using T102**
 - XferSrc0101 Using T101
 - XferDest0102 Using T103

Planning Information:

Material Code	Source	Destination	Scheduled Start	Scheduled End	Status
FN001327			2010-09-30T11:00:00	2010-10-01T14:48:37	Active
FN001327			2010-09-30T11:00:00	2010-10-01T14:48:37	Active
FN001327	T101	T102	2010-09-30T11:00:00	2010-10-01T14:48:37	Active
FN001327			2010-09-30T11:00:00	2010-10-01T14:48:37	Active
FN001327		T103	2010-09-30T11:00:00	2010-10-01T14:48:37	Active

Logged Information:

< All Types >

Start Time: 01-Oct-10 00:00 End Time: 01-Nov-10 00:00 Default...

Attribute	ComponentOpenLog 01-Oct-10 14:50
ActivityID	MA19351
AlreadyFlowing	True
BatchID	0000
Element Type	1
EndTime	2010-09-30T11:00:00
Name	T102
ProductDensity	0.9
StartCount	0
StartTime	2010-09-30T11:00:00
TankDeltaWeightWAT	0
TankLevelManMode	0
TankLevelOil	25.423263888871
TankLevelWater	0

The data available from the historian at the configured **Log Time** for **Task Start** time is used as the source of the log data. For the data collected from the real-time system (i.e. from RTDR), the values displayed will be those at the time that the snapshot is taken (not the log started time). For the Component Open Logs, the **AlreadyFlowing** event attribute will show **True**, to indicate that this is a delayed log for an already flowing movement.

Order History Notes:

In the Order History display, the TaskOpenLog and ComponentOpenLog timestamps that appear in the Logged Information column header show the date and time that the log was generated. They are not the start time for the movement (that occurred in the past). The start time that was configured as the **Log Time** for **Task Start** for the work item, appears as the **StartTime** and **EndTime** entries for the Open Logs instead.

The **Scheduled Start** dates and times for the order, work item and end points in the Planning Information table are set to the configured **Log Time** for **Task Start** date and time (in the past). If a **Task Stop** condition has not been configured for the work item in the Order Detail, then the **Scheduled End** date and times are set to the date and time that the order was created. (This **Scheduled End** behavior is normal. It has not been changed.).

- Control the movement operation using the task handling displays as usual. The remaining event logging operations will occur as usual.
- If a new end point is added after the work item was released, the new end point is treated as a normal end point/sequence addition. The new sequence is not assigned the Log Time for Task Start. (This makes it possible to add new sequences in the normal way. However, if you set up the work item incorrectly (prior to releasing it for the first time), then you cannot go back and correct the logs by adding or removing end points.)
- When the movement is finished, complete the task and close the order as usual.

ATTENTION: If you need to create multiple orders that started in the past, they must be entered in chronological order (with the order that started earliest entered first, and so on). This is necessary to ensure that end point sharing and volume information is determined correctly.

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Creating an Order for a Movement that Started and Stopped in the Past (Log Completed)

The following workflow is used to create an order for a movement operation that started and stopped in the past. This technique will create the Open and Complete Logs for the movement with the appropriate start and stop times. MM's historian is used to capture the available log data at the time the start and stop events occurred.

1. Create an order as usual.
2. In the Order Detail - Task Definition tab, set the **Log Time** for **Task Start** and the **Log Time** for **Task Stop** in the Work Item Conditions, to the times that the movement started and stopped.
3. Update the order. Correct any errors found if needed. Order update validation will check the following:
 - The **Log Time** for **Task Start** and for **Task Stop** must be earlier than the current date and time.
 - If a **Log Time** for **Task Stop** has been entered, then a **Log Time** for **Task Start** must also be entered.
 - The **Log Time** for **Task Start** must be earlier than the **Log Time** for **Task Stop**.

In the Work Item Conditions, the **Task Start Condition** is set to **Date_Time** and the **Task Stop Condition** remains unchanged.

4. Release the work item.
5. An Open Log and a Complete Log are created for the movement. Component Open Logs and Component Complete Logs are created for each end point. The **Log Times** for **Task Start** and **Task Stop** set in the Order Detail are used as the Start and End Times for the logs.

Order History [Order Detail] [Task] [History] [PB]

Activity Selector:

Order Hierarchy

- TransferOrder Using OMATank
 - TransferTask01 Using OMATank
 - XferDest0101 Using T102
 - XferSrc0101 Using T101
 - XferDest0102 Using T103

Planning Information:

Material Code	Source	Destination	Scheduled Start	Scheduled End	Status
FN001327			2010-09-29T11:00:00	2010-10-01T15:00:25	InReconciliation
FN001327		T102	2010-09-29T11:00:00	2010-09-30T16:00:00	InReconciliation
FN001327	T101		2010-09-29T11:00:00	2010-09-30T16:00:00	InReconciliation
FN001327		T103	2010-09-29T11:00:00	2010-09-30T16:00:00	InReconciliation

Logged Information:

< All Types >

Start Time: 01-Oct-10 00:00 End Time: 01-Nov-10 00:00 Default...

Attribute	NoOp 01-Oct-10 15:03	TaskOpenLog 01-Oct-10 15:03	TaskSnapshotLog 01-Oct-10 15:03	TaskCompleteLog 01-Oct-10 15:03
AdditiveDelivered				
AdditiveDeliveredUOM				
AdditiveDelRatio				
AdditiveDelRatioUOM				
AdditiveIdentification				
AdditiveScenarioCode				
DstVol				
EndTime		2010-09-29T11:00:00	2010-09-30T00:00:00	2010-09-30T16:00:00
NetMassWAT				
NetVolumeWAT				
SrcVol				
StartTime		2010-09-29T11:00:00	2010-09-30T00:00:00	2010-09-30T16:00:00
LogTime	2010-10-01T15:03:00			

The data available from the historian at the configured **Log Time** for **Task Start** and **Task Stop** times is used as the source of the log data. The status of the order, work item and end points is set to InReconciliation.

Notes:

A task and sequences are not created when the work item is released. The work item is never handed over to the task handling processes.

Only data that can be collected from the historian is added to the logs. (Data that would normally be collected from the real-time system (i.e. from RTDR) will not be added to the Open or Completed Logs.) Real-time data cannot be displayed in this case. If this data is needed, then it must be historized.

As Log Started orders, the Open or Completed Log timestamps that appear in the Logged Information column header in the Order History display, show the date and time that the log was generated. They are not the start or stop time for the movement (that occurred in the past).

The **Scheduled Start** and **Scheduled End** dates and times for the order, work item and end points in the Planning Information table are set to the configured **Log Time**, **Task Start** and **Task Stop** dates and times (in the past). The only exception is the **Scheduled End** date and time for the order. As always this shows the date and time that the order was created.

6. Close the order as usual.

ATTENTION: If you need to create multiple orders that started and stopped in the past, they must be entered in chronological order (with the order that started earliest entered first, and so on). This is necessary to ensure that end point sharing and volume information is determined correctly.

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Honeywell Workforce Competency

SMTP Support Added Alongside SendGrid

Honeywell Connected Workforce Competency is a cloud-deployed, simulation-based, and scalable solution designed to deliver comprehensive process training for operations personnel. It enables trainees to gain both knowledge and hands-on experience in executing, analyzing, and making decisions—anytime, anywhere, with expert mentoring.

With the release of **version R1.0.3**, a key enhancement has been introduced to improve email communication flexibility within the platform.

What's New in Release R1.0.3?

The application now supports **SMTP (Simple Mail Transfer Protocol)** in addition to **SendGrid** for email transmission. This update gives customers the flexibility to choose their preferred email service provider or even configure their own SMTP server.

Understanding SMTP and SendGrid:

- **SMTP** is the core protocol used for sending emails across the internet. It defines how messages are transmitted between mail servers.
- **SendGrid** is a cloud-based email delivery service that uses SMTP under the hood but also provides advanced features such as analytics, templates, and delivery optimization.

Why Add SMTP Support?

Supporting SMTP alongside SendGrid offers several benefits:

- **Cost Efficiency:** Customers can deploy their own SMTP Exchange servers, avoiding licensing fees from third-party providers.
- **Greater Control:** Self-hosted SMTP servers allow for more granular control over email delivery, security, and compliance.
- **Flexibility:** Customers are no longer tied to a single provider.

Configuration Requirements

To enable SMTP support, customers must:

6. **Deploy an SMTP Exchange Server.**
7. **Configure the SMTP server's IP address** in the application settings.
8. **Ensure the SMTP port is open** on the firewall to allow email traffic.
9. **Set the feature flag** in the environment variables during deployment to activate SMTP support.

Note: SMTP configuration is handled during tenant creation by Honeywell. Users will not see an option to select SMTP within the application UI.

Is there any impact on the existing Cloud System?

There is **no change** to the default configuration. **SendGrid remains the default email service provider** in the application. This update simply introduces **SMTP as an additional option**, giving customers who wish to install on their own private cloud the freedom to configure their own email infrastructure if desired.

Conclusion

This enhancement in R1.0.3 empowers customers with more flexibility and control over their email delivery systems. Whether continuing with SendGrid or transitioning to a custom SMTP setup, the application now supports both options seamlessly ensuring reliable communication tailored to each organization's needs.

