Honeywell

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:

- *Honeywell Inspection Rounds: Movilizer Portal User Account Creation*
- *Honeywell Blending and Movement – Analyzer PV Bias Function*
- *Honeywell Workforce Competency R521.1 Release: An Introduction to the Training Dashboard, a Usage Log Replacement*
- *UniSim Design R500 Release*
- *Honeywell Advance Process Control and CPA Knowledge Article Quarter: Summary of Articles – Q1 24*
- *Honeywell Alarm Management: M&R R202.1 Moving into Phased-Out Support in May 2024*
- *Honeywell Operations Management – Configuration of Alarm Snippet*
- *Honeywell PAR R212.2 and OptiVision R6.2.0 Release*
- *List of Knowledge Articles Published to Process.Honeywell.com*

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GlobalBGPDeliveryCentre@honeywell.com

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- Movilizer portal user account creation

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- OptiVision new R6.2.0 release is now available

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Honeywell Inspection Rounds

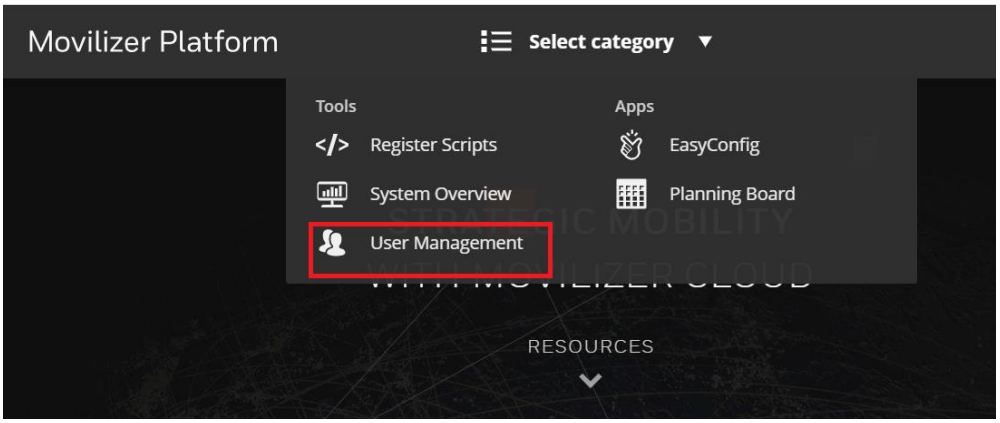
Movilizer Portal User Account Creation

To set up new portal user accounts, you need to follow a series of steps to ensure that users can access the portal and perform their designated tasks effectively. Here's a detailed guide:

1. **Open User Management:**

The process begins by accessing the **User Management** section of the portal. This can be done by logging into the portal with your credentials and navigating to the User Management area.

- ✓ Log into the portal using your username and password.
- ✓ Once logged in, navigate to the User Management section. This is accessible through a dropdown menu in the header bar.

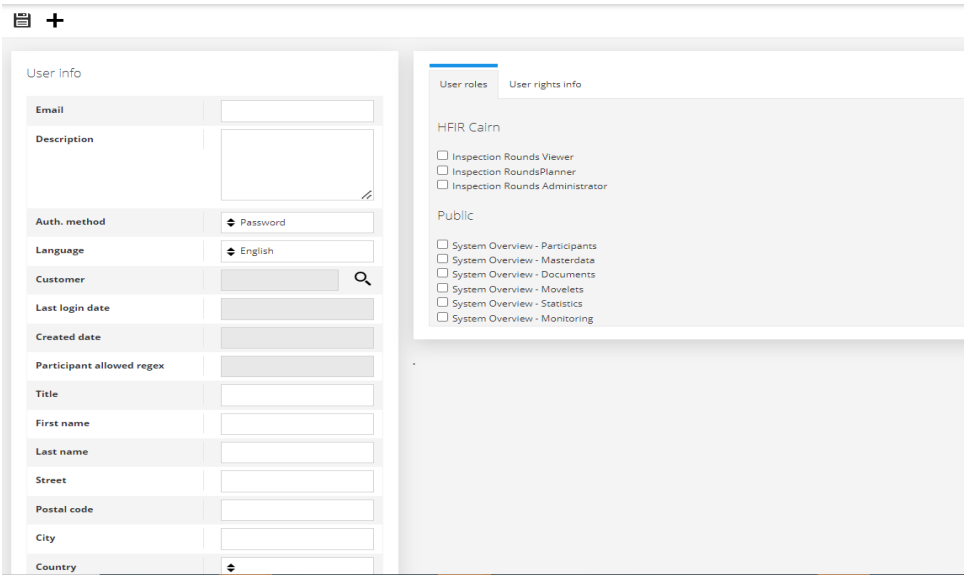


2. **Create a New Portal User:**

After accessing the User Management section, you can proceed to create a new portal user. This involves entering relevant information and assigning appropriate user roles.

- ✓ Start by entering the email address of the new portal user in the designated field. This email address serves as a unique identifier for the user within the portal system.
- ✓ Next, search for and select the customer associated with the user. This helps in organizing and managing users within specific customer groups.
- ✓ Provide the first and last name of the portal user to complete their profile information.
- ✓ Additional personal data fields may be filled out if necessary.
- ✓ Choose the appropriate user role for the new portal user. This could be an **Admin**, **Planner**, or **Viewer** role, depending on the user's responsibilities within the portal.

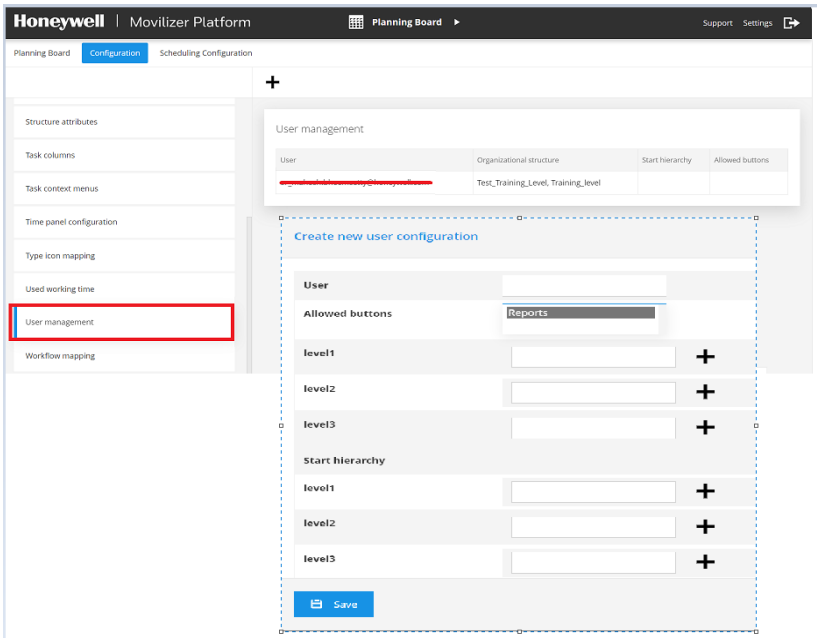
Once all information is entered and the user role is selected, proceed to create the new portal user by clicking the appropriate button or option.



3. Assign the Hierarchy Levels to the User:

After creating the new portal user, it's essential to add them to the relevant organizational units/hierarchy levels. This ensures that they have access to the appropriate levels and functionalities within the specific customer portal.

- ✓ Access the **Planning Board → Configuration** menu.
- ✓ Navigate to the **User Management** page.
- ✓ Add the newly created portal user by clicking on the **+** icon.
- ✓ This involves entering the user's email address and assigning them to the specific hierarchy levels.



Once the user is assigned to the levels, ensure that the changes are saved and reflected in the system by refreshing the browser window.

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Viewing Portal Users

To view the user roles and access rights of your portal user, follow the steps below:

- ✓ In the header bar of the portal home page, select **Settings**.
- ✓ In the tab bar, choose **User roles**. You can see the admin roles associated with the profile.
- ✓ To close the dialog box, click on the **X**.

Portal User Roles and Rights

Four different types of roles can be assigned to portal users. These are **SuperAdmin**, **Admin**, **Planner**, and **Viewer**.

Honeywell Inspection Rounds – SuperAdmin:

- ✓ This role is designed for internal Honeywell personnel only.
- ✓ SuperAdmins have full access to the Planning Board, allowing them to configure settings, manage scheduling configurations and perform scheduling tasks.
- ✓ They also have full access to **EasyConfig**, enabling them to configure settings with ease.
- ✓ Additionally, SuperAdmin holds administrative privileges for managing media, user accounts, system overview and registering scripts (MAF).

Honeywell Inspection Rounds – Admin:

- ✓ Admins possess similar privileges to SuperAdmins in terms of Planning Board access, EasyConfig access and media administration. However, they have slightly restricted user management capabilities, being designated as User Management **USER** instead of **ADMIN**.
- ✓ They still retain administrative control over system overview.

Honeywell Inspection Rounds – Planner:

- ✓ Planners primarily focus on scheduling tasks within the Planning Board.
- ✓ They have access to scheduling features but do not possess configuration rights.
- ✓ Like other roles, they have full access to EasyConfig for configuration purposes.
- ✓ They also have media administration privileges but are limited to user privileges in the system overview.

Honeywell Inspection Rounds – Viewer:

- ✓ Viewers have limited access compared to other roles.
- ✓ They can view scheduled tasks and configurations within the Planning Board but cannot make changes.
- ✓ They have access to EasyConfig for viewing purposes only, without the ability to make alterations.
- ✓ Viewers can also access media for viewing purposes.

Note that the SuperAdmin can add or delete users at the enterprise level and below. Admin can add or delete at their assigned level.

These roles are structured to provide different levels of access and control within the Honeywell Inspection Rounds system, catering to the diverse needs and responsibilities of users within the organization.

User Roles and Access Rights Overview:

	SuperAdmin	Admin	Planner	Viewer
Planning Board	Full Access	Full Access	Scheduling Only	Scheduling Only
EasyConfig	Full Access	Full Access	Full Access	Viewing Access
Media Access	Admin	Admin	Admin	Viewing
User Management	Admin	User	-	-
System Overview	Admin	Admin	User	-
Register Scripts	Admin	-	-	-

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Honeywell Inspection Round (HIR) SaaS Updates Details

Honeywell Inspection Round R8.4.4 has been deployed in the cloud. Below are the details of the update.

Honeywell Inspection Rounds R8.4.4 update: This release contains fixes for the following enhancements and product anomalies:

[MOVOR-18158] - Set the “userId” attribute with “networkId” in OR_MOBILE_AD_USER DC when the “employeeId” is not available

[MOVOR-18707] - Security remediation for auth services

[MOVOR-18234] - EC: Configuration - Link Expiry default needed, adjustment of dropdown values

[MOVOR-18327] - EasyConfig: Adjust the missed round list and missed round detail with new fields

[MOVOR-18334] - EasyConfig: Rendering of task name in task history page of task deviation/incomplete task/round result

[MOVOR-18082] - EasyConfig: Adjust the issue list table for round result with new fields, Created/Created By/Updated/Updated By

[MOVOR-18325] - EasyConfig: Adjust the round detailed page with new fields

[MOVOR-18328] - EasyConfig: Adjust the incidents list and incident detail with new fields

[MOVOR-18329] - EasyConfig: Adjust the task deviation, incomplete task list and detail page with new fields

[MOVOR-17930] - EasyConfig: Sorting is not proper in many of the pages

[MOVOR-17909] - EasyConfig: Type field should reset back after limit creation

[MOVOR-17957] - EasyConfig: Show History option should not be shown for Date Task in Round Result

[MOVOR-17921] - EC: Adjust the length of priority in issue setup to be 16 instead of 64

[MOVOR-18177] - EC: Save button of new edit approval config is not grayed out

[MOVOR-18612] - EasyConfig: Disable/remove media service links in incidents, task deviations and round results

[MOVOR-17942] - UX: Easyconfig - Mail and Issue section shows different values in the fields for reported incident

[MOVOR-17824] - EC: Introduce new localization for round status

[MOVOR-17920] - EC: Update issues section after issue deletion

[MOVOR-18096] - Missing information in subject of incident notification email

[MOVOR-18370] - EasyConfig: Enable approval status change for skipped rounds

[MOVOR-18278] - EC: Check config call and remove if not must have

[MOVOR-17863] - EasyConfig: Delta changes for MOVOR-17879

[MOVOR-18087] - “EmployeeID=UserID” shown instead of “networkID” in incomplete task issue overview table

[MOVOR-17809] - EC: Deviated conditional tasks details are not being shown in round report

[MOVOR-17868] - EC: User not shown when round is missed from mobile

[MOVOR-17989] - Update "modified" timestamp and "modifier" of an issue entity when add/update/delete attachment

[MOVOR-17869] - Update "modified" timestamp and "modifier" of an issue entity when add/update/delete a comment

[MOVOR-18355] - Resolve user network ID

[MOVOR-18308] - HFIR-Rest: Add details regarding modifier name, email and network ID to Issue MD

[MOVOR-18669] - HFIR-Rest: SonarQube fixes for 8.4.4 changes

[MOVOR-17684] - HFIR-Rest: Add “unique_series_index” for issue entity based on level, created timestamp and category

[MOVOR-18376] - Security remediation for media services, HFIR-Rest and event services

[MOVOR-17459] - PB: Validate the scheduling parameters of RT/ART

[MOVOR-17873] - Adjust detection of precondition asset on mobile

[MOVOR-18281] - MAF: Usage of unique series index for storing issues under level by category and created timestamp - Part 2

[MOVOR-17846] - Movelets: Avoid checking GPS config enabled at multiple points

[MOVOR-18057] - MAF: Suspended round switches to MISSED state

[MOVOR-18045] - Movelets - Edited observation comment is not shown in edited rounds

[MOVOR-17720] - Movelets: Refactor code for getting permits and safety incidents

[MOVOR-18307] - Mobile: Add details to DC regarding modifier name, email and network ID

[MOVOR-18172] - MAF: consume incomplete task DC and process image data

[MOVOR-18033] - Mobile: add “userNetworkId” to meta file if available

[MOVOR-16634] - New asset status completed with skipped

[MOVOR-18171] - Mobile: add image info into incomplete DC

[MOVOR-18201] - Movelets: Adjustment of round status in OR_ROUND_REPORT DC when we skip a round

[MOVOR-18289] - Movelets: Trim the leading and trailing spaces in the report incident description and summary

[MOVOR-18094] - SSO scenario user in email notification showing “employeeID” instead of “networkID”

[MOVOR-18297] - Mobile: Search text improvement for round and readings screen

[MOVOR-18298] - Mobile: Search text improvement for asset and sub-asset screen

[MOVOR-18294] - Movelets: Add “userNetworkID” to meta files only if it exists

[MOVOR-18321] - MAF: Update modifier details in issue MD when round report attachment MD is updated from mobile

[MOVOR-18053] - MAF: Check round availability for scheduling

[MOVOR-18659] - MAF/Movelets: Set initial approval status as issue status when round is skipped

[MOVOR-17900] - Movelets - User should be taken to “Set New Password” section when he tries to change password

[MOVOR-17875] - Movelets: Adjustment of initial approval status

[MOVOR-18629] - Auth-Svc || Security Misconfiguration: Missing Headers

[MOVOR-17878] - Limits are not showing in round result page for conditional task

[MOVOR-18149] - Previous template assets and attachments are showing while creating a new template in this scenario

[MOVOR-18046] - EasyConfig: Missed rounds searching for a task makes tasks disappear in other asset table

[MOVOR-17643] - EasyConfig: Media Tab in “Round Result/Incidents” section shows “irrelevant” message

[MOVOR-17879] - Task details are not showing on round result page for conditional task

[MOVOR-18163] - SubLevels are still showing even when user deselects “parentLevel” in RT/ART step 1

[MOVOR-18056] - Number of assets in missed issue initially shows 0

[MOVOR-18203] - EasyConfig: Save button is not enabled when user tries to add “Identity Provider(SSO)” forgot password url

[MOVOR-18064] - Asset type set to “null” when uploading Excel without asset type

[MOVOR-18050] - EasyConfig: User is taken to the first page automatically when viewing the round result

[MOVOR-18148] - EasyConfig: User should not be allowed to search for the media without clicking “OK”

[MOVOR-17917] - EasyConfig: User is taken to the “Primary Details” tab instead of “Sub Asset” tab in physical asset

[MOVOR-17867] - EC: Loading problems on “Round Result” and “Issue” page with sublevels enabled

[MOVOR-17937] - Search text is getting reset when navigating back from ART

[MOVOR-18178] - EC: issue section - attachment link label is wrongly showing attachments

[MOVOR-17947] - EasyConfig: User is able to add activity set after updating the template by editing it

[MOVOR-18088] - View history section of incomplete/deviated/task issue not shown

[MOVOR-17905] - Once label is too long, hint icon overlays with text

[MOVOR-18626] - EasyConfig: Asset field dropdown is disabled when user tries to create issue from EasyConfig

[MOVOR-18167] - Incident and recommendation notification email not showing the template (if existing) in subject

[MOVOR-17729] - Search functionality not working in media service after changing the date range

[MOVOR-17864] - EC: Page refresh does not show the dashboard icon in the left menu

[MOVOR-17865] - EC: Page refresh of round result page leads to issue page

[MOVOR-18804] - EasyConfig: Media captured during redo is shown in “Round Result” as well as in “Edited Round Result”

[MOVOR-18635] - EasyConfig: Template created with attachments via Excel is not available

[MOVOR-18269] - Get request of one portal user for root level in “or2.test.dev” is taking more than five seconds

[MOVOR-18703] - Entities can’t be created

[MOVOR-18704] - User is not able to create levels/assets/tasks/templates in the portal

[MOVOR-18776] - Attachments of the manual incident are not shown

[MOVOR-18667] - Media Service: Uploaded video from mobile is not shown in the portal

[MOVOR-17639] - HFIR-Rest: User is unable to edit the extended task if the same task is part of another template

[MOVOR-17944] - HFIR-Service: Issue with editing property having apostrophe (‘) in its value

[MOVOR-18030] - PB: lower table filter does not work

[MOVOR-18732] - Planning Board: Filter does not work in the lower table for “Device/Appgroup & Name”

[MOVOR-18705] - Submitted RT not available in EC round result or SSRS/ND

[MOVOR-18043] - Movelets: Report Incident screen when scanning for the barcode shows the title as “ADD PHOTO”

[MOVOR-18097] - Mobile: Anchoring issue when user clicks on “Show History” and goes back to report incident screen

[MOVOR-18051] - Movelets: Cancel button during “Scan Code” should be in blue color, header should be “Scan Code”

[MOVOR-18083] - Movelets: Exception thrown when loading a round data, when attachment MD has data field as null

[MOVOR-18315] - Mobile: Edit rounds observations - Part1

[MOVOR-18392] - Mobile: Edit rounds observations - Part2

[MOVOR-16921] - Performance: over seven seconds to open/confirm asset readings screen with 15 readings

[MOVOR-18627] - Round can be submitted after end time plus grace period

[MOVOR-18260] - PSR: Nine seconds to start asset with 15 readings in large ART with 288 assets (no historian tags)

[MOVOR-18313] - MAF: “CONNECTOR_ATTACHMENT_MOBILE_CREATE” doesn’t contain “modifierId” and “modifierType” if attachment added for deviated task

[MOVOR-18220] - Skipped rounds shown as incomplete

[MOVOR-18166] - Movelets: Add warning message when another severity is selected, email will not send for the other severity

[MOVOR-18752] - Mobile: Skip round with list of rounds popup when user clicks on back button in ART

[MOVOR-17953] - Mobile Screens: Task comment is resetting back to older comment value

[MOVOR-18055] - Missed rounds that were in progress with submitted readings are not correct in EC

[MOVOR-17943] - Movelets: Comment resets back to the older value during edit of an observation

[MOVOR-17974] - Mobile: “Skip Asset” shows asset not visible in asset screen after filter for RT

[MOVOR-18054] - Movelets: Recommendations added on redo round are not showing in EC round result

[MOVOR-17926] - Movelets: Task value disappears when user clicks on “Show History” in “Report Incident” screen

[MOVOR-17902] - Movelets: Error message should be handled correctly when user tries to change the password after allowed

attempts

[MOVOR-18725] - Movelets: “Other Severity Email Warning” default message should be “Email will not be triggered for this Severity”

MOVOR-17911] - Mobile: Round names should be aligned correctly in “Edit Rounds” screen

[MOVOR-18755] - Mobile: Readings are not stored during redo round

[MOVOR-17964] - Mandatory image capture not shown in mobile UI

[MOVOR-18255] - PSR: No loading indicator shown on sync from the home screen

[MOVOR-18259] - PSR: Nineteen seconds to start large ART with 288 assets (no historian tags)

[MOVOR-18726] - Mobile: Wrong activity/asset/blank is shown in redo round screen

[MOVOR-18742] - Mobile: Anchoring issue during redo round of the completed round in the “Readings” screen

[MOVOR-18751] - Mobile: “Show History option” is shown outside “SHOW OPTIONS” in “Readings” screen

Article submitted by Sumia Bhat, HCI Technical Support – Honeywell Inspection Rounds.

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Honeywell Blending and Movement

Honeywell Blending and Movement (HBM) R530.1 – Analyzer PV Bias Function

Did you know … in Honeywell Blending and Movement (HBM) release 530, the Blend Controller (BC) application provides the ability to use an externally supplied bias value to "correct" the measured property measurement value?

The **Blend Controller – Analyzer PV Bias Function** provides the following functionality:

- Blend Sample Grab
- Analyzer PV Bias Update

This application provides the ability to apply an analyzer bias value based on a spot sample of the current blend header material. This approach is used when the analyzer bias varies based on the product being blended. Alternative approaches may be considered if the analyzer offset is more consistent over time.

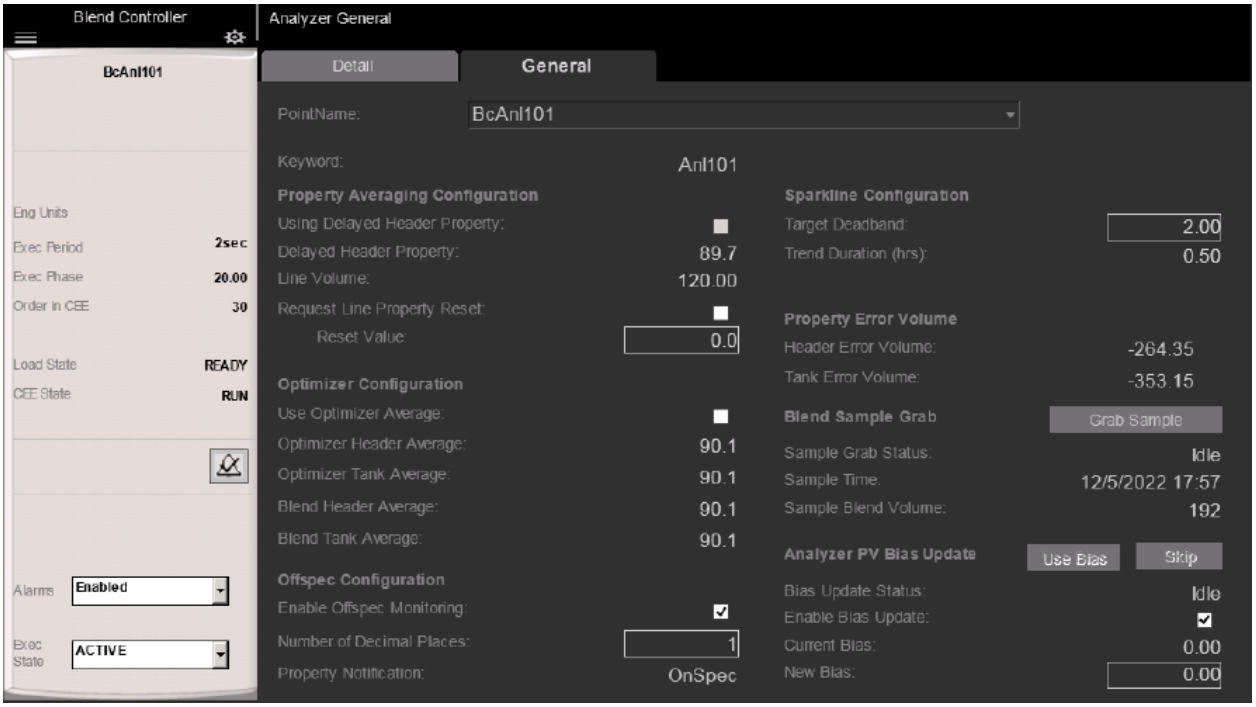

Figure 1: Analyzer detail display

The **Blend Sample Grab** feature is used in support of the analyzer PV bias function. The operator may select the "**Grab Sample**" button to request a spot sample of the measured product. The following status values may then apply:

- **Grabbed:** The spot sample has been requested. The blend volume and timestamp of the request are captured and displayed on the analyzer detail display, as shown in Figure 1.
- **Waiting:** The analyzers are waiting for the PV bias to be updated
- **Idle:** The grab sample request has been either completed or canceled.

The analyzer PV bias function is used to process the new analyzer PV bias value when a blend sample grab is in progress.

Two buttons are provided:

- **Use Bias:** The operator clicks this button to accept and use the new analyzer PV bias value.
- **Skip:** The operator clicks this button to cancel the update and keep the existing PV bias on the analyzer front-end point.

Based on the progress, the following bias update status values are possible:

- **Waiting:** A grab sample has been requested, but the new analyzer bias value has not been provided yet.
- **Using Bias:** The new PV bias value is being processed.
- **Avg Updated:** The calculated header property average/tank property average has been adjusted using the new PV bias value.
- **Idle:** The PV bias update has been either completed or skipped.

The analyzer PV bias function may be disabled if it is not required. In addition, the analyzer PV bias function should be enabled only for measured properties and disabled for calculated properties (e.g., ROAD which is calculated as (RON+MON)/2)) as the bias would already be accounted for in the associated measured properties.

Blend Controller does not calculate the analyzer PV bias value but provides the data structures to capture the time and blend volume associated with the grab sample and updates the property average calculations using the entered bias value.

For more information on Blend Controller, the analyzer PV bias function or any of the Blending and Movement applications, please contact your Honeywell Account Manager or your local Application Support office.

Application Support Contact Information:

The Americas: rac.support@honeywell.com
Europe, Middle East and Africa: bma.support.emea@honeywell.com
Asia Pacific: bflex.support.ap@honeywell.com

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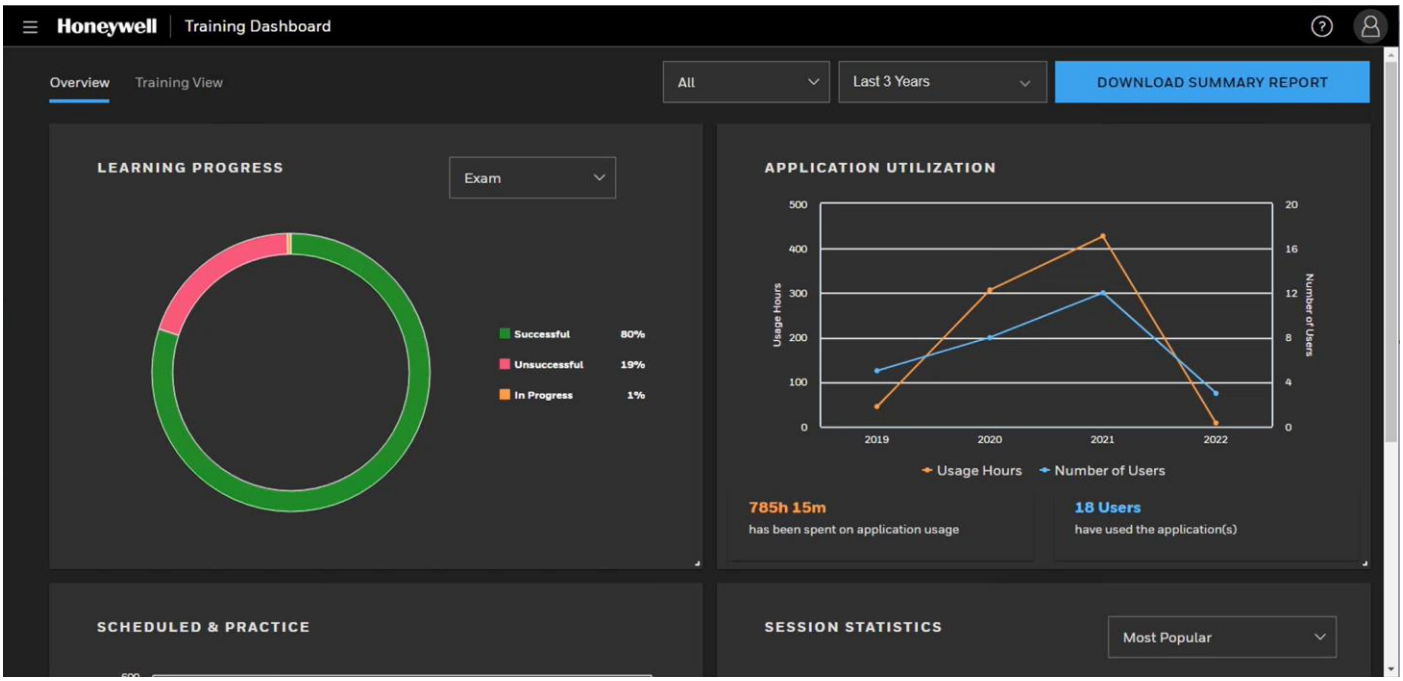
Honeywell Workforce Competency

The Training Dashboard: The Usage Log Replacement

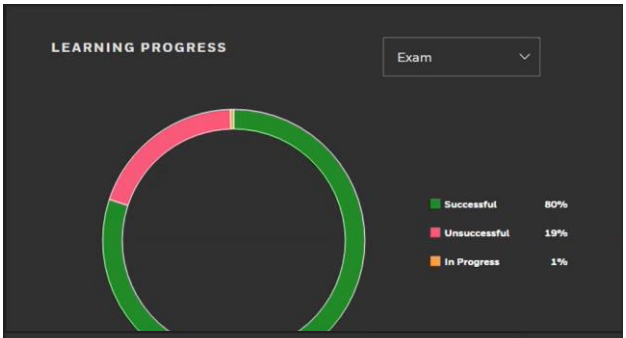
Since the release of Workforce Competency R521, you may have noticed that the legacy “Usage Log” application has been demised and replaced with the new, completely overhauled, web-browser-based “Training Dashboard.” This on-premise version of the dashboard, found under the “Honeywell Forge Workforce Competency Tools R521” Windows Start menu, provides enhanced features and visualizations to monitor the training activities and progress of individual trainees or groups, track course completion status and assess overall competency within training cohorts. It provides persona-based views, as determined by the Workforce Competency User Manager’s hierarchical roles such as administrator, instructor and trainee. This allows for evaluating group competencies down to the monitoring of individual progress. An administrator will have full access to all the dashboard features and training activities with the ability to download summary and detailed reports for all users. Instructors will have access to their sessions as well as their trainees’ sessions and the ability to download summaries and detailed reports for all their users. Trainees will have a limited view of their activities and reports only.

The dashboard contains two main views in either dark or light mode: An overview and a training view for all training activities within the Process Training Simulator and Tutor applications. These views may all be scoped based on the application (Process Training Simulator or Tutor applications or both) and a period of time (one month to the last three years, or a custom start and end date).



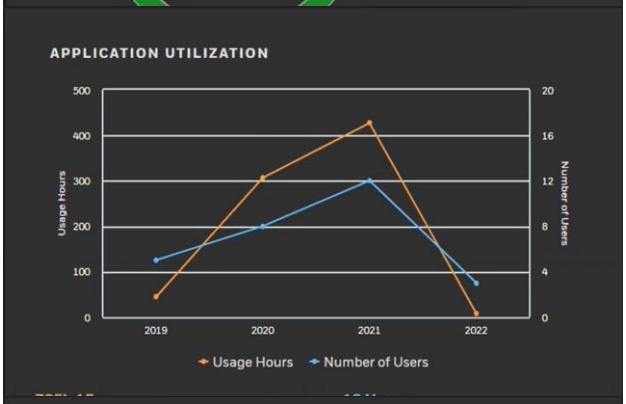
The Overview

The overview is a top-level view of all the training activities, detailing the “Learning Progress,” “Application Utilization,” “Scheduled and Practice Sessions” and “Session Statistics” offered by your simulation models and training content.