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Updates available

Honeywell Workforce Competency R530 update

The latest update for Workforce Competency R530 is 530.2.1.0 (released on March 11th, 2025)

2/27/2025 HCPP-29478	Fix for TPS LOGIC block LOENBL with FL1 stuck.
2/27/2025 HCPP-29309	Fixed error in CL toolkit translation by adding logic for "when error" clauses in CL wait statements
2/27/2025 HCPP-27160	If R521.3 installed on PTS and the Yokogawa machines, It throws unwanted alarms and trips (Rebuilt)
2/27/2025 HCPP-29602	Implementation of PRD mode for Yokogawa PID controllers in Master-Slave configuration in OTS
10/2/2025 HCPP-29611	CS3000: IOP is not getting triggered in PID controller
10/2/2025 HCPP-29316	DSMDLL compilation of CS3000 DCS translated output throws errors for CALCU and LC64 blocks
10/2/2025 HCPP-29572	CS3000 translation failed by toolkit in PTS R530
3/02/2025 HCPP-29567	The PTS is creating SNST snapshot and exercise goes freeze though the auto save session state option is disabled in Workforce Competency.
3/02/2025 HCPP-27379	PTS Snapshot does not retain controller modes in CS3000 emulated layer
3/02/2025 HCPP-27338	FUNC-VAR block is not working as intended, Calculated PV (CPV) is not correct
3/02/2025 HCPP-29391	SIO-11 block logic is not working as intended
3/02/2025 HCPP-29362	SM Emulation: The Safety Manager First Out Alarm logic using ANN Type blocks not working in PTS
3/02/2025 HCPP-29390	SIM-SM Adapter and SCADA Adapter availability with ProSim bridge Solution
3/02/2025 HCPP-28944	GE Mark Vie controller version i.e., 06.08.00C Qualification
3/02/2025 HCPP-29388	Enable alarm parameters R/W for FBControlOp
3/02/2025 HCPP-29389	PTS App option to avoid dialog on model close
3/02/2025 HCPP-29226	IFS multi-OTS
1/16/2025 HCPP-29273	Fix for TPS Ratio block to include overall bias in output calculation
1/16/2025 HCPP-29272	Fix for TPS OrSel block CVEUHI/LO parameter should track XEUHI/LO and not downstream SPEUHI/LO.
1/16/2025 HCPP-26222	Save Location for Saving Event is not kept in the specified path when event is modified
1/16/2025 HCPP-29330	Unable to change the role of another domain user in user manager
1/16/2025 HCPP-28899	CEE Adapter: Communication fails from CeeAdapter to EPKS Input blocks with "CDA Error Message: %s: Change Not Permitted
1/16/2025 HCPP-28838	The Cee Adapter Model communication fails with an Error "Problem with SyncWrite of AI's to EPKS server
1/16/2025 HCPP-29400	The SIM SM Adapter snapshot files should be included in the Export Snapshot feature in PTS.
1/16/2025 HCPP-29146	The Cee Adapter Model communication fails with an Error "Problem with SyncWrite of AI's to EPKS server"
1/16/2025 HCPP-28923	BCAS mode related to SIM2 gcb, Shape(s) and Faceplate(s) in WFC R521.4
1/16/2025 HCPP-28736	Generic framework adapter does not read the DCS values after loading snapshot
1/16/2025 HCPP-28645	RQUP-04554271 CS3000 Toolkit: network card I/O to be supported
1/16/2025 HCPP-27763	CPV tracking downstream Value disabled when OTRK=low
1/16/2025 HCPP-27419	Rockwell API thread startup logic that can result in thread hangs which freezes the RSLogixSimServer
1/16/2025 HCPP-27378	TRB: DeltaV Toolkit is not processing double quotations correctly; therefore, it continues to read in the entire file causing an out of memory error.
1/16/2025 HCPP-27351	PIDALL_CCS block is ramping its PV to SH value when it is changed from MAN to AUT mode
1/16/2025 HCPP-26679	Exatiff synchronization message when a snapshot takes long to load.
1/16/2025 HCPP-29305	SM Emulation: The Safety Manager First Out Alarm logic using ANN Type blocks not working in PTS
1/16/2025 HCPP-27758	TRB: CCC adapter is not writing the StepSize parameter on the CCC Emulator
1/16/2025 HCPP-27372	TRB: DeltaV Step timing out too soon.

Honeywell Workforce Competency R521 update

The latest update for Workforce Competency R521 is R521.5.1.0 (released on September 9th, 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"

Honeywell Workforce Competency R520 update

The latest update for Workforce Competency R520 is 520.3.3.0 (released on February 7th, 2025)

01/09/25 HCPP-29330	Unable to change the role of another domain user in user manager
09/20/24 HCPP-28838	The Cee Adapter Model communication fails with an Error "Problem with SyncWrite of AI's to EPKS server"
09/20/24 HCPP-28899	CEE Adapter: Communication fails from CeeAdapter to EPKS Input blocks with "CDA Error Message: %s: Change Not Permitted"
09/20/24 HCPP-26875	SM CDA points in alarm do not show in the Station's alarm display.

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

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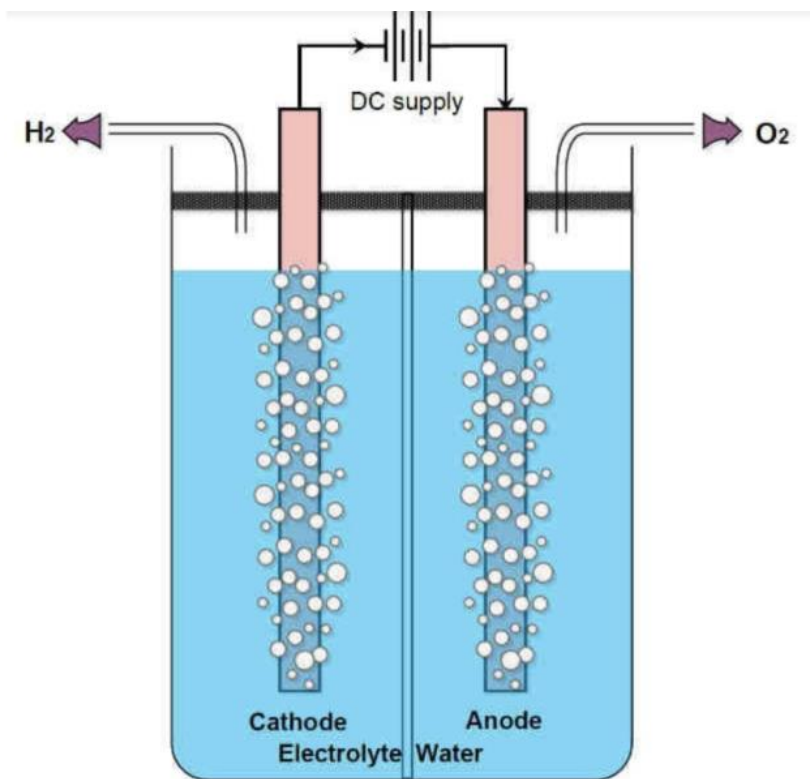
UniSim Design – Electrolyzer Capability

This article describes electrolyzer module features and its usability in UniSim Design.

The electrolyzer is an apparatus that produces hydrogen through a chemical process (electrolysis) capable of separating the hydrogen and oxygen molecules of which water is composed using electricity.

In contrast to all other methods of hydrogen production, the electrolyzer is the only commercially available technology that can produce high-purity hydrogen without the involvement of hydrocarbon feed or carbon emissions.

Typically, an electrolysis system consists of a water container containing an electrolyte and two electrodes: a cathode (negative pole) and an anode (positive pole). A chemical reaction occurs on both sides of the electrolyte by directing an electric current to both electrodes. Hydrogen is released on the cathode side and oxygen on the anode side.



Types of Electrolyzers

UniSim Design supports modeling of the two best-known electrolyzers for hydrogen, the **Alkaline Electrolyzer (AEL)** and the **Proton Exchange Membrane (PEM) Electrolyzer**

The Alkaline Electrolyzer (AEL)

A alkaline electrolyzer uses liquid electrolyte solution and water. The water in this electrolyte is split into hydrogen and hydroxide ions at the cathode. These ions are then brought into contact with a membrane, after which they are oxidized to water and oxygen at the anode.

Chemical Reactions:

Cathode: $2 \text{H}_2\text{O} + 2\text{e}^- \rightarrow \text{H}_2 + 2 \text{OH}^-$

Anode: $2 \text{OH}^- \rightarrow \frac{1}{2} \text{O}_2 + 2\text{e}^- + \text{H}_2\text{O}$

Total reaction: $\text{H}_2\text{O} \rightarrow \text{H}_2 + \frac{1}{2} \text{O}_2$

UniSim Design supports only NaOH and KOH as electrolytes for AEL.

The Proton Exchange Membrane Electrolyzer (PEM)

A PEM electrolyzer uses a polymer membrane that allows only hydrogen ions to pass through. The water is split into oxygen, hydrogen ions and two electrons at the anode. The hydrogen ions and the two electrons then pass through the membrane and are converted to hydrogen at the cathode.

Chemical Reactions:

Anode: $\text{H}_2\text{O} \rightarrow \text{H}_2 + \frac{1}{2} \text{O}_2 + 2\text{e}^-$

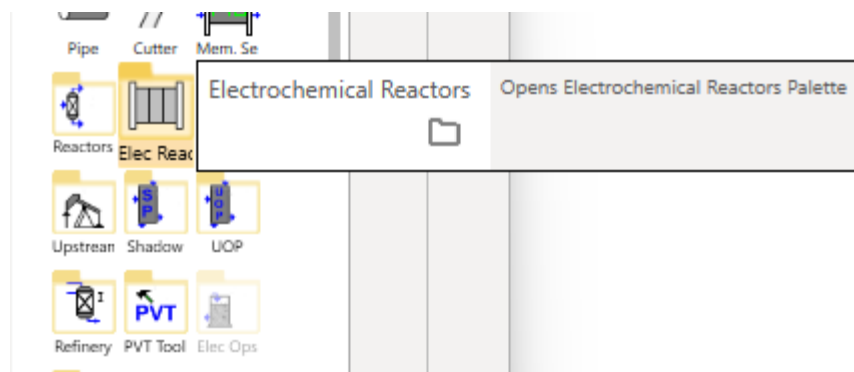
Cathode: $2\text{H}^+ + 2\text{e}^- \rightarrow \text{H}_2$

PEM electrolyzers are the most popular because they produce high-purity hydrogen. They are best suited to match the variability of renewable energies and are compact. On the other hand, they are somewhat more expensive because they use precious metals as catalysts.