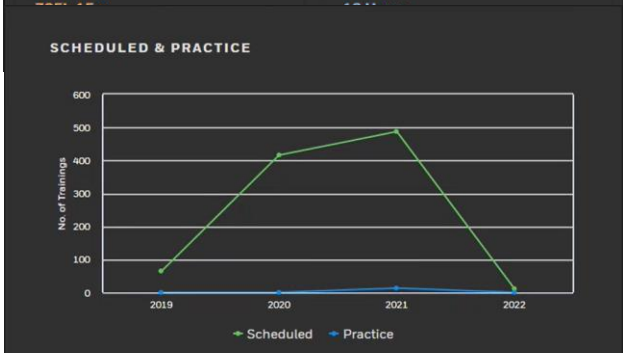


The “Learning Progress” widget displays the overall success rates of all exams and practices taken. The success rating is broken down into three categories:

1. S**uccessful:** The trainee has achieved a passing grade.
2. **Unsuccessful:** The trainee has not achieved a passing grade.
3. **In Progress:** The trainee’s exam or practice session was paused, saving the session state and assessment to be continued at a later time.



The “Application Utilization” widget depicts the frequency of the application’s usage. This is independent of training. It shows how many user sessions and hours have been executed for a selected time period.



The “Scheduled and Practice Sessions” widget shows the number of scheduled assessments and practice sessions over a selected period. The practice sessions are related to the Tutor practice sessions, where you have the option of taking an exam or just doing a practice exercise while in Tutor.

The “Session Statistics” widget may be filtered to show the following categories:

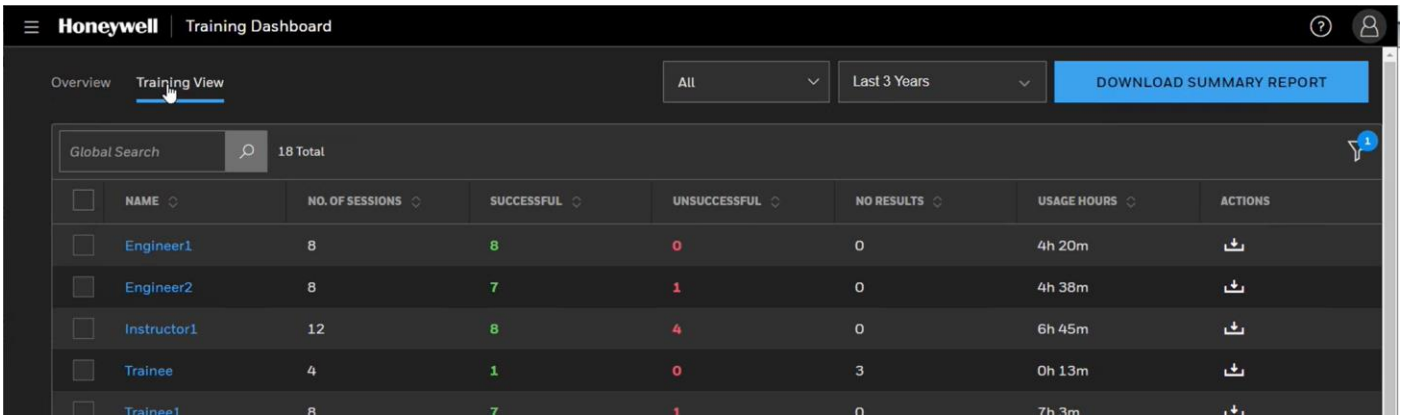
- Most Popular
- Least Popular
- Highest Success Rate
- Least Success Rate

These include Process Training Simulator sessions loaded with either a snapshot or a training exercise.

This overview is downloadable into a PDF summary report, displaying all the information shown in the overview dashboard. It also includes a summary table report with each of the users, their success rate and the number of hours the Process Training Simulator and Tutor applications were used.

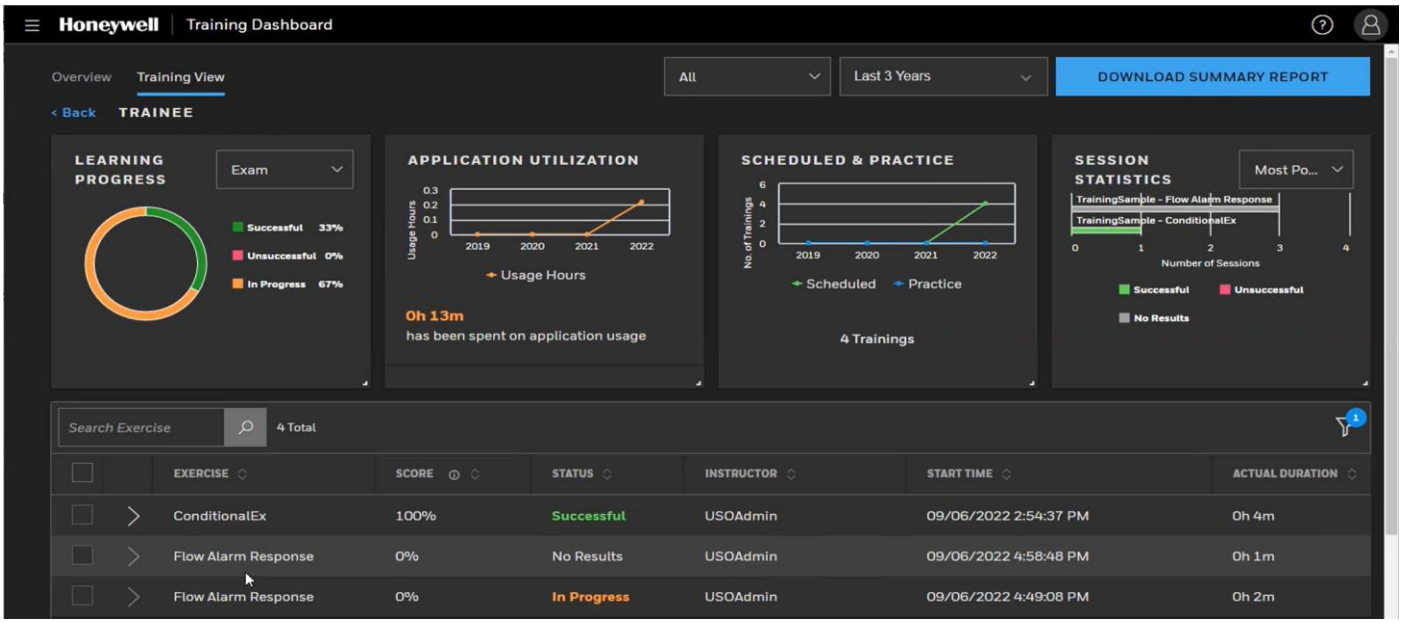
The Training View

The “Training View” details the individual user’s metrics, including the number of total sessions, the session’s success rating and their total usage hours.



Each user has an “Actions” column that allows you to download their “Training Summary Reports” in a zip file that contains the user’s overall summary and identifies each of their sessions and statistics. Multiple users may also be downloaded by selecting the individual’s checkbox (or by selecting all) and clicking the “Download Reports” option. These reports give added insight into the user’s session by including their operator event log showing each action the user has taken. You may also select the “Export User Summary” to download a usage data report in Excel format showing the usage metrics for all the users you have selected.

In Training View, each user’s name is a hyperlink to a detailed historical view of all their training sessions and assessments. When selected, you will see a comprehensive view of all their training activities, allowing you to edit, download the specific evaluation report and delete that session, all enabled based on the viewer’s role. If an evaluation was a part of that session, you may navigate further in that session to see its consolidated report as well as its evaluation reports, such as “Key Performance Variable” assessments.



This dashboard foreshadows the evolving state of Workforce Competency’s future. Its intuitive user interface and robust features are set to transform how you visualize, analyze and manage your training data. Start using “Training View” today to enhance your training process data and help elevate your teams’ competencies. “Training View” is available today to all customers with current BGP support programs who upgrade to release R521 and later.

Training

The related courses provided at the Honeywell's Automation Colleges are:

Process Training Simulator:

- HWC-0001 Honeywell Workforce Competency: Fundamentals - Instructor Operation
- HWC-0002 Honeywell Workforce Competency: Fundamentals - Configuration Implementation
- HWC-0004 Honeywell Workforce Competency: Fundamentals - System Manager Administration
- HWC-0005 Honeywell Workforce Competency: Fundamentals - Experion Implementation

To get schedules and more details about training courses on simulations or other Honeywell products, go to https://process.honeywell.com/us/en/services/training.

Under some conditions, these courses can also be provided at the customer's site as appropriate.

Updates Available

Honeywell Forge Workforce Competency R521 Updates

The latest update for Workforce Competency R521 is 521.4.1.0 (released on December 15, 2023) includes:

HCPP-27551: CS3000 TS16 translation failed.
HCPP-27231: RQUP-04862162 support for RS block.
HCPP-27160: If R521.3 is installed on PTS and the Yokogawa machines, it throws unwanted alarms and trips.
HCPP-27372: TRB: DeltaV Step timing out too soon.
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.
HCPP-27219: TPS HPM CL TK: REGCTL's_MODEAPPL_STRUCT definition is being created with a BYTE VAL instead of a REAL VAL (1:4) Errors in the generation of XML file during SM translation.
HCPP-27397: Document change for Triconex 1131 Toolkit Guide.
HCPP-27363: Handled IO description length up to 60 char. length.
HCPP-27298: Arrays and Loops support for Tristation.

A previous update for Workforce Competency was 521.3.3.0 (released on November 21, 2023), which included:

HCPP-27351: PIDALL_CCS block is ramping its PV to SH value when it is changed from MAN to AUT mode.
HCPP-27379: PTS snapshot does not retain controller modes in CS3000 emulated layer.
HCPP-27217: SCADA Model: The OPSRC is getting its value from the PV source address (PVBITADDR) instead of its OP source address (OPSBTADDR).
HCPP-27338: FUNC-VAR block is not working as intended; calculated PV (CPV) is not correct.
HCPP-26912: Rockwell V35 - RSLogixSimServer crashes on close.

Honeywell Forge Workforce Competency R520 Updates

The latest update for Workforce Competency R520 is 520.3.2.0 (released on December 1, 2023), which included:

HCPP- 27732: Model validation failed for 1D arrays using custom Dynsim dll.

A previous update for Workforce Competency R520 was 520.3.1.0 (released on December 1, 2023), which included:

HCPP-27397: Document changes for Triconex 1131 Toolkit Guide.
HCPP-27298: Arrays and Loops support for TriStation.

UniSim Competency Suite R471 Patch Releases

The latest patch for UniSim Competency Suite R471 is Patch 6 (released on March 6, 2023) – see previous newsletter for details.

Article submitted by Jonathan Wells, HPS Technical Support – Workforce Competency.

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UniSim® Design Suite

UniSim Design – R500 Is Released

UniSim Design Suite R500 was released in the first quarter of 2024.

UniSim Design Suite provides an accurate and intuitive process modeling solution that enables engineers to create steady-state and dynamic models for plant and control design, energy and emissions evaluations, safety studies, performance monitoring, troubleshooting, operational improvement, business planning and asset management. Leveraging UniSim Design's high-performance engine, design and optimization are enabled within the same simulation environment.

UniSim Design R500 adds new sustainability features as well as enhancements for our valued existing customers in upstream oil and gas and other hydrocarbon industries as well as EPC.

The UniSim Design R500 release includes these key new features and enhancements:

- Sustainability:
    - Carbon Capture (CCS): A Membrane Separator Module has been added to simulate a steady-state multi-component gas separation unit operation, including CO_2 separation from natural gas.
    - Green Hydrogen: The existing Proton Exchange Membrane (PEM) Electrolyzer unit-op has been extended to work in dynamics mode; it supports multiple stacks.
    - CO_2e Emissions Utility Enhancements: The existing utility has been extended to work in dynamics for a particular time instant. Additional features have been included such as operational hours per year, support for emissions from vents and electric sources as well as the addition of extra combustion fuels.
    - A new flash solver to execute an Enthalpy(H)-Molar Volume(V) flash has been added to the Separator unit-op in dynamics mode (suitable to simulate CO_2 depressurization to and through the triple point).
- Thermodynamics:
    - UniSim Design has the option to integrate the NIST SRD for pure components, pure component property correlations, VLE experimental data and binary interaction parameters. (NIST/TRC SOURCE Data is an archival system for industry-standard experimental thermophysical and thermochemical property data.)
    - Enhancements have been made to the existing eNRTL property package for modeling phase equilibria of certain single- or mixed-solvent electrolyte systems. As well as improved flash calculation speed and stability and the addition of a database of further commonly used salts.
    - The existing regression tool has enhanced functionality for pure and multi-component property estimation.
    - Calculation speed and density calculation improvements have been made to UniSim Thermo for the EOS-CG, GERG and Span Wagner property packages.
    - The PC-SAFT property package now includes temperature-dependent binary interaction parameters and density calculation improvements.
    - Fluid Package Lock: a new feature has been added for customers who want to protect the model options and parameters used within fluid packages.
- AI/ML Capabilities: UniSim Hybrid Model
    - A new feature allows a first principles simulation model to be combined with a data-driven model to create a hybrid model for better prediction of results. The data-driven model can use either traditional linear data regression or AI/ML.
    - There is the option to train the ML model externally using an open-source tool such as TensorFlow Keras, Scikit-Learn or PyTorch.
- Programmatic Interface and Remote Execution Capabilities: UniSim Connect
    - A new means of interacting programmatically with UniSim Design, both locally and remotely (including cloud execution) is available. UniSim Connect has two main parts: UniSim API and UniSim AltView.
        - UniSim API complements the traditional OLE/COM programming facilities. SDKs are available for both the popular Python programming environment as well as .NET.

        - UniSim AltView is built on UniSim API but offers immediate opportunities to non-developer engineers to construct remote interfaces to UniSim Design simulations, without code, using the UniSim AltView display configuration application.
- Column:
    - A new rate-based column solver has been added for non-reactive systems.
    - There is improved VLLE column simulation support with the Equation-Oriented (EO) Simultaneous Flash, adding support for sub-cooling to the EO Simultaneous Flash functionality.
- EO Modeling Environment Enhancements:
    - Several improvements have been made including improved EO Column and Tray Section views, model diagnostics improvements and the option to model the EO Turbine unit operation with performance curves.
    - The EO Blowdown utility continues to be developed including improvements in the Beggs and Brill pipe pressure drop correlation; multiple robustness improvements in the non-equilibrium vessel geometry calculations and incorporation of CO_2 freeze-out calculations; improved mixed-phase sonic velocity calculations; the relief orifice and relief valve now default to off as in the main UniSim Design.
- Dynamics:
    - Modularization capability has been added to allow the user to easily turn on and off sub-flowsheets to run the same part of the model with different fidelities or process options.
    - A new variable time series utility has been developed to allow the user to easily impose a sequential set of specification values at given simulation times.
    - The saturate unit operation is now supported in dynamics mode.
    - CO_2 freeze-out calculations are now supported for the pipe and separator unit-ops in dynamics.
- Usability/User Interfaces/Third-Party Links:
    - Further work has been done to modernize the user interface. Improvements have been made to the menus, sidebar and object palette.
    - Usability improvements include the ability to show multiple PFDs as tabs, user-configurable shortcuts for PFD label variables (via Shift+7, 8, 9) and a new Freeze Pane option on matrix controls (e.g., the spreadsheet).
    - The online help system has been updated and is now directly accessible from the sidebar.
    - Korf Hydraulics software by Korf Technology, for pipe and piping networks, may interface to UniSim Design.
- Compliance:
    - There is a new Privacy Notice that shows when UniSim Design is started for the first time and some changes to the technical support procedure to include extra compliance checks.

For further information about UniSim Design R500, including details of how to obtain it, please see: UniSim Design R500 information (Visible without signing in, but includes some links that do require a sign-in.)

"How do I …" Videos and Technical Webinars

The following two Knowledge Base articles have the indexes for the "How do I …" and technical webinar video series:

- "How do I …" video index
- Technical webinar video index

These articles require a sign-in. (Visit process.honeywell.com, click on "Sign In" at the top right then "Create an Account," find instructions in the UniSim Design Technical Support User Guide. Also, watch UniSim Design - How do I - Use the UniSim Design Knowledge Base?)

Look out for links to these videos on the UniSim Design Home/"What's New" page. (If you don't see this view, activate it with the gear wheel or person button at the top right.)

Follow these links to view other relevant Knowledge Base articles (visible without signing in):

- Existing customers - how to obtain UniSim Design Suite R500 and earlier
- UniSim Design Suite Installation and Licensing Instructions - Commercial Release versions

Newsletter Articles

We aim to provide articles of interest to the UniSim Design user community. If you have any feedback or have suggestions for topics to cover here, please feel free to contact us; we value your input.

Article submitted by, James Martin, UniSim Design Global Support Team Lead.

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Honeywell Advanced Process Control

APC Knowledge Article Quarter: Summary of Articles – Q1 24

We published the Summary of Articles up to the end of Q1 2024 (since the last BG Newsletter) on the portal **Process.Honeywell.com**:

Product	Release	Article #	Title	Author	KAR/Inte	KAR #	Article #	Publish Date
APC	510	0839	How to invoke MS Edge for Profit Web Viewer from station toolbar in Experion R52X	Carine	18-Mar-24		187079	18-Mar-24
APC	510	0840	AES Loss of communication Error message "Communication with steam network controller has been lost"	Umesh	3-Apr-24		186166	3-Apr-24
APC	510	0841	APC R511/R512 APCWV 15 years self-signed certificate creation	Umesh	3-Apr-24		181438	3-Apr-24
APC	513	0842	APC R513 project files, build controller is stuck at "verifying calculations."	Umesh	3-Apr-24		186171	3-Apr-24
APC	513	0843	APCOS fails to start with error "User role information not found.	Rameshwar	3-Apr-24		186490	3-Apr-24
APC	510	0844	How to create the certificate with more than one year validity for APC Web Viewer	Navaneeth	3-Apr-24		135198	3-Apr-24
APC	513	0845	Notes on SPDQP_RCA vs RCA_RCA	Navaneeth	4-Apr-24		186534	4-Apr-24
APC	513	0846	In URT, how to test if an incoming value has BAD/GOOD quality?	Navaneeth	4-Apr-24		186535	4-Apr-24
APC	512	0847	How to Migrate DLL Toolkits to R512 in APC?	Navaneeth	4-Apr-24		186536	4-Apr-24
APC	512	0848	DCOM Hardening consistency between APC and OPC Server	Navaneeth	4-Apr-24		186537	4-Apr-24
APC	512	0849	"Some settings are managed by your system administrator" error in Windows Firewall	Navaneeth	4-Apr-24		186538	4-Apr-24
APC	513	0850	What happens when Calculate Bias in Inferentials/PSP is clicked ?	Navaneeth	4-Apr-24		135716	4-Apr-24
APC	512	0851	Plant Wide Optimizer Original Gain Negative Affected by ../ProfExec/PX/Rescale Feature	Michelle	5-Apr-24		186701	5-Apr-24
APC	512	0852	APCES – Conversion of 3rd Party Controller Files fails on some nodes	Rhonda	5-Apr-24		186801	5-Apr-24
APC	513	0853	Python code to create a list of all OPC connections in a APC Platform folder	Navaneeth	5-Apr-24		187062	5-Apr-24
APC	513	0854	How to verify Profit Suite Installation media is not corrupted?	Rhonda	5-Apr-24		135129	5-Apr-24

HPS Technical Support Contact Information:

apc.apptech@honeywell.com for North and South America regions.

apc.support.emea@honeywell.com for Europe, Middle East, Africa and Asia Pacific regions.

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Control Performance Analytics (CPA)

CPA Knowledge Article Quarter: Summary of Articles – Q1 24

We published the Summary of Articles up to the end of Q1 2024 (since the last BG Newsletter) on the portal **Process.Honeywell.com**:

Product	Release	Article #	Title (Search for full title on https://process.honeywell.com/)	Author	KAR/Internal	KA	Article	Publish Date
CPM	603	466	Procedure to update or replace required flag in GP cloud server in 603.2:	Varun	14-Dec-23		185624	14-Dec-23
CPM	610	467	procedure for configuring KPI benchmark limit column	Sathish	14-Dec-23		185631	14-Dec-23
CPM	610	468	How to resolve the patch installation failure issue in CPA 610.2 patch 1?	Rishita	14-Dec-23		185601	14-Dec-23
CPM	610	469	How to add the users or user groups in the newly added user roles in CPA 610.2 Patch1?	Jagatheesh	14-Dec-23		185204	14-Dec-23
CPM	610	470	How to add new KPI in Scheduled web report?	Jagatheesh	14-Dec-23		185670	14-Dec-23
TaiJi PID	321	471	How to enable model hierarchy to add scope after upgradation to Taiji 321?	Rishita	3-Apr-24		186055	3-Apr-24
TaiJi PID	321	472	How to fix asset hierarchy/Taiji landing page not loading in Taiji 321?	Rishita	3-Apr-24		186067	3-Apr-24
CPM	610	0473	How to resolve the CPM landing page error "ERR_SSL_KEY_USAGE_INCOMPATIBLE"?	Jagatheesh	17-Apr-24		187462	17-Apr-24

HPS Technical Support Contact Information: cpm.support.emea@honeywell.com for all global queries.

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Honeywell Forge Alarm Management

DynAMo Metrics and Reporting R202.1 Moving into Phased-Out Support in May 2024

As stated in the "Alarm Management Software Product Status" document, DynAMo M&R R202.1 will be moving from Legacy/Supported phase to the Phased-Out phase on May 1, 2024.

For Standalone Software Product releases that have been phased out, HCI 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 R2.

- 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.

The current version is **Honeywell Alarm Management | Reporting R2.2.1**. This replaces all previous DynAMo Metrics and Reporting versions.

How do you bring back active alarms that have mistakenly been manually closed using M&R Alarm Reports?

(Extract from Knowledge Article 000177506, first published January 15, 2024)

Once a standing alarm has been closed from a report, such as the DynAMo M&R's Active Alarm Report, even when the Active Sync channel produces the alarm, it will not get reinstated as the standing alarm will get filtered out because the time stamps are the same as previous alarms. To reintroduce the alarm in the Active Alarm Report, it must either be re-alarmed or closed in the DCS and a new alarm created.

The following procedure checks the alarms that have been manually closed against the Active Sync channel results and adds 100 nano seconds to the alarm time so it can get introduced as a new alarm in M&R. The Standing Alarm and Active Alarm reports will see the alarm as a standing alarm with a time that will appear the same as the value displayed in the DCS alarm summary.

1. Restart the Archive Interface service using "services.msc" by right-clicking on "Honeywell DynAMo Archiver Interface" services and select "Restart."
2. Go to the collector server and call up "Collector Configuration," and for each Active Sync channel select "Synchronize Now" and press "OK."
3. Select the "Status" tab and press "Refresh" until the "Last Sync Collection Time" has today's date and time. Repeat for all channels but be mindful that all syncs must run within a 10-minute period.
4. Once the last Active Sync has completed, or 10 minutes is approaching, stop the "Archiver Interface" service from the core server. The "Archiver" service will also be stopped.
5. From the SQL server, call up the Microsoft SQL Server Management Studio (SSMS) and log on with administrator privileges.
6. Download the zip file "Bring Back Manually Closed Alarms.zip" and extract the SQL query.
7. Select "New Query" from the menu and paste SQL query "SQL MnR Update Sync manually closed alarms with new time stamp to reinsert alarms R2.SQL" and "Execute!"
8. The query updates the VT_Start date for all previously closed alarms that are shown as active in the DynSynchQueue with a different but very close date and time.
9. From "Services.msc" start both the "Honeywell DynAMo Archiver Interface" and "Honeywell DynAMo M&R Archiver" services.
10. It will take a maximum of 20 minutes for the alarms to be updated in the reports.
11. If there are more Active Sync channels to synchronize repeat steps 1–10 until all Active Sync Channels have been synchronized and the manually closed alarms are reinstated.

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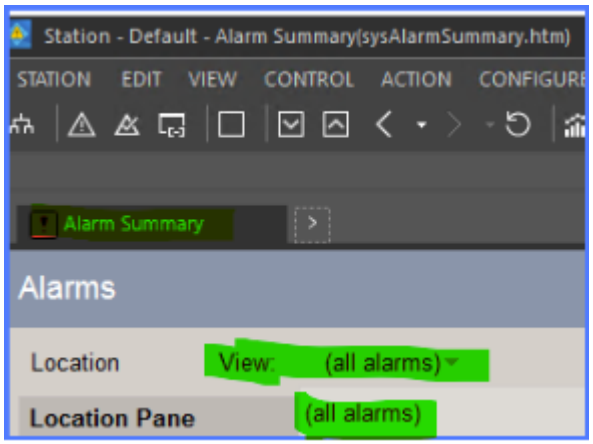
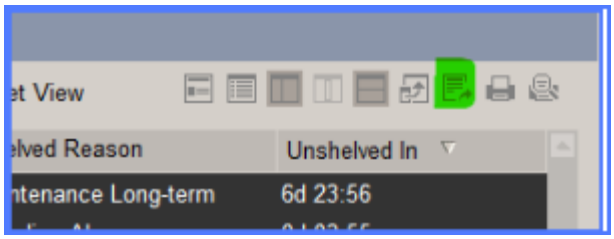
Procedure to Compare DCS and M&R Active Alarms

Check the alarms indicated in the DCS Alarm Summary from the respective console station for the selected assets against the assets in the Active Alarm report. If there are alarms that should be closed, go through each one and close when necessary. Use the below procedure to do this efficiently:

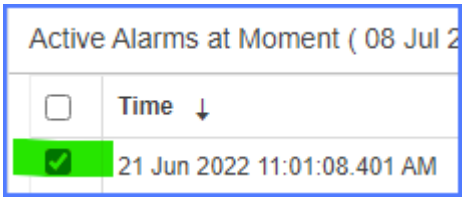
1. From the Experion Station, log on with a manager account access so you can see all the alarms.

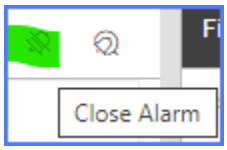


2. Select the drop-down view and click on "(all alarms)," which will remove all filters.
3. Click on the Export to CSV icon.



4. The report's name and location will be shown in the message window, the default location for reports is shown below, however might be different on your system (e.g., C:\ProgramData\Honeywell\Experion PKS\Server\data\Report\Summaryreports\Y2022M06D23H01M52AlarmSummaryReport.csv).
5. Open the report in Excel and change the date/time format as suggested.
6. Run the Active Alarm report for the selected assets with no other filters from DynAMo M&R and click "Export to Excel."
7. Compare the two reports, select any alarms that require closing and close using the close icon.





Inactive Event Stops Queue Processing Due to Process Comment

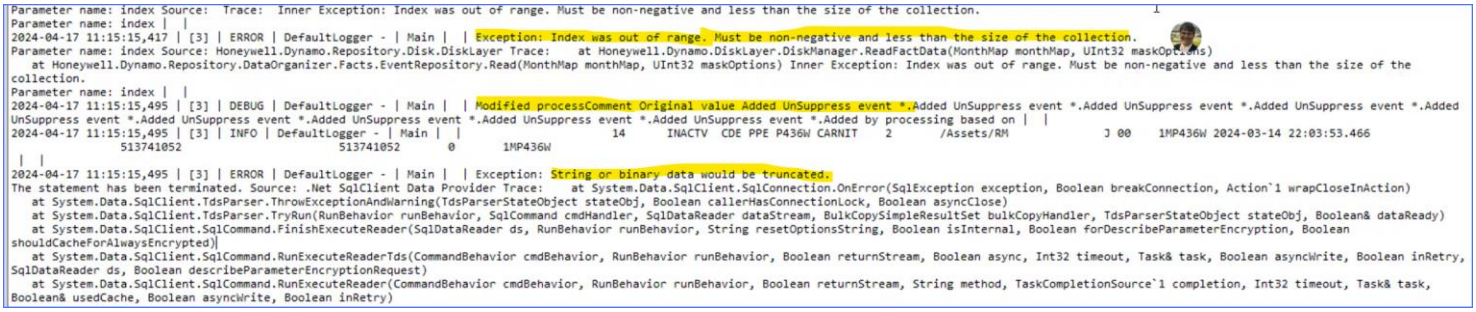
(Extract from Knowledge Article 000187476)

Symptoms

The event queue increases in size and the Archiver Interface log file contains the following errors in order:

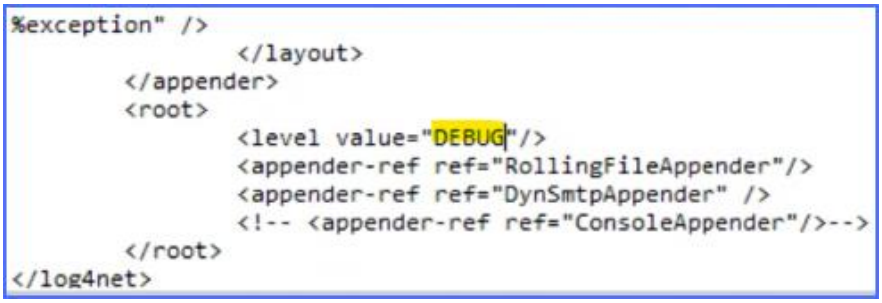
- "Exception: Index was out of range. Must be non-negative and less than the size of the collection."
- Debug message: "Modified processComment Original value Added Unsuppress event"

Error message:



Diagnosis

The Archive Interface log was changed to debug by finding file “ArchiverInterfaceLog4NetConfig.xml” under the default directory “C:\Honeywell\DynAMo\DynAMoDataFiles\ArchiverInterface” and change the level value to “DEBUG” from “ERROR” and restart the Archiver Interface service from “services.msc.”



The number of records processed was changed from the default value of 20,000 to 100 by adding or modifying the following key “ArchiverQBatchSize” and setting the processing time interval to one minute for “IncrementalUpdateInterval=1” and “AssetUpdateInterval=1” in the app settings section of “ArchiveInterfaceservice.exe.config” found under “C:\Program Files (x86) \Honeywell\DynAMo\Archiver Interface\.”

To speed up the processing, the “DisableUdpateStatistics key = false” can be added to disable the update of statistics. Note the spelling of the key.

<appSettings>
<add key="DynamoConnectionString" value="Server=DYNALMSRVR;Database=DynArchive;Trusted_Connection=True;Connection Timeout=30"/>
<add key="DiskRootFolder" value="C:\Apps\Data\Honeywell\DynAMo\DynAMoDataFiles\Analyzer Cache"/>
<add key="IncrementalUpdateInterval" value="1"/>
<add key="ShiftUpdateInterval" value="60"/>
<add key="AssetSyncBatchSize" value="150"/>
<add key="AllowScheduledJobs" value="true"/>
<add key="AssetUpdateInterval" value="1"/>
<add key="EventSyncDataCleanUpFrequencyInDays" value="1"/>
<add key="PurgeEventSyncDataOlderThanInDays" value="90"/>
<add key="ArchiverQBatchSize" value="100"/>
<add key="DisableUdpateStatistics" value="false"/>

All events were processed until the last 100, where the queue size was reduced. The record causing the issue was then detected. After finding the issue, set “updateInterval” keys back to the original values where the default is 10 and the “ArchiverQBatchsize” key back to the original value where the default is 20,000. Set the “DisableUdpateStatistics” key to “true” to ensure the update statistic is processed.

Cause

The inactive event triggers suppression logic that creates new records in the “DynEvent” table adding comments to the “ProcessComment” column, which exceeds the 250-character limit. As the record cannot be processed, the whole batch of processed points is rolled back and the queue is reprocessed again.