How to configure an Electrolyzer in UniSim Design?

UniSim Design supports modeling of AEL and PEM Electrolyzers in both steady state and dynamics.

To add an electrolyzer, open the Object Palette and select the Electrochemical Reactors sub-palette:

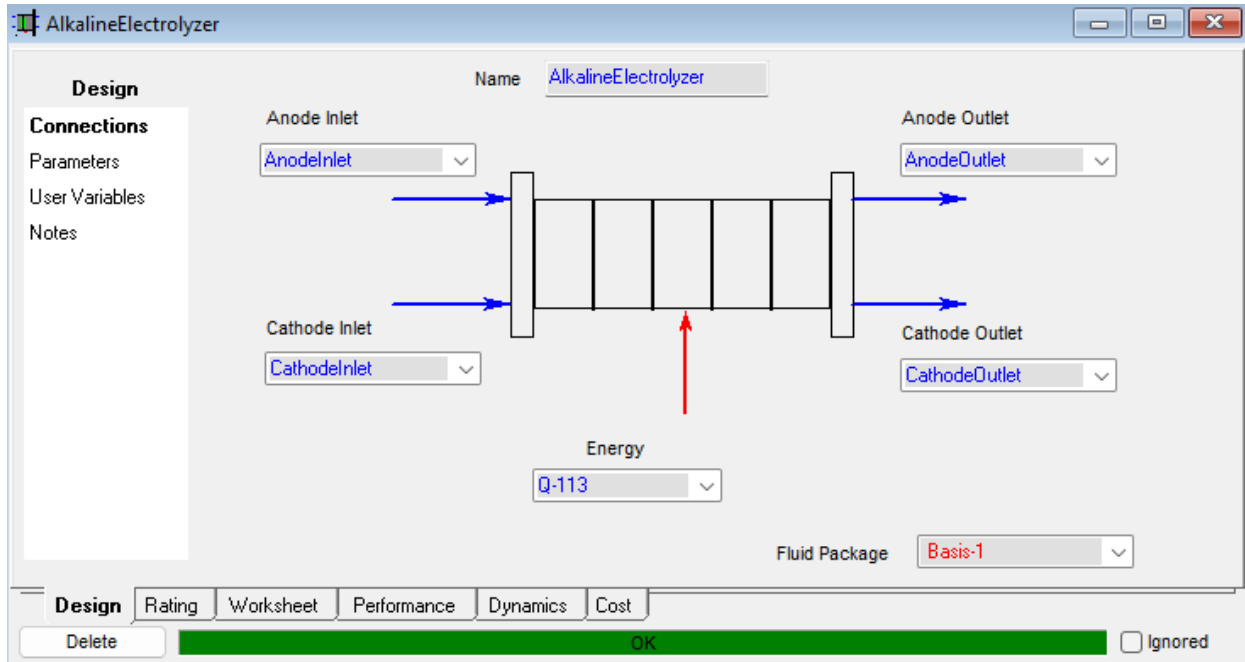


The required inputs are similar for both types of electrolyzer.

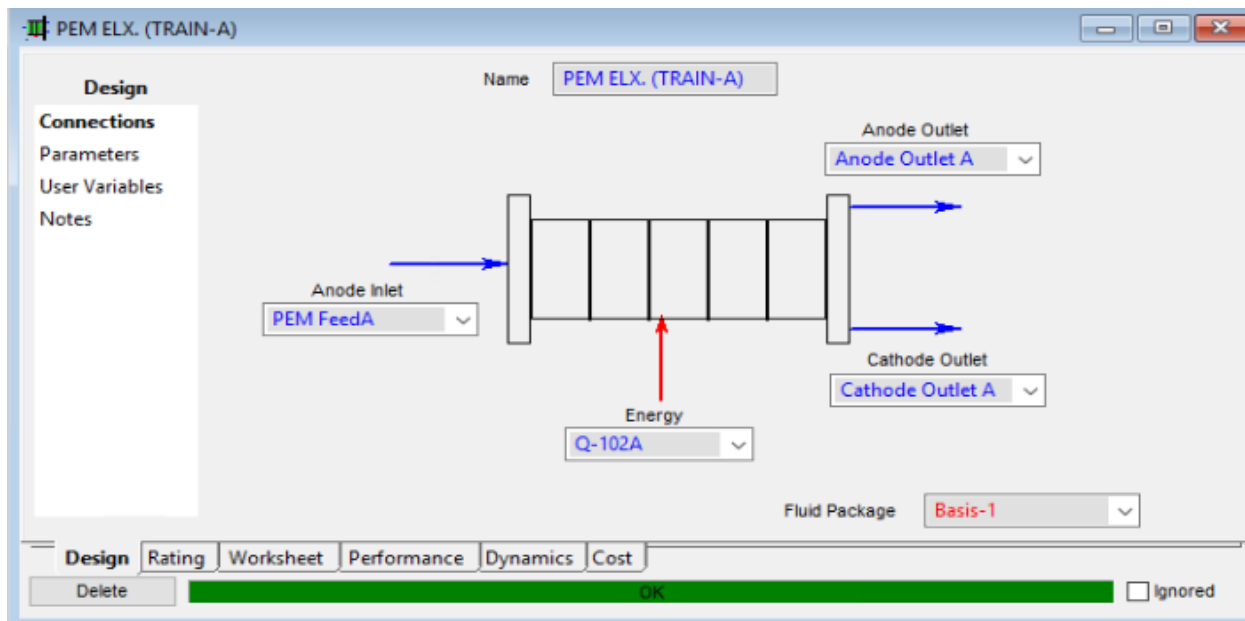
Design tab

The **Connections** page is used to configure the anode and cathode side input and output streams along with energy streams:

AEL:



PEM:



The **Parameters** page is used to specify the pressures at the anode and cathode.

Specifying the AEL Electrolyzer

For AEL electrolyzer, users can specify either current or anode / cathode current density or stack power. UniSim Design back calculates the other parameters based on user input.

1. Specify input current - UniSim Design calculates anode and cathode current densities, stack temperature, operating voltage per cell, stack power and stack voltage.
2. Specify either anode or cathode electrode current density - UniSim Design calculates current, another electrode current density which is not specified, stack temperature, operating voltage per cell, stack voltage and stack power.

3. Specify stack power - UniSim Design calculates input current, anode and cathode current densities, stack operating temperature, voltage per cell and overall stack voltage

Alkaline Electrolyzer

Design

Connections
Parameters
User Variables
Notes

Pressure

Anode Pressure [kPa]	110.0
Cathode Pressure [kPa]	200.0

Stack Number

1.000

Current

Current [A]	32.00
Anode Current Density [$\mu\text{A}/\text{cm}^2$]	106667
Cathode Current Density [$\mu\text{A}/\text{cm}^2$]	106667
Faraday Efficiency [%]	79.25

Stack

Stack Power [kW]	4.207
Stack Voltage [V]	131.5
Number of Cells	85.00
Stack Temperature [C]	84.90

Design | Rating | Worksheet | Performance | Dynamics | Cost

Delete OK Ignored

Specifying the PEM Electrolyzer

For the PEM Electrolyzer, the user must specify Faraday Efficiency and the Number of Cells present in the electrolyzer stack.

1. Specify input current / current density and efficiency - UniSim Design calculates cell temperature, stack power and stack voltage.
2. Specify stack power and efficiency - UniSim Design calculates input current / current density, stack voltage and cell temperature.

PEM ELX (TRAIN-A)

Design

Connections
Parameters
User Variables
Notes

Pressure

Cathode Pressure [kPa]	4100
Anode Pressure [kPa]	101.0
Delta P [kPa]	3999

Number Of Stacks

5.000

Current

Current [A]	3707
Current Density [$\mu\text{A}/\text{cm}^2$]	296583
Faraday Efficiency [%]	98.80

Stack

Power [kW]	1000
Stack Voltage [V]	269.7
Number of Cells	129.0
Temperature [C]	75.00