Resolution

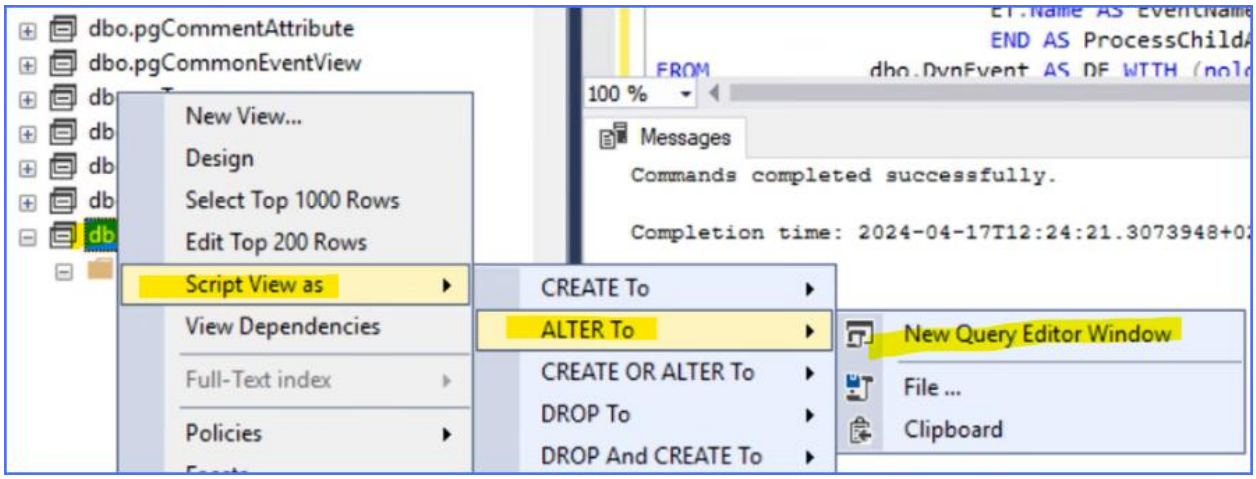
The following resolution must be applied to all R2.2.1 installations after initial installation and before events are collected:

Set the “ProcessComment” column to 255 characters in the “DynEvent” table and alter the two views, “dbo.AllEvents” and “dbo.SOE,” using the following procedure:

1. Callup database DynArchive from the SQL server using SSMS
2. Create a “New Query” and enter the following script:

```
/***** SQL MnR Change ProcessComment size to 255 characters *****/
USE DynArchive
ALTER TABLE dbo.DynEvent
ALTER COLUMN ProcessComment nvarchar(255)
```

3. Select the “Object Explorer” and expand “DynArchive” and “Views.” Right-click on “dbo.AllEvents” then select “Script View as”>“ALTER To”>“New Query Editor Window.” This will create the script, “Execute the script.” Repeat the exercise with “dbo.SOE.” Running the queries brings in the new “ProcessComment” length, ensuring the Event Investigator report and others read the correct information.



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Knowledge Article Quarter: Summary of Articles – 1Q24

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

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

Article Number	Products	Title	Summary
000183663	Alarm Configuration Manager	ACM Web "DCS Alarm Enable History" view is not working when SQL Server Native Client 11.0 is used as OLE DB provider in ACM Database Connection Utility.	In ACM Web Variable Explorer page, the DCS Alarm Enable History view is giving an error: "Please refresh the page. If the problem persists, contact your system Administrator." This happens when SQL Server Native Client 11.0 is used as OLE DB provider in
000177221	Alarm Configuration Manager	eHPM AI or DI have no alarm parameters when added to ACM.	Importing eHPM Analogue Input and Digital Input points into ACM R321.12 HotFix 4 or 5 results in no alarm parameters present and the incorrect point type for Digital Input points.
000177676	Alarm Configuration Manager	ACM rationalization tool not working.	ACM release 321.12.5 Rationalization tool release 321.12 Patch1. "Download" works fine. "Verify" gives an error.
000183584	Alarm Configuration Manager	UNCEVT TPS Param not seen in Alarm Help.	UNCEVT (Uncommanded Event) not available in ACM interface, not able to be seen in Experion Alarm Help for Operator instruction and guidance.
000186549	Alarm Configuration Manager	How can I change the alarm tag name in ACM using a tag name list?	Provide a method to easily change ACM alarm tag name from a CSV file list for any tag on any console.
000186663	Alarm Configuration Manager	Unable to apply patch to ACM R321.12.	• Trying to apply Hotfix 7 to ACM R321.12 system • Getting errors in PowerShell window: "The Process cannot access the file 'C:\Program Files (x86)\Honeywell\OPS\ACM\ACM_CSP.dll because it is being used by another process." "The Process cannot access
000186664	Alarm Configuration Manager	Unable to add HIWAY tags to ACM 321.12.7+.	When trying to add HIWAY tags to ACM get the following error: "Tag not added. Subscript out of range"
000186745	Alarm Configuration Manager	Error while performing ACM MOC process.	In ACM, a variable with tag type "Transmitter" is not moving from in-progress to proposed state.
000187239	Alarm Configuration Manager	DynAMo D&E (ACM) lost connection to the BMA system after BMA upgraded to version R520.1.	Test connection fails when tested the connection string to the BMA's AmmDB using ACM Database Connection Utility, error message popped up: "Test connection failed because open error in initializing provider. [DBNETLIB][ConnectionOpen (SECDoClientHandshake
000180960	Alarm Configuration Manager	ACM not refreshing virtual boundary value from L3 Limit Repository (LR).	ACM manager client showing no value for virtual boundary O_L _HI after refresh from LR even though the tag was in released state. L3 LR O_L virtual boundary value is updated with correct value from L4-LR sync process but not getting updated in ACM.
000176447	Alarm Performance Optimizer	What is the procedure to get APO R1.0.0 to work with multiple domains by installing hotfix 1?	APO allows only domain users from the same domain as the service account's domain. However, it needs to work with multiple domains and respond a lot quicker to the dashboard call-up.
000177679	Alarm Performance Optimizer	APO Config Utility reports "Object reference not set to an instance of an object."	Honeywell Forge Alarm Management Alarm Performance Optimizer R1.0.0 error when trying to configure a console after applying APO R1.0.0 hot fix 1.0 for multiple domain users.
000186422	Alarm Performance Optimizer	APO: Transfer Service can't connect to APO Router – HTTP 500 (Internal Server Error).	In certain cases, APO Transfer Service will exhibit the following issues: • Attempting to connect to the APO Router from the Transfer Service "Alarm Performance Optimizer -

Article Number	Products	Title	Summary
			Configuration Utility" fails. The error shown states: "Not able to connect to APO
000186448	Alarm Performance Optimizer	APO: Transfer Service and/or APO Router can't communicate using any client certificates – HTTP 403 (Forbidden).	Attempting to connect to an APO Core OR APO Router Server from the Transfer Service "Alarm Performance Optimizer - Configuration Utility" fails. The error shown states: "Not able to connect to APO Core server. Please check the logs for more info."
000186525	Alarm Performance Optimizer	APO: Unable to schedule analysis job – Analytics Package dropdown is empty/blank.	Attempting to schedule a job using the APO "Schedule Analysis" UI fails, as the "Analytics Package" dropdown in the "Create Job" dialog is empty/blank.
000186552	Alarm Performance Optimizer	Nuisance Alarm settings link disabled after licensing APO.	Nuisance Alarms settings link is missing from APO web so cannot configure APO.
000186683	Alarm Performance Optimizer	APO: Running an analysis Job shows last run status of "Data Fetching failed" – APO service account doesn't have permission to access HFAM-Reporting data.	Attempting to run a job using the APO "Schedule Analysis" UI fails, results in a "Last Run Status" of "Data Fetching failed." This issue has occurred due to the APO service account not having appropriate access to HFAM-Reporting/M&R.
000186748	Alarm Performance Optimizer	APO: Analysis jobs or "Schedule Analysis" UI elements fail to run correctly – RabbitMQ not configured correctly.	Attempting to schedule a job using the APO "Schedule Analysis" UI fails, as the "Analytics Package" dropdown in the "Create Job" dialog is empty/blank. Analysis jobs don't appear to run and/or generate recommendations. Some symptoms include jobs com
000186755	Alarm Performance Optimizer	Users not able to access the Alarm Performance Optimizer website.	Only some types of accounts (admin accounts) can access APO. Error is logged in Intuition Log.
000181943	DynAMo Metrics and Reporting	DynAMo not connecting to Yokogawa OPC server after DCOM hardening.	After recent Windows security updates connection issues with Yokogawa OPC server and Dynamo Collector. "Failure Reason: Unknown username or Bad password. Status: 0xC000006D Sub Status: 0xC0000064"
000175402	DynAMo Metrics and Reporting	How do you condense batch tags from M&R pharmaceutical-accredited sites to reduce the tag count?	Procedure to change Experion $ACTIVITY_ batch ID to main recipe name PublicName to ensure the M&R tag count does not get exceeded in pharmaceutical-based processes. The procedure changes rules files and also can adjust archived information to reduce the
000177670	DynAMo Metrics and Reporting	When trying to open HM Collector application, it gives "Access denied" error.	HM Collector not opening. When trying to open HM Collector application, it gives "Access denied. Contact system administrator" error.
000178895	DynAMo Metrics & Reporting	Configuring "https" communication between DynAMo M&R core server and cross-domain server.	Require a detailed procedure on configuring https-based communication between DynAMo core server and cross-domain/proxy server. M&R core server and cross-domain server is not working.
000185908	DynAMo Metrics and Reporting	M&R Collection stops after DeltaV Upgrade.	Following DeltaV DCS Upgrade to Version 15LTS, DynAMo M&R Collector is not connecting to DeltaV anymore. ODBC Configuration (odbcad32.exe) throws error when trying to connect to DeltaV system: "Connection failed: SQLState:'01000' SQL Server Error:772 [Micr
000186579	DynAMo Metrics and Reporting	Error while viewing the D&E Enforcement details report in M&R.	D&E Enforcement Details report in M&R is not able to be exported in both PDF and Excel. The following error is created when accessing the report from dates 13th to the 31st: "Error: An unknown server error occurred. Please contact your System Administrato
000186584	DynAMo Metrics and Reporting	Not able to view DynAMo home page.	It was working previously without any changes done on server side.
000186682	DynAMo Metrics and Reporting	M&R not collecting data.	• Dynamo M&R Collector not collecting data • Stopped suddenly • "Unable to Save channel configuration. Error WhileOpening Connection." • Test connection fails • Cannot connect to Experion system

Article Number	Products	Title	Summary
000187119	DynAMo Metrics and Reporting	Intuition Security Manager - GetRoles Exception Object reference not set to an instance of an object.	Dynamo reports will open, but only users in the “Application Administrators” group can access the reports. Also, the intuition security configuration shows error “Unexpected system error occurred.” The Log Viewer will include this related error: “GetRo
000187254	DynAMo Metrics and Reporting	DynAMo M&R failing to allocate the descriptor of the tag.	Tag description is not showing for a process tag in the report in spite of it being present as part of the event message when collected and processed into DynArchive database from DCS Event source.
000177506	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	How do you bring back active alarms that have mistakenly been manually closed using M&R Alarm Reports?	For DynAMo R202.1 and R210.1, there is no method of bringing back a manually closed alarm from an M&R report that should not have been closed. This article covers a method to bring back alarms that are still active using the Active Alarm Sync channels.
000178563	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	Experion upgrade to R520 causes DynAMo collector data corruption.	After an Experion upgrade to R520, the DynAMo M&R system using ODBC collector R50x.x caused data corruption of either the tag name or the from and to values according to what version of the driver was installed on the R2xx or HFAM|Reporting collector.
000179299	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	Fix M&R database corruption caused by incompatible ODBC drivers because of Experion R520 upgrade.	During upgrade to Experion R520.2 SHU4, the ODBC driver was not updated in the EAS collector and created database corruption. This article shows how to fix the corruption and recollect good data after the EAS upgrade.
000183489	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	How to reseed the DynEvent table.	The DynEventQueue fills up and no events can be processed into the DynEvent table. The Archiver Interface log reports the following error” “Arithmetic overflow error converting IDENTITY to data type int.” The article provides a method of reseeding the DynE
000184577	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	How can you purge data from the DynAMo analyzer cache files?	Instructions on how to purge data from DynAMo R210 and HFAM|Reporting R2.2.x analyzer configuration files.
000185928	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	How do you stop collecting system and alarm events from the DCS?	Describe methods to disable archiving for system alarm and events in DynAMo M&R and HAM|Reporting.
000186548	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	What is the “To value” indicating in the HAM report when the Parameter is “Display Call Up”?	Event Investigator Question - System Events Parameter Display Call Up - to value.
000186662	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	M&R email distribution List cannot handle multiple email addresses.	DynAMo M&R R220 emailed reports fail to send if too many email recipients.
000181735	HFAM, DynAMo Metrics & Reporting, Dynamo, Alarm Configuration Manager, Forge	Windows server COMM issue	System cannot communicate with DNS or other network computers.
000183637	Honeywell Forge Alarm Management – Reporting	R2.2.0 collector install fails at Step 2.	HFAM|Reporting R2.2.0 installation fails with the following error message in the log file: “HWInstallSequencerDynAMo Metrics & Reporting.log,” “Process has exited. Sts = 1” when executing PowerShell Script “ConfigFilesBackup.ps1.”
000186581	Honeywell Forge Alarm Management – Reporting	Test connection on collector machine is failing when trying to connect with Siemens OPC server.	It works if Matrikon OPC explorer is connected to the same OPC (for some time). However, with standard OPC connection error message: “Error: Test Connection failed.” and CollectorUI log error “Error in WCF Service Call = b__0:System.Serv.”
000186857	Honeywell Forge Alarm Management – Reporting	DynAMo landing page appears blank	DynAMo and ACM landing page appears blank and icons are not visible after loading URL.
000186859	Honeywell Forge Alarm Management – Reporting	Error in activate license request generation.	While generating license-activation file by using Activation ID in license utility webpage, it is showing the following error: “Error in activate license request generation.”
000186999	Honeywell Forge Alarm Management – Reporting	Report information not showing up after saving site changes in HAM Reporting R2.2.1.	The following reports contained no information or little information: “Standing & Stale,” “Shelved & Suppressed,” “Operator Activity,” “Sequence of Events” and “Symptomatic Report.” The DDMS view did not contain the correct information for the Configurations, Asse

Article Number	Products	Title	Summary
000187007	Honeywell Forge Alarm Management – Reporting	Malware reported on L4 Proxy server for DynAMo Metrics and Reporting.	IT department reports that their malware detection system has reported malware on DynAMo proxy server related to that rundll32.exe injected code into another process (apphelp.dll) via hollowing.
000187204	Honeywell Forge Alarm Management – Reporting	What does R2.2.1 DDMS feature "Return Duplicate Open Alarm" do?	Explain what "Return Duplicate Open Alarm" does and when to use it for regenerate cache error message, "Dupicite alarm found for tag at time: mm/dd/yyyy h:mm:ss pm" or archiver interface log file error message "Duplicate alarm found for tag at time: mm/dd."
000187259	Honeywell Forge Alarm Management – Reporting	Require explanation about shelved alarm KPI in M&R's APO report.	Shelved alarm KPI explanation and KPI data not matching.
000178625	Honeywell Forge Process Safety Analyzer	How to resolve when PSA Event Browser fails for option "Event Source" timeout exception?	PSA Event Browser fails for option "Event Source."
000178901	Honeywell Forge Process Safety Analyzer	Procedure for configuring CA certificate on PSA server	Require a detailed procedure on generating CA certificate request and deploying the CA certificate on PSA server.
000179134	Honeywell Forge Process Safety Analyzer	PSA Server sizing	How to choose what size your system is (small/medium/large) for PSA setup?
000186674	Honeywell Forge Process Safety Analyzer	How to resolve when SDA - Cause/Effect analysis shows other effects than those configured?	SDA – Cause/Effect analysis shows other effects than those configured.
000186675	Honeywell Forge Process Safety Analyzer	PSA Safety Overview - Saving comments does not work after entering comments.	PSA Safety Overview - Saving comments does not work.
000186677	Honeywell Forge Process Safety Analyzer	How to troubleshoot when PSA-published XML files end up in DataWarehousePublishingError.	PSA-published XML files end up in DataWarehousePublishingError and are not processed.