Design | Rating | Worksheet | Performance | Dynamics | Cost

Delete OK Ignored

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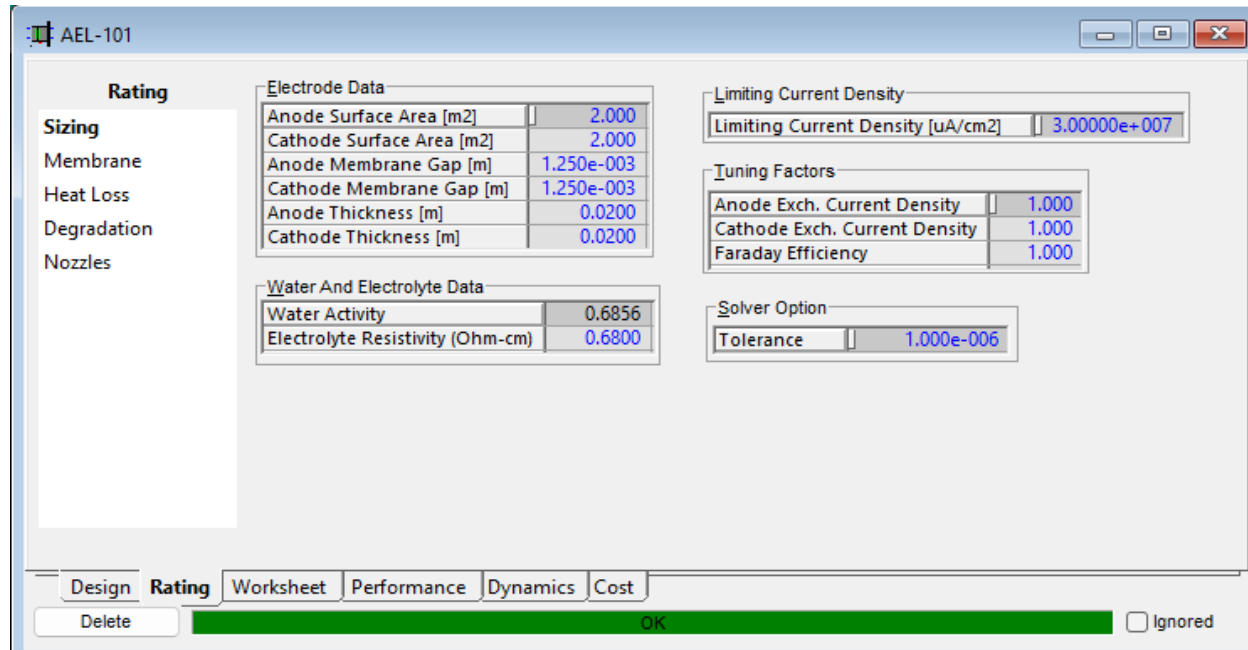
Rating tab

The **Sizing** page is used to specify electrode, membrane, current densities and tuning factors.

The Electrode Data section is used to specify electrode and membrane geometry and properties respectively. The Water And Electrolyte Data section consists of the Water Activity, which is a calculated and the Electrolyte Resistivity which is a user specification. Limiting Current Density must be specified by the user whilst current densities and charge transfer coefficients are calculated.

Electrode data, membrane data, electrolyte resistivity and limiting current density are given default values, but these can be changed by the user as required.

AEL:



AEL-101

Rating

Sizing

Membrane

Heat Loss

Degradation

Nozzles

Electrode Data

Anode Surface Area [m2]	2.000
Cathode Surface Area [m2]	2.000
Anode Membrane Gap [m]	1.250e-003
Cathode Membrane Gap [m]	1.250e-003
Anode Thickness [m]	0.0200
Cathode Thickness [m]	0.0200

Water And Electrolyte Data

Water Activity	0.6856
Electrolyte Resistivity (Ohm-cm)	0.6800

Limiting Current Density

Limiting Current Density [uA/cm2]	3.00000e+007
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Tuning Factors

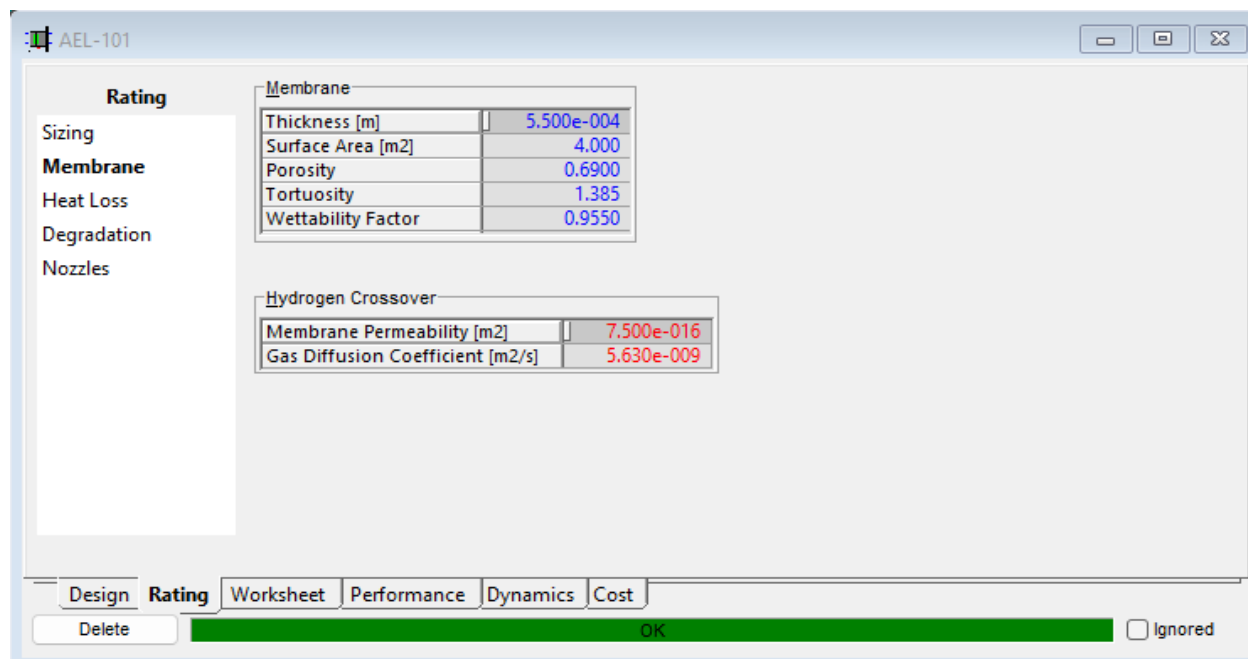
Anode Exch. Current Density	1.000
Cathode Exch. Current Density	1.000
Faraday Efficiency	1.000

Solver Option

Tolerance	1.000e-006
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Design **Rating** Worksheet Performance Dynamics Cost

Delete OK Ignored



AEL-101

Rating

Sizing

Membrane

Heat Loss

Degradation

Nozzles

Membrane

Thickness [m]	5.500e-004
Surface Area [m2]	4.000
Porosity	0.6900
Tortuosity	1.385
Wettability Factor	0.9550

Hydrogen Crossover

Membrane Permeability [m2]	7.500e-016
Gas Diffusion Coefficient [m2/s]	5.630e-009

Design **Rating** Worksheet Performance Dynamics Cost

Delete OK Ignored

PEM:

PEM ELX. (TRAIN-A)

Rating

Sizing
Heat Loss
Degradation
Nozzles

Membrane

Membrane Dry Mass (kg/mol)	1.100
Membrane Thickness [m]	2.150e-004
Membrane Equivalent Area [m2]	1.250
Membrane Density [kg/m3]	2000

Water Transport

Anode Water Activity	1.000
Cathode Water Activity	12.00
Binary Diffusion Coeff [m2/s]	1.280e-010
K Darcy [m2]	1.580e-018

Electrode

Anode Charge Transfer Coeff	2.000
Cathode Charge Transfer Coeff	0.5000
Anode Exchange Current Density [uA/cm2]	0.000500
Cathode Exchange Current Density [uA/cm2]	5.00000
Electrode Resistance [Ohm]	7.000e-005
Current Density [uA/cm2]	296591
Limiting Current Density [uA/cm2]	3.75000e+006

Solver Options

Tolerance	1.000e-006
-----------	------------

Design **Rating** Worksheet Performance Dynamics Cost

Delete OK Ignored

The **Degradation** page allows users to estimate degradation of electrolyzer over a required period of operation. Rated Power, Rated Current and Degradation Percent Per Year are user specified variables. In Steady State, the user must also specify the Run Length (total number of hours the electrolyzer is in operation). Once the Enable Degradation check box is active, the degradation resistance is calculated based on the specified inputs.

In Dynamics, the Run Length is taken directly from the simulation run time and cannot be specified by the user.

PEM ELX. (TRAIN-A)

Rating

Sizing
Heat Loss
Degradation
Nozzles

Degradation

☒ Enable Degradation

Rated Power [kW]	1000
Rated Current [A]	500.0
Degradation [%/yr]	1.00
Run Length Completed [Hours]	0.00

Degradation Results

Rated Resistance [Ohm]	4.000
Degradation Resistance [Ohm]	0.0000

Design **Rating** Worksheet Performance Dynamics Cost

Delete OK Ignored

The **Performance** page provides information on the calculated parameters, including overpotentials, cell Temperature and Heat Loss. Also, it gives Total Power, Total Hydrogen Produced and Total Heat Loss.

PEM:

PEM ELX. (TRAIN-A)	
Performance	
Details	
Cell	
Cell Potential Open Circuit [V]	1.289
Cell Activation Overpotential [V]	0.5074
Ohmic Overpotential [V]	0.2937
Concentration Overpotential [V]	6.181e-004
Total Voltage Per Cell [V]	2.091
Anode Activation Overpotential [V]	0.1567
Cathode Activation Overpotential [V]	0.3506
Stack	
Temperature [C]	75.08
Heat Loss [kJ/h]	750.2
Plant	
Total Power [kW]	5000
Total Heat Loss [kJ/h]	3751
Total Hydrogen Produced [kg/h]	88.14

In addition, for the AEL electrolyzer, Effective H2 Diffusion, Hydrogen Cross Glow and Hydrogen to Oxygen % by moles will be shown.

AEL:

AEL-101	
Performance	
Cell	
Stack	
Stack	
Temperature [C]	80.02
Heat Loss [kW]	2.292
HTO Diffusion Flow	
Hydrogen To Oxygen [%]	0.00095
Hydrogen Cross Flow [kgmole/h]	1.029e-004
Effective H2 Diffusion [m2/s]	2.805e-009
Plant Data	
Total Power [kW]	2100
Total Heat Loss [kW]	2.292
Total H2 Produced [kg/h]	43.66
<div> <div>Design</div> <div>Rating</div> <div>Worksheet</div> <div>Performance</div> <div>Dynamics</div> <div>Cost</div> </div>	
<div> <div>Delete</div> <div>OK</div> <div>Ignored</div> </div>	

Dynamics Tab

The **Specs** page is used to configure the dynamic specifications and parameters. The user can set the Dynamic Operating Mode as either Current Spec or Power Spec. Current spec means the current is the specified variable, whilst Power spec means heat flow is specified in the electrolyzer energy stream.