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Honeywell Operations Management

FAQ: How to configure Alarm Snippet

(Extract from Knowledge Article 000187121, first published March 19, 2024)

Question

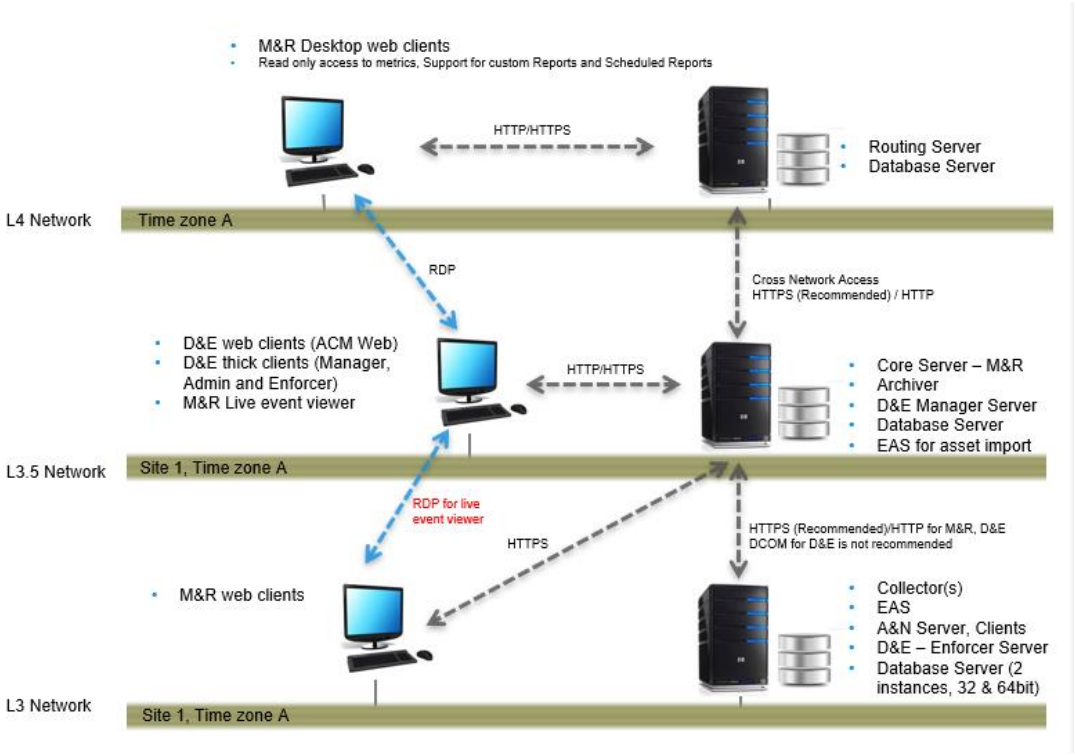
Is it possible for an operator to view how the previous operator has shelved or suppressed the previous alarm?

Background

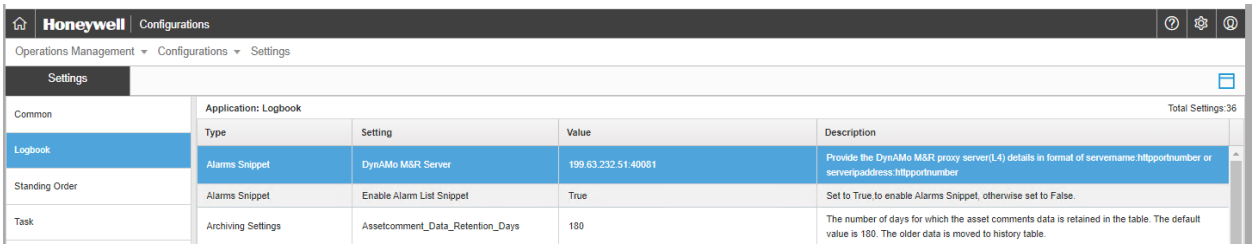
Alarm snippet is a link between Honeywell Forge Alarm Management (HFAM) and Honeywell Forge Operations Logbook (HFOL). Alarm snippet helps operators view the alarm status so they can take appropriate actions and ensure that the plant is safe.

Answer

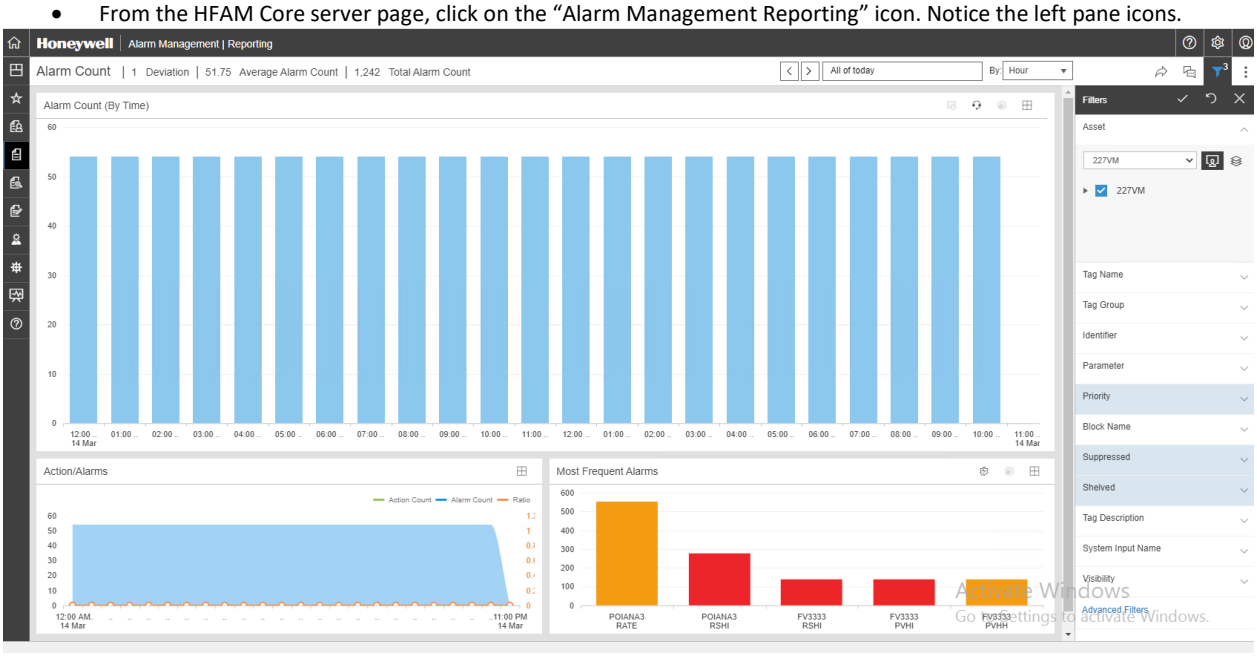
Before configuring the alarm snippet, the prerequisites must be satisfied per the Honeywell Forge Operations Logbook configuration guide. HFAM L3 Core/Archiver server and L4 Proxy server are built and configured.



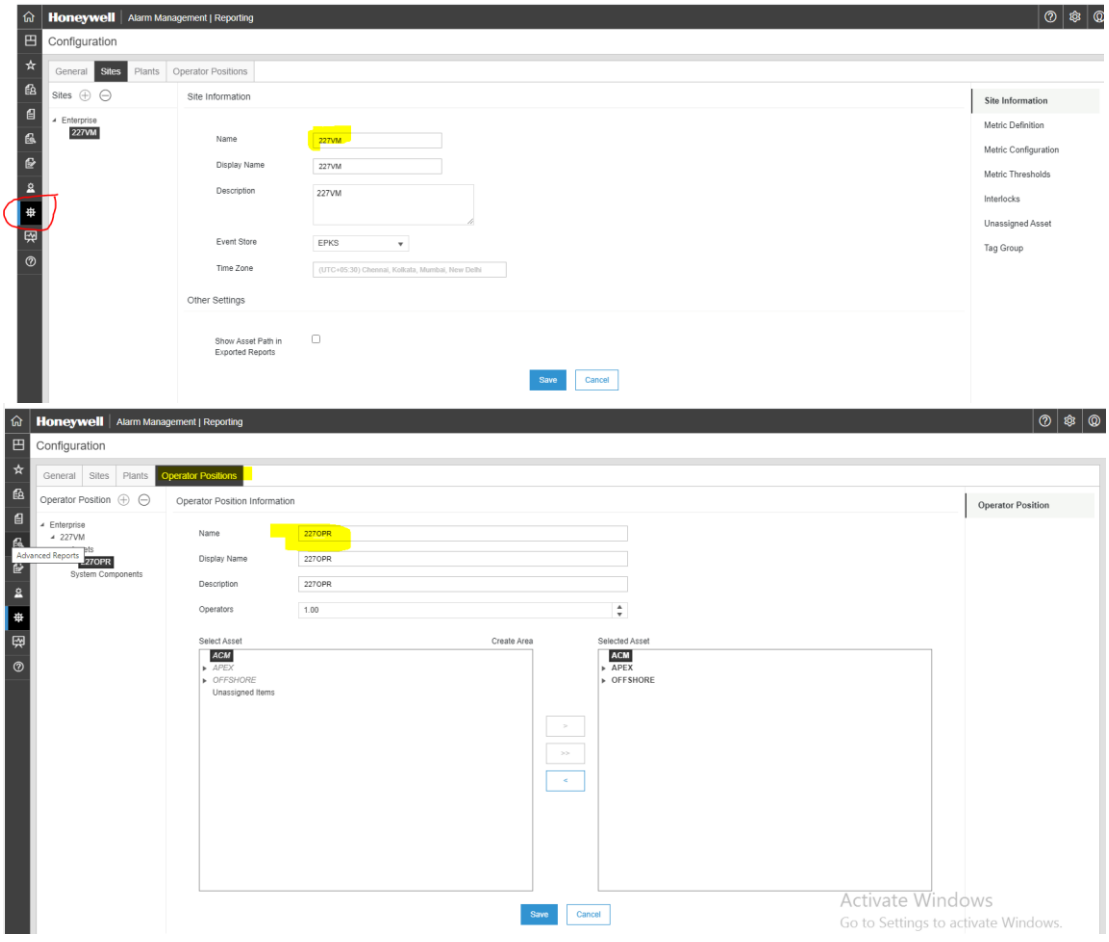
- Provide the HFAM (formerly DynAMo M&R) Proxy server detail in the Logbook setting and change “Enable Alarm List Snippet” to “True.”



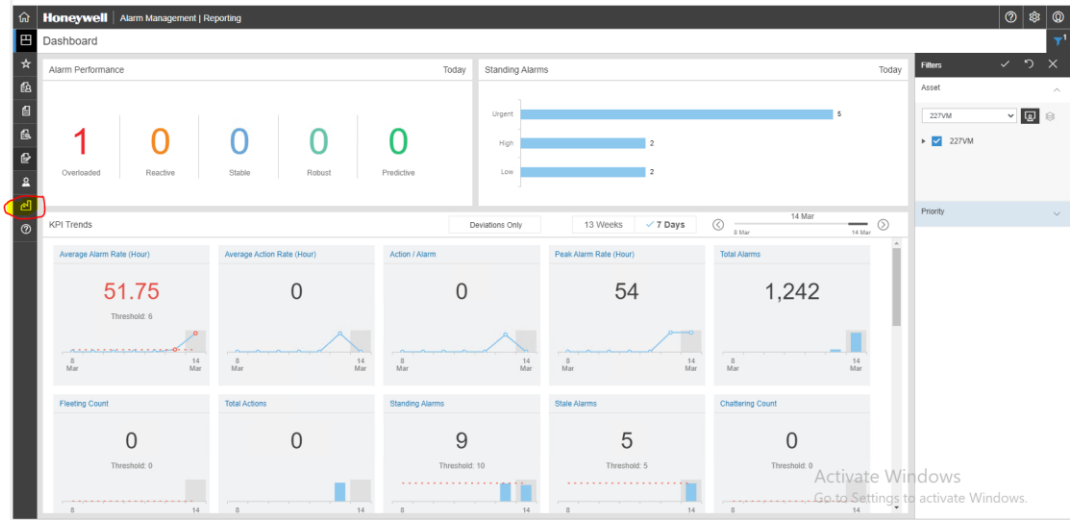
- From the HFAM Core server page, click on the “Alarm Management Reporting” icon. Notice the left pane icons.



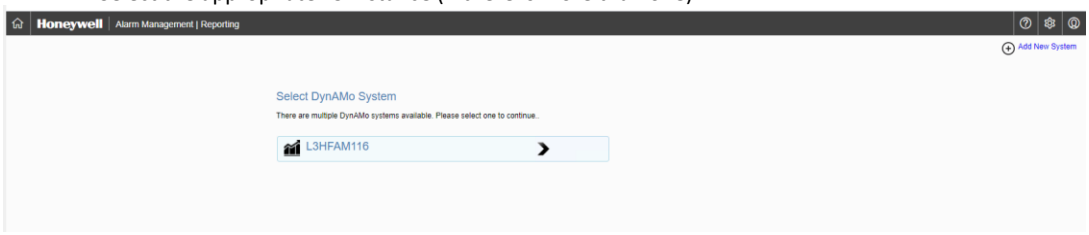
- Obtain the required site and operator position from the “Configuration” setting.



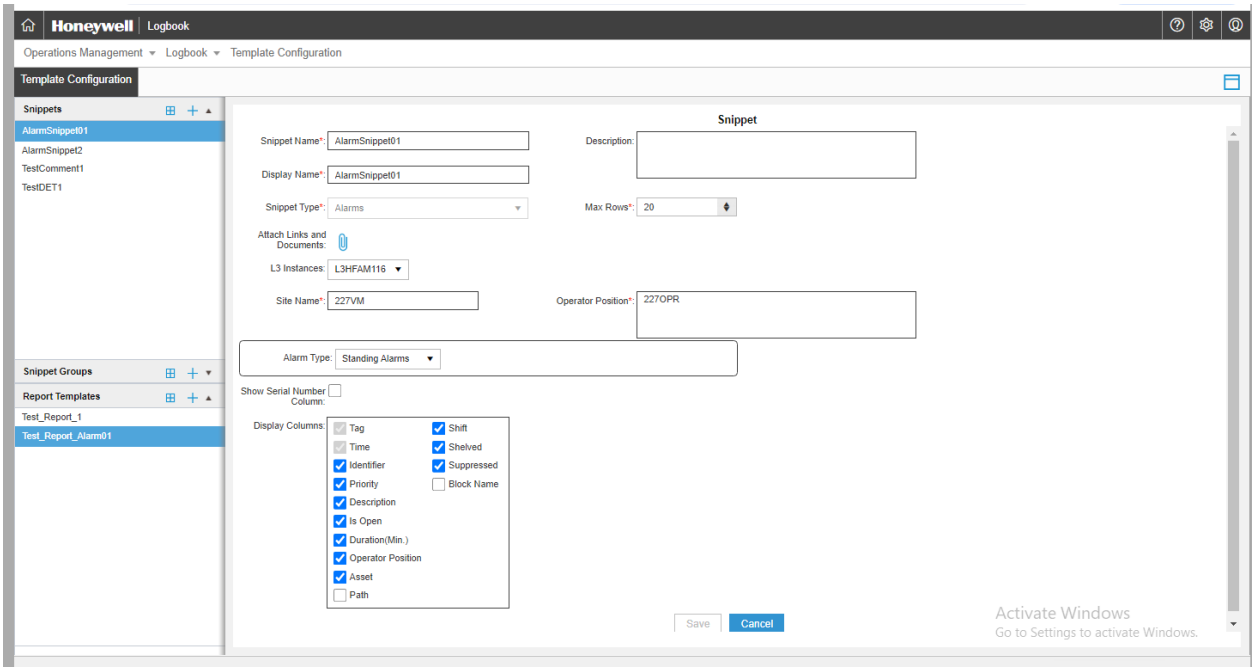
- From the HFAM Proxy server home page, click on the “Alarm Management Reporting” icon. Notice how the left pane icons are different between the L3 and L4 Proxy servers to differentiate between them. Click on “Select Instance” to find the L3 instance value.

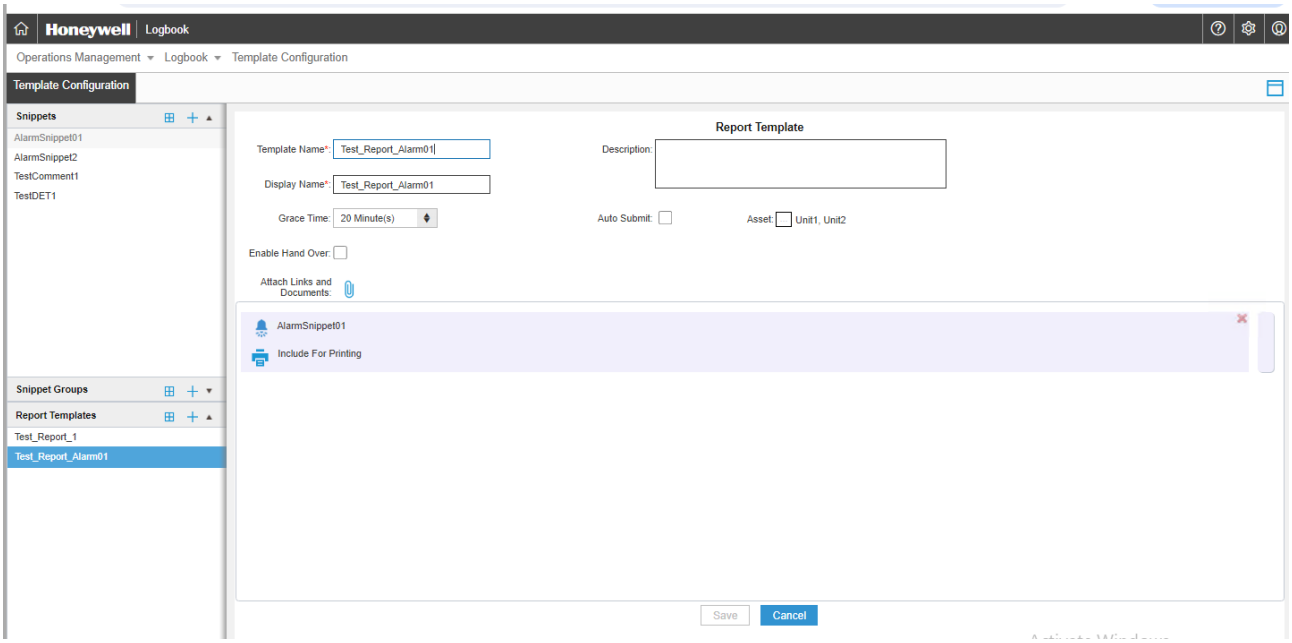


- Select the appropriate L3 instance (if there is more than one).

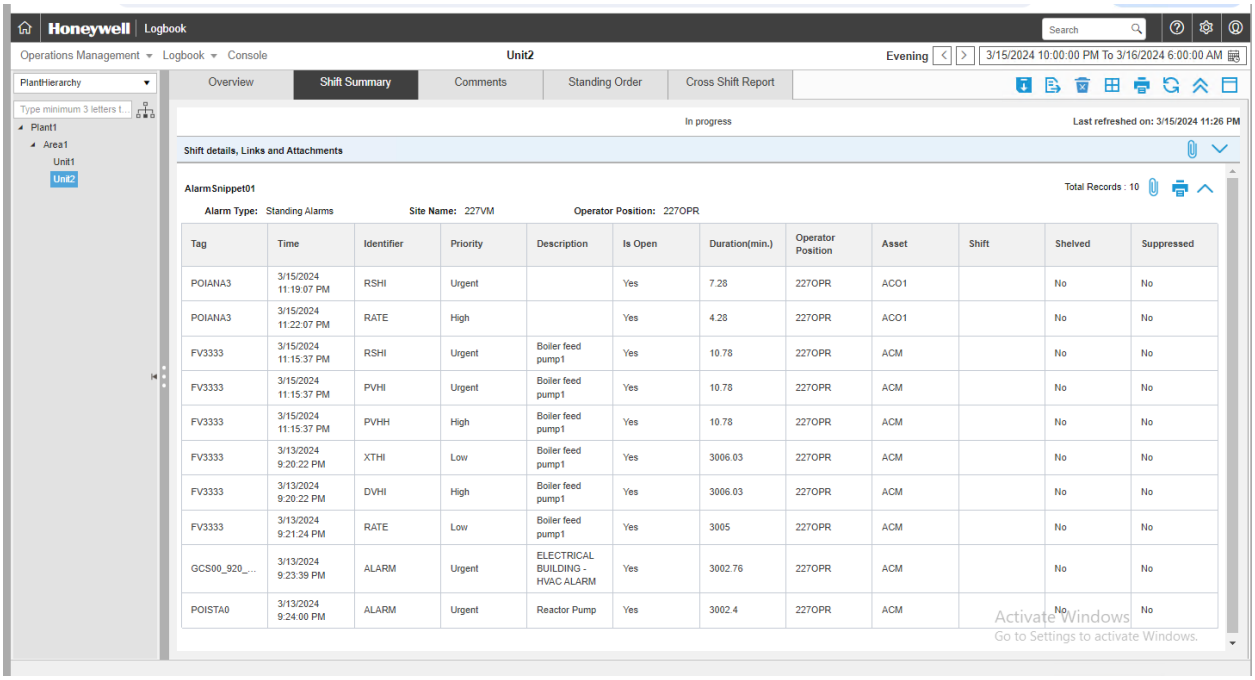


- Configure the alarm snippet. Select the alarm type. Configure report.



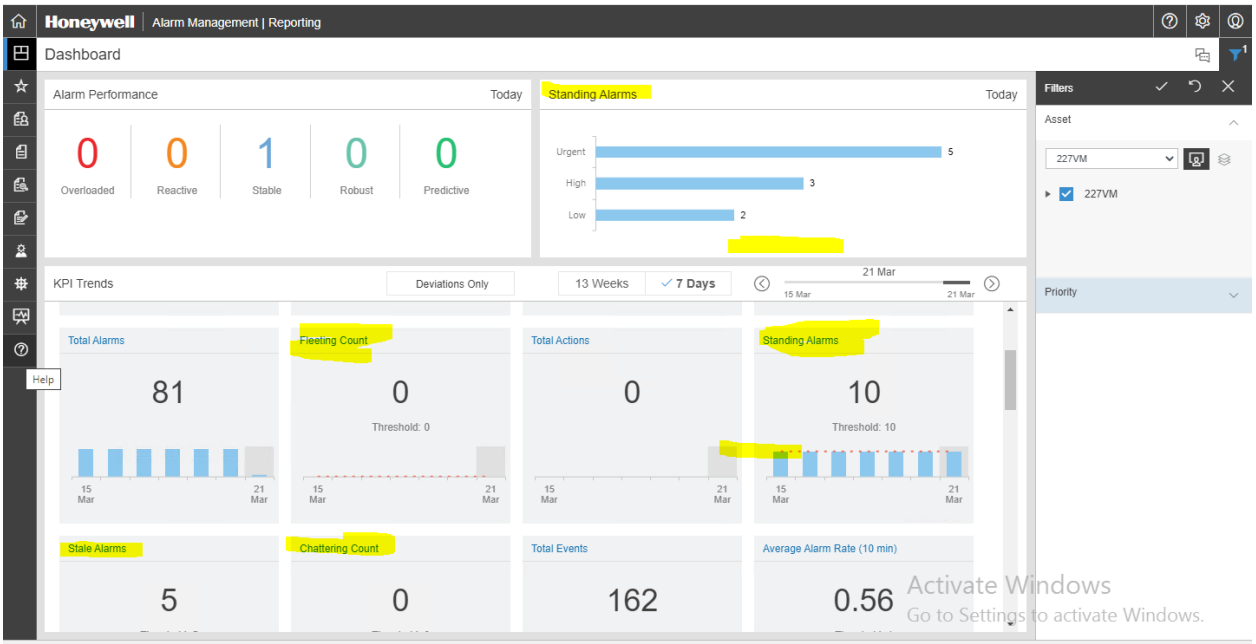


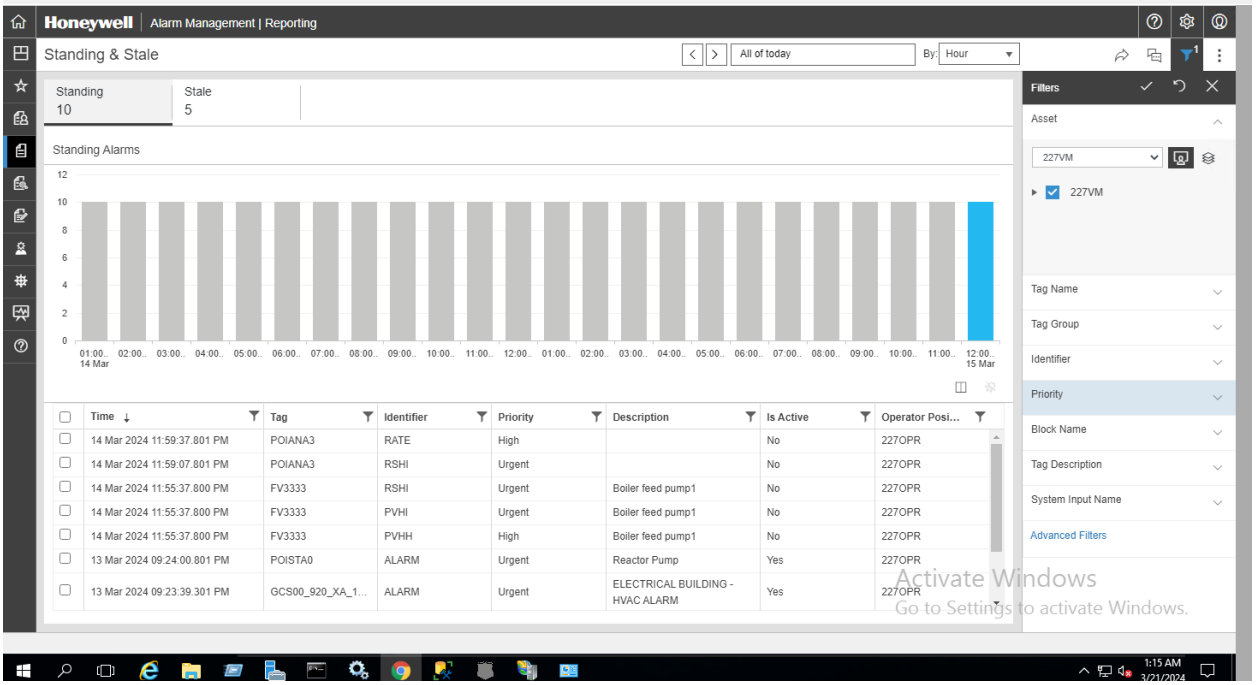
- Create a Shift Summary report.

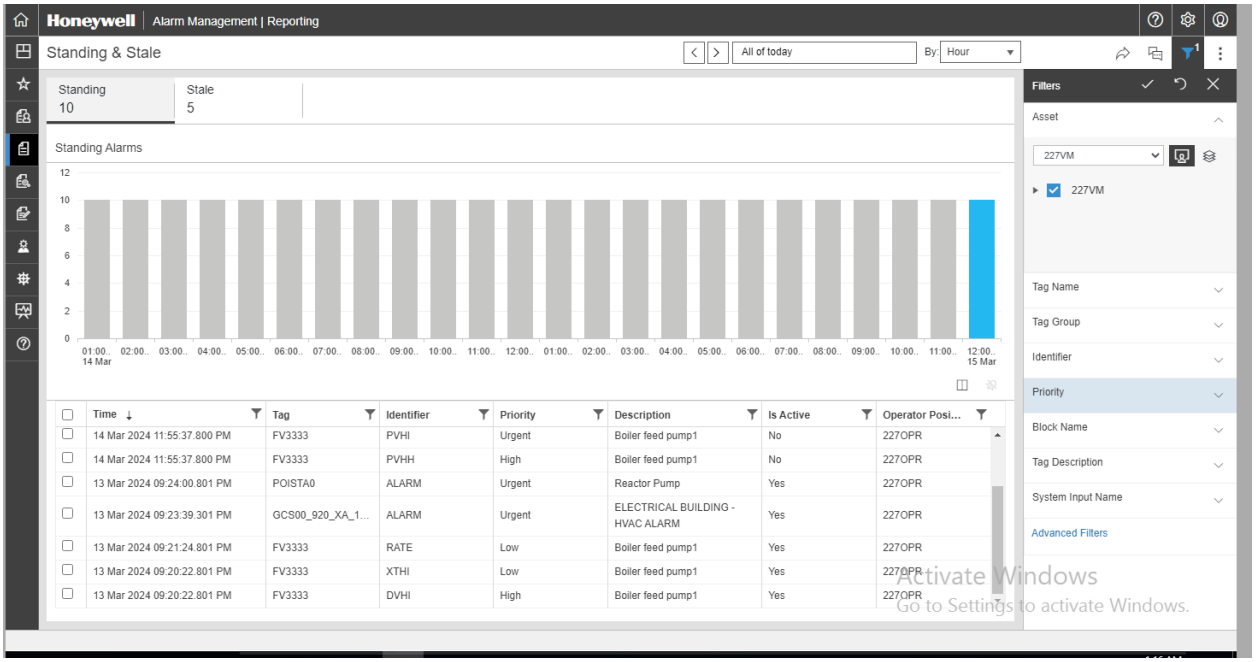


- Verification in HFAM.

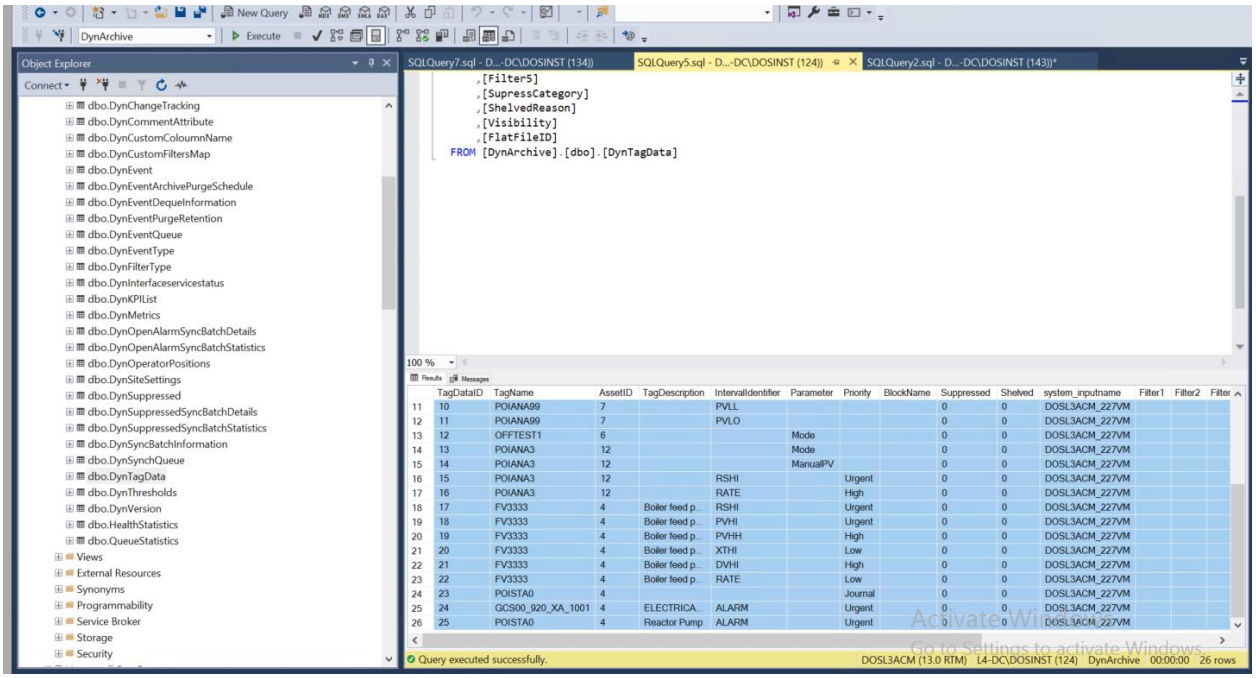
From the dashboard, there are 10 standing alarms, matching with the report using the alarm snippet:


Honeywell | Alarm Management | Reporting
Dashboard
Alarm Performance
Today
0
Overloaded
0
Reactive
1
Stable
0
Robust
0
Predictive
Standing Alarms
Today
Urgent
5
High
3
Low
2
Filters
Asset
227VM
227VM
Priority
KPI Trends
Deviations Only
13 Weeks
7 Days
21 Mar
15 Mar
21 Mar
Total Alarms
81
Fleeting Count
0
Threshold: 0
Total Actions
0
Standing Alarms
10
Threshold: 10
Stale Alarms
5
Chattering Count
0
Total Events
162
Average Alarm Rate (10 min)
0.56
Help
Activate Windows
Go to Settings to activate Windows.