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The resistance to the flow is based on the cell geometry parameters (anode surface area and cathode surface area) specified by the user on the **Rating** tab. Pressure-Flow resistances k1 and k2 are calculated from the specified pressure-flow tuning factors according to:

$$k1 = k2 = PF \text{ TuningFactor} * \text{Anode (or) Cathode surface area}$$

Anode and Cathode cell volumes indicate the volume occupied by the fluid on the respective sides:

AEL-101

Dynamics

Specs
Holdup
Strip Chart

Parameters

Dynamic Operating Mode

☐ Current Spec
☒ Power Spec

Pressure Flow Tuning Factors

Anode Flow Tuning Factor 0.0100

Cathode Flow Tuning Factor 0.0100

Cell Volume

Anode Segment [m3]	3.500e-004
Cathode Segment [m3]	3.500e-004

Design Rating Worksheet Performance **Dynamics** Cost

Delete OK Ignored

Article submitted by Irina Florea, UniSim Design Suite Global Support Team

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Honeywell Forge Alarm Management

Alarm Configuration Manager (ACM) End of Life Extension

After careful analysis, we have decided to extend support for ACM by 12 months. With this extension, ACM **Phased-Out Support** will begin **December 31, 2026**. All support ends **December 31, 2027**.

This decision is aimed at helping customers successfully migrate from ACM to APO by December 31, 2027.

Important Dates:

- **December 31, 2025: End of Sale**
- **December 31, 2026: Beginning of Phased-Out Support**
- **December 31, 2027: End of Support**

Key Terms:

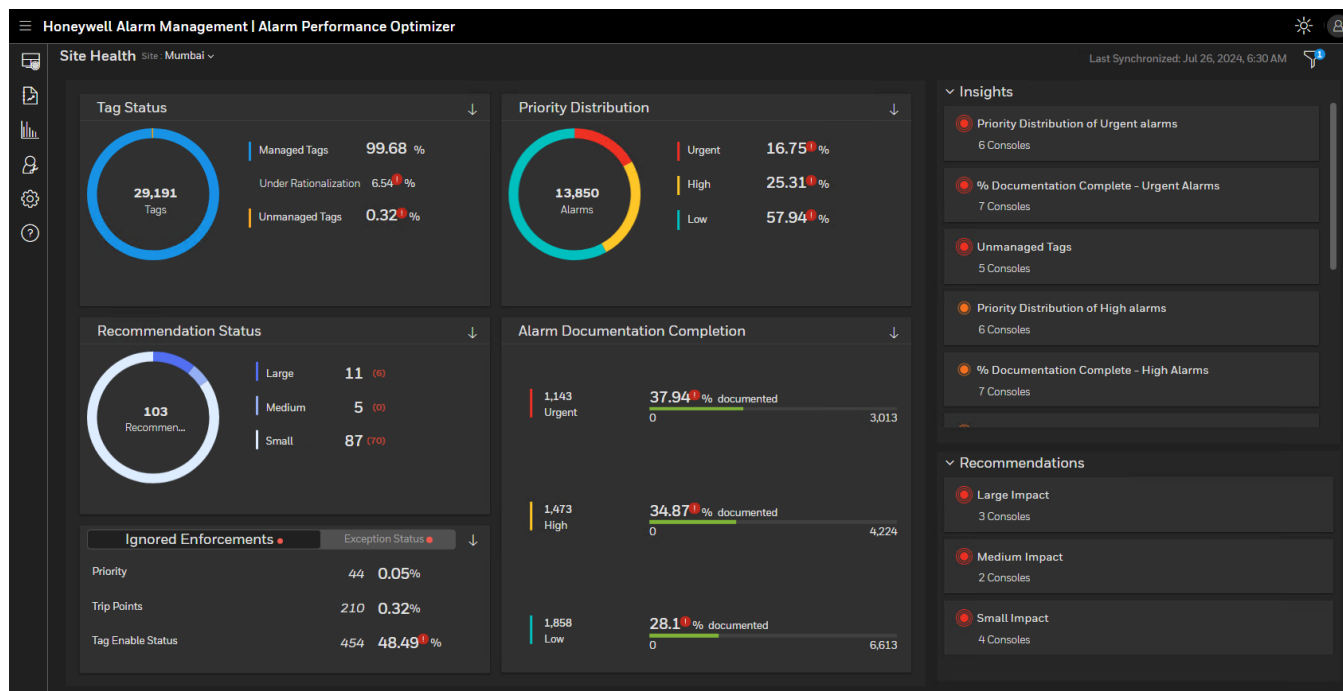
- **End of Sale:** No new ACM sales will be made from this point
- **Phased-Out Support:** Limited TAC Support, commercially reasonable effort support, No new enhancements will be made to the product
- **End of Support:** No TAC Support, No defect fixes, No development

If you have any questions, please contact your Honeywell Aftermarket Services Manager.

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Honeywell Alarm Management | Alarm Performance Optimizer R3.0.0

Due in August 2025, Honeywell Alarm Management | Alarm Performance Optimizer R3.0.0 will be released. This release includes the option to migrate from the legacy Alarm Configuration Manager R321.



New features include:

- **ACM – APO Migration:**
 - Seamless migration from ACM to APO with built-in validation and flexibility
 - Three-phase migration: Pre-migration, Migration, Post-migration
 - Pre-migration: Configure essential components and secure the site environment
 - Migration: Validate, map, and migrate data with utility tools
 - Post-migration: Conduct reviews and ensure data integrity with validation tools
- **Constraints:**
 - APO allows users to create constraints and associate them with variables
 - Alarm limits are validated against constraint values during proposed changes
 - Error triggered if proposed alarm limit exceeds the constraint, preventing the change
- **Offline Rationalization:**
 - Allows updates to multiple alarm-related variables outside APO Web UI using Excel.
 - Export data with filters, edit or add entries in Excel, then import back.
 - System processes changes, updates valid records, unlocks modified alarms, flags invalid entries.
 - Detailed import/export status and error logs provided.
- **Tag Suspend/Resume:**
 - Allows temporary suspension of tag enforcement from APO to DCS during planned maintenance.
 - Prevents unwanted overwrites during known data changes.
 - Enforcement can be paused for a defined time window.
 - Enforcement is automatically or manually resumed after the activity or the scheduled period.

- DeltaV DCS:
 - APO now supports DeltaV Control System integration.
 - Enables import and synchronization of tags and alarm properties from DeltaV systems into APO.
 - Modification and rationalization of tag and alarm properties within APO.
 - Management of the MOC process for tag approval and release.
 - Generation of exception reports to track differences between the DCS and the master alarm database.
- Mode-Based Enforcement - AMS_Proxy
 - Mode-Based Enforcement using AMS_Proxy allows automatic mode changes without manual action.
 - It is triggered from the DCS Server using command-line parameters.
 - AMS_Proxy must be installed on a server within the same domain as the APO Site with .NET Framework 4.8.
 - Once configured, it connects to the APO Site and enforces the defined mode on specified assets and consoles.

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Honeywell Alarm Management (HAM) Product Family Consolidation in Process.Honeywell.com

Overview

We have now completed the consolidation of legacy Alarm Management product families and their respective products into the current product family name, **Honeywell Alarm Mgmt**. This change affects the following supported products:

Legacy Product Family Name	Product Name
AAM - Alarm Management	Alarm Configuration Manager
DynAMo	DynAMo Metrics & Reporting
DynAMo	UserAlert
Honeywell Forge Alarm Management	Alarm Performance Optimizer
Honeywell Forge Alarm Management	Honeywell Forge Alarm Management – Reporting
Honeywell Forge Alarm Management	Honeywell Forge Process Safety Analyzer

Knowledge Article Search Impact

When searching knowledge articles please filter on **Honeywell Alarm Mgmt** Product Family to limit the results to all alarm management products:

Submit Technical Support Request Impact

When raising a Technical Support Request (SR) please use the Product Family **Honeywell Alarm Mgmt** so that all alarm management products will be listed under the Product field:

Submit Technical Support Request

For critical cases, you must call 1-800-822-7673

01 CUSTOMER & SUPPORT INFO / 02 PRODUCT INFO & SYSTEMS

* Product Family ⓘ

Honeywell Alarm Mgmt

Model Number ⓘ

Model Number

* Symptom ⓘ

Symptom

* Remote Connection Availability ⓘ

* Product ⓘ

Product

|

DynAMo Metrics & Reporting R210.1

DynAMo Metrics & Reporting R202.1

DynAMo Metrics & Reporting R201.1

DynAMo Metrics & Reporting R200.2

Customer Reference ⓘ

Alarm Management Product Support Update

- **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 2026

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REMINDER! Experion upgrade to R520/530 causes HAM-Reporting (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 (M&R) or HAM Reporting (HAM-R) installations. This migration can introduce extra (and invalid) Tagnames, potentially affecting the licensed tag-count limit. 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 HAM-Documentation/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.**

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Knowledge Articles: Summary of Articles – 2025

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 Alarm Management | Reporting R2.2.0 – R2.3.0
- Honeywell Alarm Management | Documentation / DynAMo Documentation & Enforcement (ACM R321.12)
- Honeywell Alarm Management | Alarm Performance Optimizer R1.0.0 – R2.0.0
- Honeywell Alarm Management | Process Safety Analyzer R201.x – R2.2.0

Article Number	Products	Title	Summary
000191931	Alarm Configuration Manager R321	ACM Tag Synchronization task fails to start	ACM Tag Synchronization task fails to start with error "The operator or administrator has refused the request. (0x800710E0)".
000192933	Alarm Configuration Manager R321	ACM-Experion script engine fails	Experion script engine fails when ENFMSG(x) points are not valid. Error message "scpeng.exe:\$RCSfile\$:line\$ Can't get point number for point >ACMMSG(5)".
000193646	Alarm Configuration Manager R321	ACM MBD Creation Error with SQL 2022 version.	ACM MBD Exe is not connecting to the SQL2022 Server, this exe was taken from ACM R321.12.7. Error message "Test connection to database failed" during the installation with the Database Configuration Wizard.
000194128	Alarm Configuration manager R321	Configuring Alarm Help Router Connection error - "Unable to Cast COM object of type 'system.__ComObject' to interface type 'ACMVT.Vychelper'."	After configuring Alarm Help Router from Level 3 Server, while performing 'Test Connection Direct' option the following error is shown: " Unable to Cast COM object of type 'system.__ComObject' to interface type 'ACMVT.Vychelper'."
000194450	Alarm configuration Manager R321	ACM Alarm help support cannot be configured for Experion systems when the ACM server name exceeds 16 characters in length.	Experion Station's alarm help configuration restricts the ACM Server Name field to a maximum of 16 characters. Non-default port configuration is not supported when the server name uses 15 or more characters.
000194560	Alarm Configuration Manager R321	"Error getting tag info. The given point type is not supported" while adding tags in ACM from OPC-Settings.txt file	Some tags in the file-based Generic DCS control system are not getting added in ACM and are giving the following error message. "Error getting tag info. The given point type is not supported". The tags are present in the OPC-Settings.txt file.
000194607	Alarm Configuration Manager R321	Unable to Move HPM AI Entities to Proposed State in ACM : "Unable to move the variable entity to Proposed state: Automation error"	The issue involves HPM AI tags that cannot be moved to the Proposed state, triggering an automation error. Re-adding tags already deleted results in error "Tag xxxxx not added. Tag does not exist". Calling up the point detail from the EAS where ACM is ins
000191777	Alarm Configuration Manager R321 Alarm Performance Optimizer R1 Alarm Performance Optimizer R1.1.0 Alarm Performance Optimizer R2.0.0 DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Honeywell Forge Alarm Management – Reporting R2	What are the current SQL server versions and their 'Release to Manufacturing' version?	When SQL server database will not restore how do you find out what SQL server version you require to restore the back up
000192267	Alarm Configuration Manager R321 Alarm Performance Optimizer R1.1.0	The APO functionality is consistently becoming unresponsive	Summary : APO functionality is repeatedly getting stuck and requiring restarts of the APO Transfer Service
000192264	Alarm Configuration Manager R321 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 UserAlert R321	What are the Windows Operating Systems used in the latest versions of Experion PKS?	List all the Windows Operating Systems for the latest Experion R5xx point releases to ensure ACM, APO and HAM-R servers and clients are configured correctly
000192695	Alarm Performance Optimizer R2.0.0	Procedure to update self-signed to CA certificate in APO 2.0.0	Need a procedure to update APO 2.0.0 servers with customer provided CA certificates by replacing SSL certificates implemented during project commissioning phase.
000194622	Alarm Performance Optimizer R2.0.0	"Error getting Alarm help" when calling the Alarm Help details from the Experion Station connected to APO 2.0.0	Alarm tags are configured in Site APO 2.0 consoles and the tags are released. The more detail page for the tag is visible directly in the Alarm Help Web UI provided in Site APO under the Alarm Configuration window. However, when calling the Alarm Help det
000191810	DynAMo Metrics & Reporting R202.1	ODBC Streamer Fails when Connecting to Foxboro	All the necessary and accurate parameters have been entered on the ODBC Streamer Connection Details page. However, when clicking the Test Connection button on the Connection Details screen, the window closes unexpectedly. Error message in system event lo
000192437	DynAMo Metrics & Reporting R202.1	Failed to connect to the server error upon launching Collector UI	DynAMo Metrics and Reporting (M&R) R202 HF7 is installed freshly on a Windows 2019 Server. After Installation, the Collector UI was opened for configuration. The following Error: "Failed to connect to the server. Please contact Administrator" was

Article Number	Products	Title	Summary
000193776	DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Honeywell Alarm Management - Reporting R2.3.0 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	How do we ensure that tags can be moved from one Experion Server to another without causing an issue with alarm management software?	Procedure to ensure alarm suppression is dealt with correctly when moving tags from one Experion server to another
000194610	DynAMo Metrics & Reporting R202.1 DynAMo Metrics & Reporting R210.1 Honeywell Alarm Management - Reporting R2.3.0 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	Correction of Timestamp for Dynarchive Events to Handle Daylight Savings	The issue involves incorrect timestamps for archived events due to Daylight Savings adjustments not being applied during migration. The solution includes using a script to correct timestamps and performing a full cache generation.
000191842	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	Complete cache regeneration very slow	Complete cache regeneration is taking over 48 hours to complete due to a very large database with only 32GB of system memory on the SQL Server
000192047	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 install Experion RDM and ODBC Client without using full ESIS	Setting up the Honeywell Reporting Collector requires installation of Experion Redirection Manager and/or Experion ODBC Client when connecting to Experion systems. Utilizing the full ESIS package may not be practical because of its significant size and th
000192299	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	HAM-R Activate License issue using license activation utility	Using the License Activation Utility produces "Error – Object not set to an instance of an object" and finally the error "Unable to read config.xml : Could not find file C:\Program Files (x86)\Honeywell\License Activation Utility\W
000193518	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	Dynamo collector not updating with new data - ERROR [08004] [Honeywell][ODBC Driver][ISAM]Host is not primary	The Dynamo collector is not updating with new data due to an ODBC connection error. Collector log file show the error "ERROR [08004] [Honeywell][ODBC Driver][ISAM]Host is not primary".
000194110	Honeywell Alarm Management - Reporting R2.3.0	HAM R R2.3.0 Post Install Steps	Post install steps that need to be conducted after a fresh install or upgrade to HAM R R2.3.0
000193999	Honeywell Alarm Management - Reporting R2.3.0 Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	How to test the DynAMo's API utility to export KPI data	What is the procedure for testing the DynAMo's API utility used to export KPI data?
000193115	Honeywell Forge Alarm Management – Reporting R2.2.0 Honeywell Forge Alarm Management – Reporting R2.2.1	M&R R220 web server installation failing at core environment step	M&R R220 web server installation failing at core environment step. This is a three-box https setup with web server on box-1, app server +archiver on box-2 and DB server on box-3.
000192446	Honeywell Forge Alarm Management – Reporting R2.2.1	HAM-R Reports Not Refreshing	Summary : After installing January MS patches, the filter buttons on HFAM do not work
000192786	Honeywell Forge Alarm Management – Reporting R2.2.1	Not able to create/save Event Store	This is a 4 server setup, installation was successful but event store is not able to save.
000192892	Honeywell Forge Alarm Management – Reporting R2.2.1	The Overall Average line is missing in the Average Alarm Rate widget after upgrade to HAM R221	Incorrect Average Alarm Rate (Hour) graph after HFAM 2.2.1 HF3 upgrade. HAM-Reporting was upgraded from R220 to R221.After a successful upgrade the Average Alarm Rate (Hour) the Overall Average line graph is missing. The widget has only the threshold li
000193587	Honeywell Forge Alarm Management – Reporting R2.2.1	Access denied error is triggered when Archiver panel is invoked on Standalone Archiver server	Site has 3 server architecture as follows: one DB server, one server that hosts only the Archiver component – and a 3rd one with Core Web and App. The servers were upgraded from R210 to R2.2.0 without any errors during the setup. Manually imported the
000194484	Honeywell Forge Alarm Management – Reporting R2.2.1	Continuous errors in Health Monitoring Service logs	Errors in monitoring-svc-log in HAM Reporting R2.2.1 HF3
000194326	Honeywell Forge Process Safety Analyzer R2.1.0 Honeywell Forge Process Safety Analyzer R2.1.1 Honeywell Process Safety Analyzer R2.2.0	If M&R is down for a day, will PSA be able to recover the data? Similarly, if PSA is down for a day, will it be able to retrieve the data from M&R?	If either PSA or M&R has a day's down time will PSA recover the information from M&R.
000193986	Honeywell Forge Process Safety Analyzer R2.1.1	PSA-SES module analysis is slow, Customer re-process all event in found SDA all events got processed but 80 thousand of safety element got stuck in safetyStateHistory table of PSA db	PSA-SES module analysis is slow, the customer re-processed all event, and it was found that with the SDA all events got processed, except 80 thousand of the safety element events which are were stuck in the 'safetyStateHistory' table of the PSA db. It too
000193988	Honeywell Forge Process Safety Analyzer R2.1.1	How to get data of Process safety Analyzer SES Online view and reports when not showing any data after a certain period of time	Process safety Analyzer SES Online view and reports not showing any data after 10th Oct 2024
000194021	Honeywell Forge Process Safety Analyzer R2.1.1	How to enable location/area in PSA online view filter	Customer wants to filter by Plant name on the PSA SDA View
000194022	Honeywell Forge Process Safety Analyzer R2.1.1	How to resolve the issue when PSA installation fails during core system step	PSA R2.1.1 installation failure during the core system step.

Article Number	Products	Title	Summary
000194023	Honeywell Forge Process Safety Analyzer R2.1.1	How to apply PSA 211 Update 2	How to apply PSA 211 Update 2 on top of PSA 211
000194025	Honeywell Forge Process Safety Analyzer R2.1.1	How to resolve unavailable data for all modules after migrating to PSA R211 SDA from 201.3	After migrating to PSA R211 SDA from 201.3 data is not available for all modules.
000194026	Honeywell Forge Process Safety Analyzer R2.1.1	How to resolve cause delay time issue	Cause Delay Timer configured C&E's - not working as expected when combined with effects having different delay period or Evaluation ID for PSA R2.1.1
000194027	Honeywell Forge Process Safety Analyzer R2.1.1	How to resolve 'STRING_SPLIT' exception in PSAservice.Log files.	After migrating databases from R115 to R211 Update2 an exception appears in the PSAservice.Log file.
000194029	Honeywell Forge Process Safety Analyzer R2.1.1	PSA is not pushing operator/engineer Comments to PSW	PSA/PSW Integration. Operator/Engineer comments are missing from the PSW
000194030	Honeywell Forge Process Safety Analyzer R2.1.1	How to resolve PSA server SES reports not getting generated	PSA server SES reports are not getting generated and produce the following error message "2025-04-17 00:10:15,982 IISServiceManager.PSAAutoStart ERROR [294] Error in PublishShutdowns: System.Exception: Unexpected error type: Syste
000194037	Honeywell Forge Process Safety Analyzer R2.1.1	What is the correct method for deleting entries from the AAM Sheet?	What is the correct method for deleting entries like an asset from the AAM Sheet?
000194164	Honeywell Forge Process Safety Analyzer R2.1.1	PSA_R211_UPDATE2 details and procedure for installation	PSA_R211_UPDATE2 non-cumulative update procedure for installation after applying R2.1.1 update1
000194165	Honeywell Forge Process Safety Analyzer R2.1.1	How to install PSA 2.2.0	How to Upgrade and install PSA 2.2.0
000194045	Honeywell Process Safety Analyzer R2.2.0	After installing PSA 2.2.0 App pool restarts every 30-45 minutes, resulting with cache constantly rebuilding	Cache constantly rebuilds due to the App pool restarting every 30-45 minutes.

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Honeywell Forge Operations Management

Honeywell Operations Management R246.3 (On-Prem offering)

We are pleased to announce that the **Honeywell Operations Management R246.3** has been released in June 2025. This release provides new functionality as well as addressing prior release issues.

New features include:

- A user-friendly **mobile experience** for accessing Logbook Shift reports. Users can effortlessly create, update, and submit their reports. Supervisors, in addition, will have the capability to view and approve reports, as well as navigate through various timelines and assets to review all relevant reports.
- New DAS plugins to expand data connectivity options for both Logbook and Monitoring applications. These plugins enable seamless integration with systems supporting **OPC UA** and facilitate connectivity to PI systems through the **PI Asset Framework (AF)**, enhancing data management and operational efficiency.
- Two new applications as part of our Logbook suite, specifically designed to enhance safety management: **Permit to Work** and **Incident Management**. These applications provide robust tools to streamline safety processes, ensuring compliance and promoting a safer work environment
 - The **Permit to Work (PTW)** application streamlines the creation and management of work permits and their workflows, ensuring adherence to safety protocols through defined stages including request, validation, approval, and completion. By assigning multiple roles within the workflow, it enhances operational safety and transparency, fulfilling regulatory documentation requirements.
 - The **Incident Management (IM)** module supports workplace safety by providing a structured process for documenting and addressing incidents that occur during authorized tasks. It ensures that incidents are reported, reviewed, and resolved, fostering a culture of safety and continuous improvement. This module helps organizations track, resolve, and learn from incidents, thereby enhancing proactive risk management and minimizing the potential for future occurrences.
- **Enhanced Logbook Report Templates:** Introduction of multi-select dropdowns and external source dropdowns in Data Entry Table (DET) and Matrix snippets, along with support for basic calculations using cell references in Matrix snippets.
- **Improved Standing Order Notifications:** Enhanced email notifications now include Plan notes and improved readability for better communication.
- **Shift Handover Workflow Upgrade:** Added functionality to capture and record user signatures directly in shift handover reports for enhanced verification.
- **Monitoring Target Deviation Update:** Ability to recalculate the financial impact of Monitoring Target deviations when factors are modified.

The Software Change Notice (SCN) will be published to Process.Honeywell.com for more information.

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Knowledge Article: Summary of Articles – 2025

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 – R246.3
- Honeywell Forge Operations Monitoring R240.1 – R246.3

Article Number	Products	Title	Summary
000194452	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	License Activation Utility Error "You are not authorized to view the application"	The License Activation Utility webpage is inaccessible after installation attempts. Ensure all prerequisites are met, permissions are correct, License Activation Utility showing Error "You are not authorized to view the application"
000194423	Uniformance Executive R330.1	How to configure a user specific view in UNEX dashboards	This article provides steps to configure the user specific view in UNEX dashboards.
000194419	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	Operation search is not working for submitted PDF reports	Operation search is not working for submitted PDF reports and showing zero results for matching text.
000194418	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	SQL Query not saving Value cannot be null	SQL Query not saving Value cannot be null error while saving the new query from SQL Q configuration page.
000194386	Uniformance KPI R140.1	SSRS reports, exporting to EXCEL or word gives rrRenderingError error - The type initializer for 'MS.Utility.EventTrace' threw an exception	SSRS Report is not getting saved in Excel and Word format
000194377	Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	HOM LR Excel addin installation fails	Limit Repository Excel addin fails with prerequisite check error summary In HOM R246.1.
000193817	Honeywell Forge Operations Management R246.1 Uniformance PHD R430	What to do when a support case is logged with an unrecognized HPS Honeywell product	Customer is looking for Touch Point Plus Wireless documentation
000193506	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2	License error when using Logbook	User is getting error message from license randomly for Honeywell Operations Logbook R246.2.
000193458	Honeywell Forge Operations LogBook R244.1 Honeywell Forge Operations LogBook R245.1 Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2	Special character in Tagcache XML	Unknown aggregation method error can be observed in matrix snippet, tag snippet or Tag Source is invalid error in Limit Repository or Excel client due to special character in tagcache XML in Honeywell Operations Monitoring and Logbook.
000193354	Honeywell Forge Operations Management R246.1	Activated License not working due to multiple ethernet Ports in HOM servers.	License not reflecting in Logbook
000192927	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2	Shift summary report related issues after migrate R242 to R246	HTTP Error 404.0 not found for a submitted report. HOTO submitted report is not saved in PDF path.
000192837	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	License not activated error in HOM R246	License is expired or not activated error is observed after HOM R246 license activation is successful.
000192836	Honeywell Forge Operations LogBook R246.1 Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	"Exceeded allowed" error when activating HOM R246 license	Activate HOM R246 license and receive "exceeded allowed" error.
000192813	Honeywell Forge Operations Monitoring R246.1 Honeywell Forge Operations Monitoring R246.2	Monitoring is lagging many times a day in HOM	Tag monitoring is not processing data and reprocessing data many times a day in Honeywell Operations Monitoring R246.2.
000192749	Honeywell Forge Operations LogBook R245.1 Honeywell Forge Operations Monitoring R245.1	User is unable to use Target Configuration on client machine	User is unable to use Target Configuration page on client machine. The admin user is able to use the Target Configuration page on the web server. On the client machine the page is loaded without target name after the target is selected.
000192627	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.2	Asset exist in scope but not in Plant Hierarchy or Asset Configuration pages	There are assets observed in the Scope page but not in Plant Hierarchy or Asset Configuration pages.

Article Number	Products	Title	Summary
000192265	Honeywell Forge Operations LogBook R246.2 Honeywell Forge Operations Monitoring R246.2	Unable to delete test asset	User cannot delete Test Assets due to error message "Error occurred. Provided asset Test doesn't exist. Failed to delete asset".
000192155	Forge Operations Logbook R242.1	The custom error module does not recognize this error	The error in MES log is "The remote certificate is invalid according to the validation procedure". In browser "The custom error module does not recognize this error" is observed.
000192225	Honeywell Forge Operations Management R246.1	HOM Runtime Update or Modify Procedure	Procedure for updating service account in HOM
000191986	Honeywell Forge Operations Management R246.1	Flexera License Activation error	Customer returned the license, moved the VMs to cloud, Activated license again where it throws error "Service not available"

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Honeywell Production Management

Upcoming release Production Accounting & Reconciliation R3.1.0 in Q3 2025 (September)

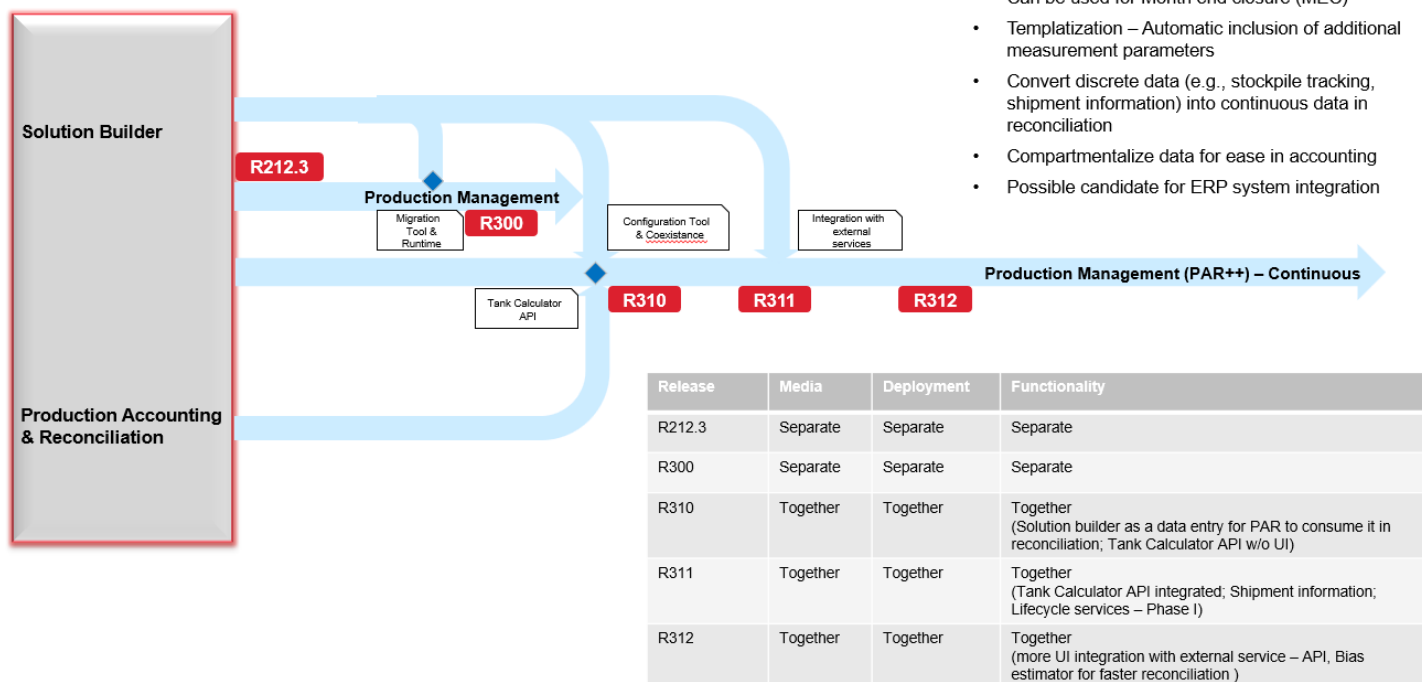
We are pleased to announce that the **Production Accounting & Reconciliation R3.1.0** has been slated to be released by September 2025. This release would include a completely new module, as well as address prior release issues. Detailed information to be provided in Q3 newsletter.

Key outcomes of R3.1.0 to include –

- Co-existence of PAR & Solution builder, which is the evolution journey of PAR
- The introduction of Solution builder enables extension of product life for MPM customers and shoulder space to retain higher level of maturity using PAR capability.
- API integration using inventory calculations to perform level-to-volume conversions (as part of Exxon MDF), to prevent inventory loss resulting in savings for any end user.
- Implementing Adhoc movements to allow more flexibility in the reconciliation

An overview of the PAR to PAR ++ journey –

EVOLUTION OF PAR ++



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Honeywell Production Management updated support policy

The applications contained within this suite is as follows.

- **Honeywell Production Accounting and Reconciliation | Mass balance:** Sophisticated Statistical Data Reconciliation Algorithms ensures faster time to compute and reconcile Mass Balances - provides easier and faster identification of Key errors and fugitive losses and their root causes.
- **Honeywell Production Accounting and Reconciliation | Inventory Accounting (previously Production Logger):** Maintains Accurate Inventory Balances for informed decision making. Improves planning cycle based on precise Inventory levels, owing to reconciled inventory.
- **Honeywell Production Accounting and Reconciliation | Composition tracking:** Composition Tracking helps in better yield prediction and accurate apportioning of secondary

For organizations looking to drive supply chain optimization, visibility and profitability; for operations managers looking to manage costs, feedstock and product blending, and for planners and production accountants looking to improve agility with tighter plan versus actual alignment

Support Phases Definition

Overall support phases are “Current”, “Supported” and “Phased-out” respectively. These are described below:

Current (Full Support): Standalone Software Product releases, represented by the ‘Current’ software releases, are eligible for all applicable support programs made available by HPS, subject to business conditions including, but not limited to, availability of software and support from third party software suppliers. “**Current**” Support applies to the most recent or current release (R). The entitlements for Current phase are:

- Full TAC support is available.
- Category 1 (product not useable) and 2 (major function not useable) PARs are processed and resolved; maintenance and point releases are generated when needed.
- Product documentation is regularly updated to reflect changes in product features and correct errors found in existing documentation.
- Relevant security updates for qualified third-party Software (for example, OS software) are qualified.
- Relevant security updates for certified third-party Software (for example, Microsoft Excel) are certified.
- At least one anti-virus software product and its updates are qualified or certified.

Supported: Standalone Software Product releases, represented by selected “Current-n” software releases, are eligible for selected support programs made available by HPS/HCI for such releases, subject to business conditions including, but not limited to, availability of software and support from third party software suppliers. “**Supported**” applies to the releases prior to the current release.

The Entitlements for Supported phase are:

- Full TAC support is available.
- Category 1 (product not useable) PARs are processed and resolved; maintenance and point releases are generated when needed. Selected Category 2 PARs will be evaluated & resolved based on criticality.
- For PARs other than Category 1&2, “commercially reasonable effort support” will be provided, typically including answering questions and offering advice, but problem fixes may require upgrading to a release in the “Current” support phase.
- Fixes developed against later releases generally will not be ported back to releases in the supported phase.
- Product documentation updates generally will not be provided.

- Relevant security updates for qualified third-party Software (for example, OS software) are qualified.
- Relevant security updates for certified third-party Software (for example, Microsoft Excel) are certified.
- At least one anti-virus software product and its updates are qualified or certified

Phased-Out: For Standalone Software Product releases which have been Phased-Out, HPS intends to make commercially reasonable efforts to provide support as, and if, available consisting of technical assistance for product use, lost/damaged software media replacement and reference materials download. "Phased-out" Support applies to releases older than R-2.

- Limited TAC support will be available.
- Honeywell may not always be able to enter into a contract for Phased-out releases due to technology or resource considerations. Any contract would exclude PAR fixes.
- For all PARs, "commercially reasonable effort support" will be provided, typically including answering questions and offering advice, but problem fixes will require upgrading to a release in the "Current" support phase.
- Fixes developed for later releases generally will not be ported back to Phased-out releases.
- Product documentation updates will not be provided.

Special Arrangements (Contract Support) can be negotiated for individual customers and may provide additional benefits not otherwise available, as mutually agreed. Special arrangement may provide problem fixes for Retired or Obsolete releases, security or anti-virus qualification or certification after the normal period, or other benefits. Special arrangement agreements are negotiated with Honeywell's Application Technology Services groups and generally have an additional cost. Please note that Honeywell may not always be able to enter into a contract due to technology or resource considerations.

Active Products Support Status

Support Status for Honeywell | Production Accounting and Reconciliation

RELEASE	RELEASE DATE	CURRENT (Start date)	SUPPORTED (Start date)	PHASED OUT
R310.x*	Sept 2025*	Sept 2025*	Sep-27	Sep-30
R212.x	Aug-22	Aug-22	Sep-25	Aug-27
R211.x	Dec-20	Dec-20	Aug-22	Jan-26
R210.x	Jan-19	Jan-19	Dec-20	Jan-25
R201.x	Aug-17	Aug-17	Jan-19	May-22

**Planned. Information about future releases is subject to change without notice*

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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

Forge Blending & Movement (FBM/PBM/BMA/OM&S) Support	rac.support@honeywell.com	1-289-333-1500
OptiVision Help Desk	optihelpgroup@honeywell.com	1-513-595-8944
Honeywell Forge APC (Profit Suite) Support	apc.apptech@honeywell.com	1-800-822-7673
Technical Assistance Centre (TAC) – Americas		1-800-822-7673
Uniformance Help Desk	support@honeywell.com	1-403-216-2870
UniSim Design Suite Support	Unisim.Support@honeywell.com	1-800-822-7673
Honeywell Forge Workforce Competency Support	hpscusersupport@honeywell.com	1-800-822-7673

Asia Pacific (AP) Technical Assistance Centre (TAC) for Honeywell Connected Industrial contacts

Honeywell Forge APC (Profit Suite) Support	apc.support.emea@honeywell.com	
OptiVision Help Desk	p3its_oncall@honeywell.com	+ 358 20752 2300
Forge Blending and Movement (FBM) Solutions Support	bma.support.ap@honeywell.com	
UniSim Design Suite Support	unisim.support@honeywell.com	
Honeywell Forge Workforce Competency Support	hpscusersupport@honeywell.com	

Honeywell Asia Pacific regional GCCC hotlines:

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India:		1-800 2335051
Indonesia:		0018-03-440-212
Malaysia:		1 800-812-674
New Zealand:		0800 855 663
Pacific (outside Australia and New Zealand):		+65 6787 1788
Philippines:		1-800-1441-0223
Singapore:		6823-2215
Taiwan:		0800-666-051
Thailand:		0018-004-415-283

Europe and Middle East and Africa, (EMEA) Technical Assistance Centre (TAC) for Honeywell Connected Industrial contacts

Control Performance Monitor (CPM)	CPM.support.emea@honeywell.com	All global queries
OptiVision Help Desk	p3its_oncall@honeywell.com	+ 358 17 57 89 300

EMEA Honeywell Connected Industrial Helpline		+32 (0)2 728 2200
Honeywell Forge APC (Profit Suite)	apc.support.emea@honeywell.com	
Production Control Centre	kunde@honeywell.com	+47 6676 2180
Forge Blending and Movement (FBM)	bma.support.emea@honeywell.com	
Honeywell Forge Workforce Competency Support	hpscusersupport@honeywell.com	
UniSim Design Suite Support	unisim.support@honeywell.com	
Automation College	www.automationcollege.com	

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