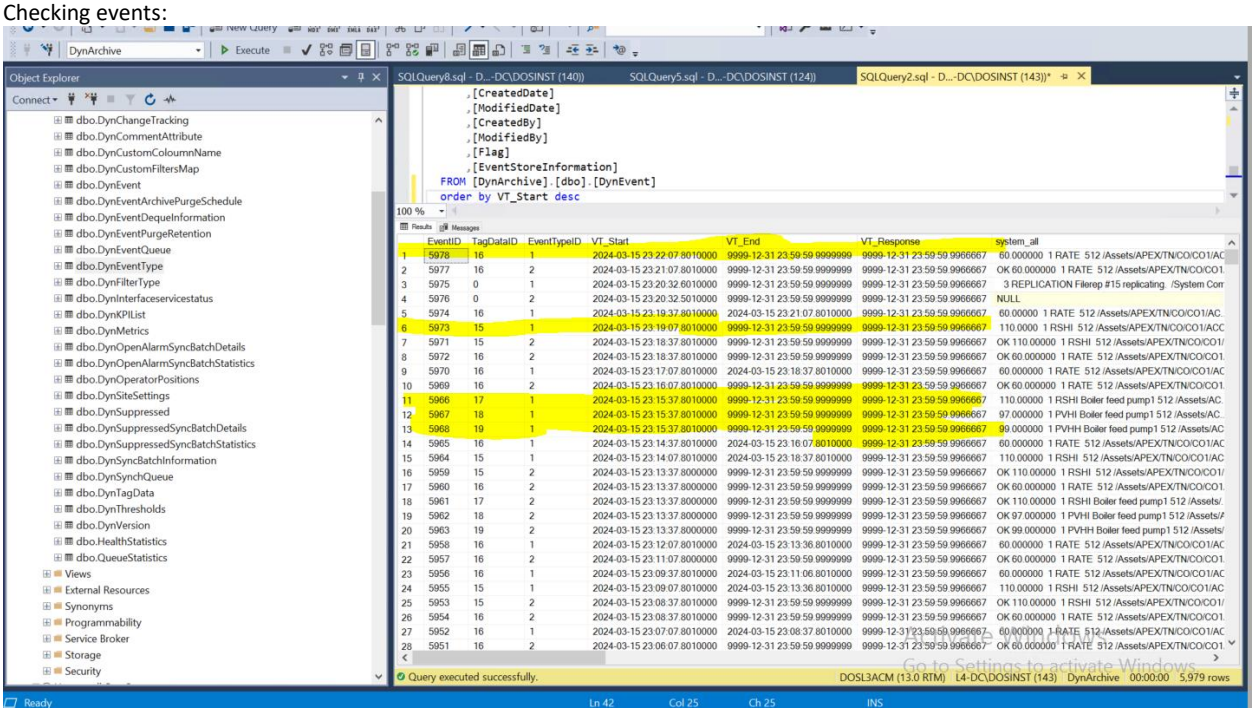

Honeywell | Alarm Management | Reporting
Standing & Stale
All of today
By: Hour
Standing
10
Stale
5
Standing Alarms
Filters
Asset
227VM
227VM
Tag Name
Tag Group
Identifier
Priority
Block Name
Tag Description
System Input Name
Advanced Filters
Time
Tag
Identifier
Priority
Description
Is Active
Operator Posi...
14 Mar 2024 11:59:37.801 PM POIANA3 RATE High No 227OPR
14 Mar 2024 11:59:07.801 PM POIANA3 RSHI Urgent No 227OPR
14 Mar 2024 11:55:37.800 PM FV3333 RSHI Urgent Boiler feed pump1 No 227OPR
14 Mar 2024 11:55:37.800 PM FV3333 PVHI Urgent Boiler feed pump1 No 227OPR
14 Mar 2024 11:55:37.800 PM FV3333 PVHH High Boiler feed pump1 No 227OPR
13 Mar 2024 09:24:00.801 PM POISTA0 ALARM Urgent Reactor Pump Yes 227OPR
13 Mar 2024 09:23:39.301 PM GCS00_920_XA_1... ALARM Urgent ELECTRICAL BUILDING - HVAC ALARM Yes 227OPR
Activate Windows
Go to Settings to activate Windows.

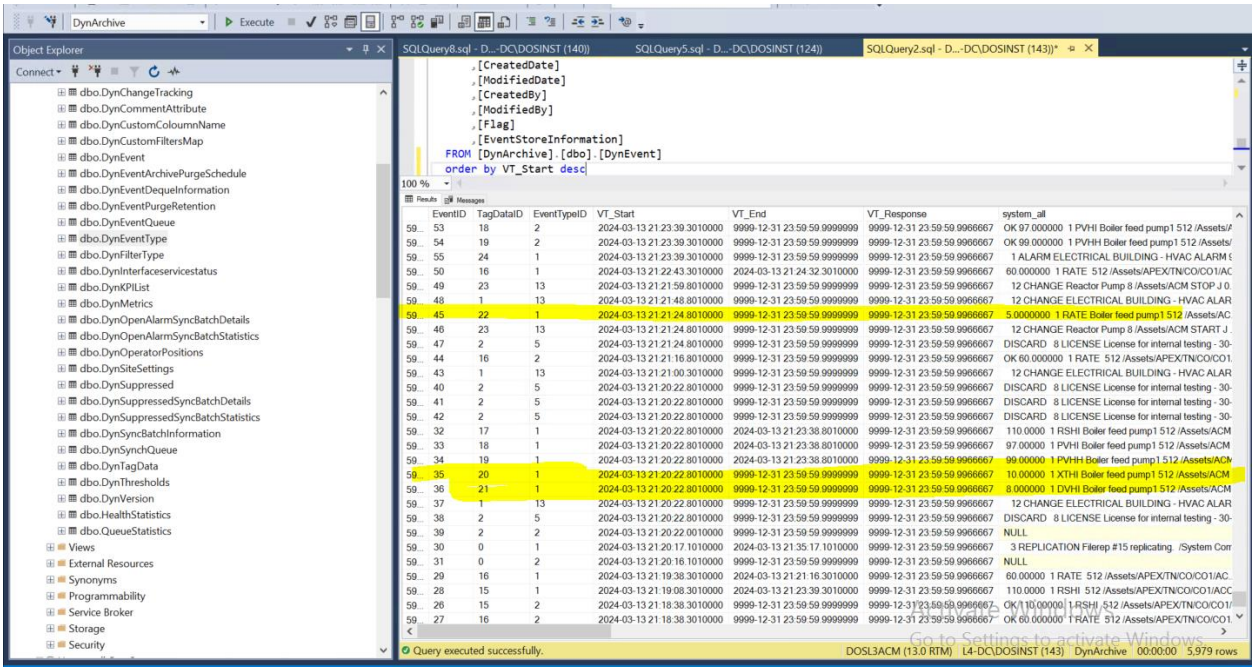


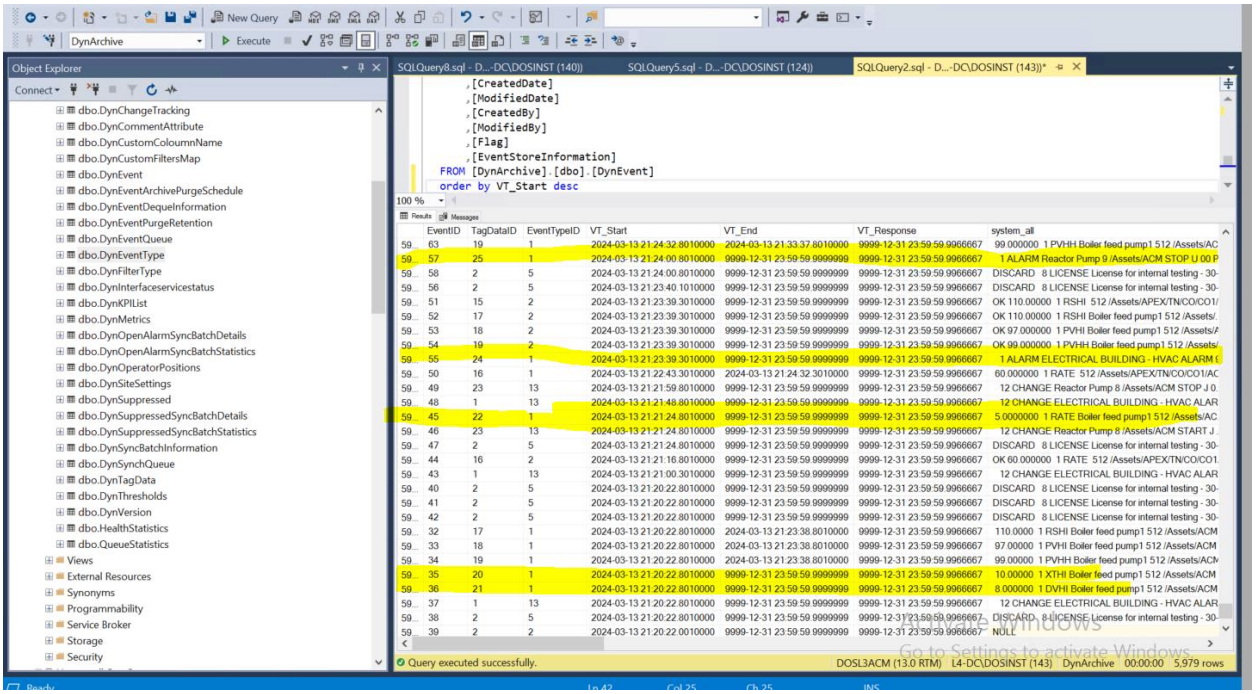
Tag references:



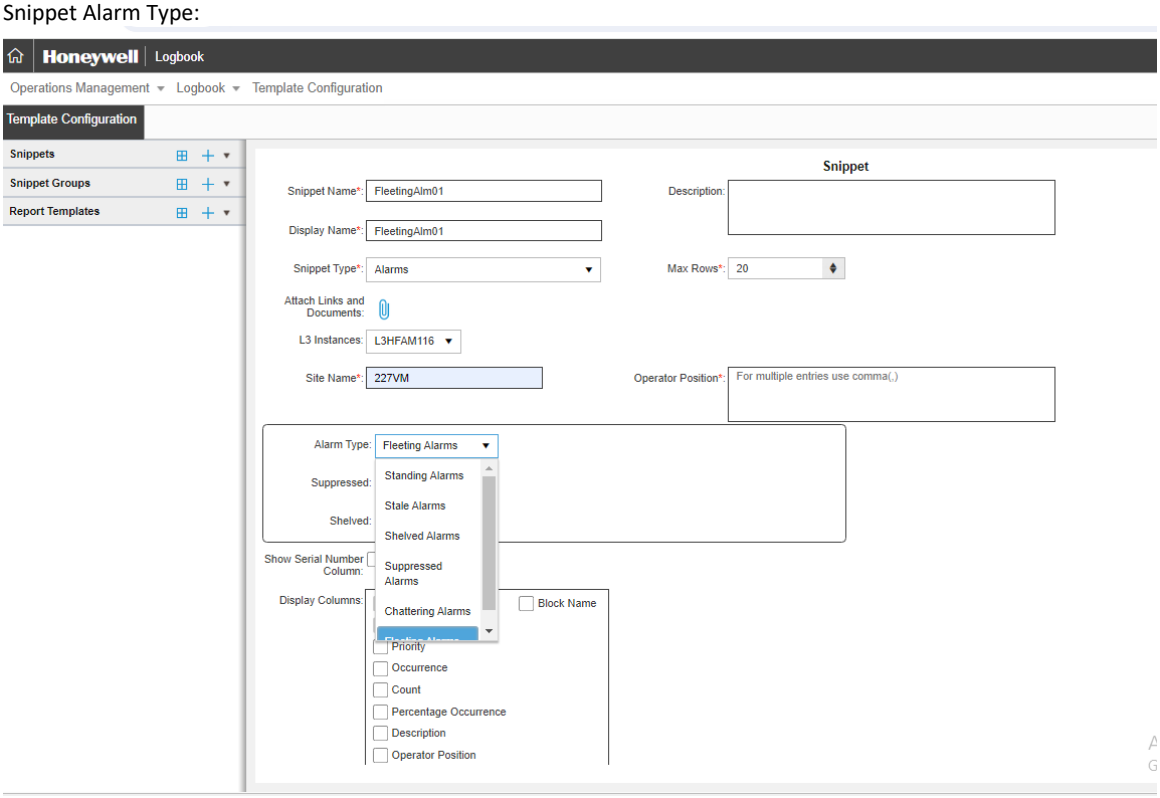
Checking events:

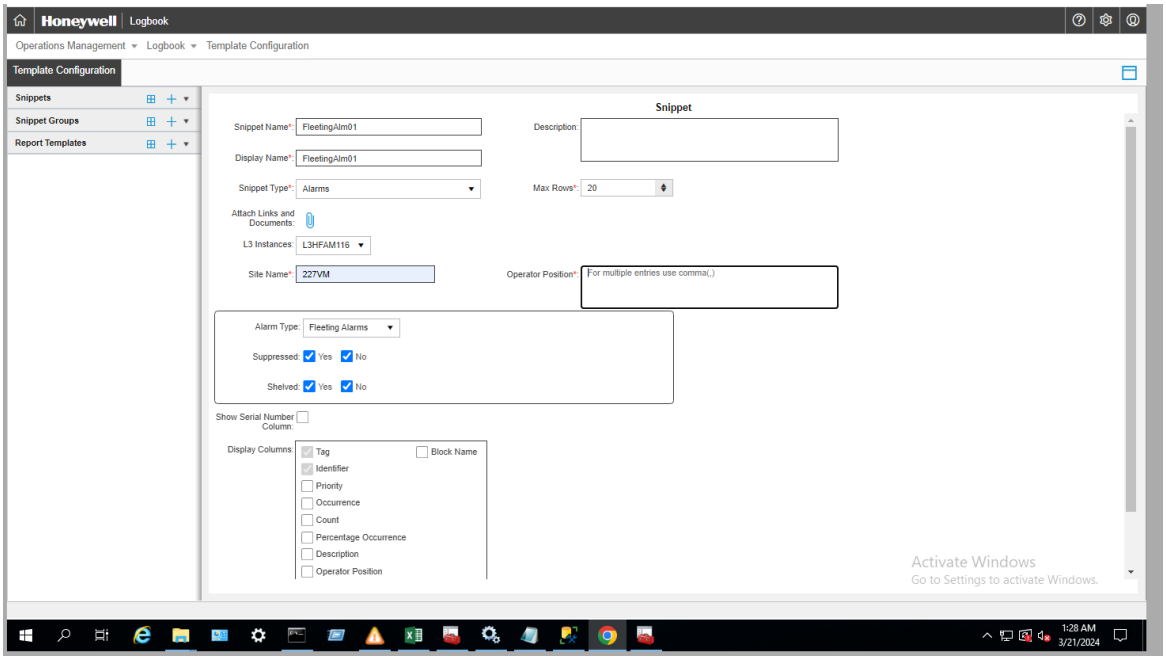




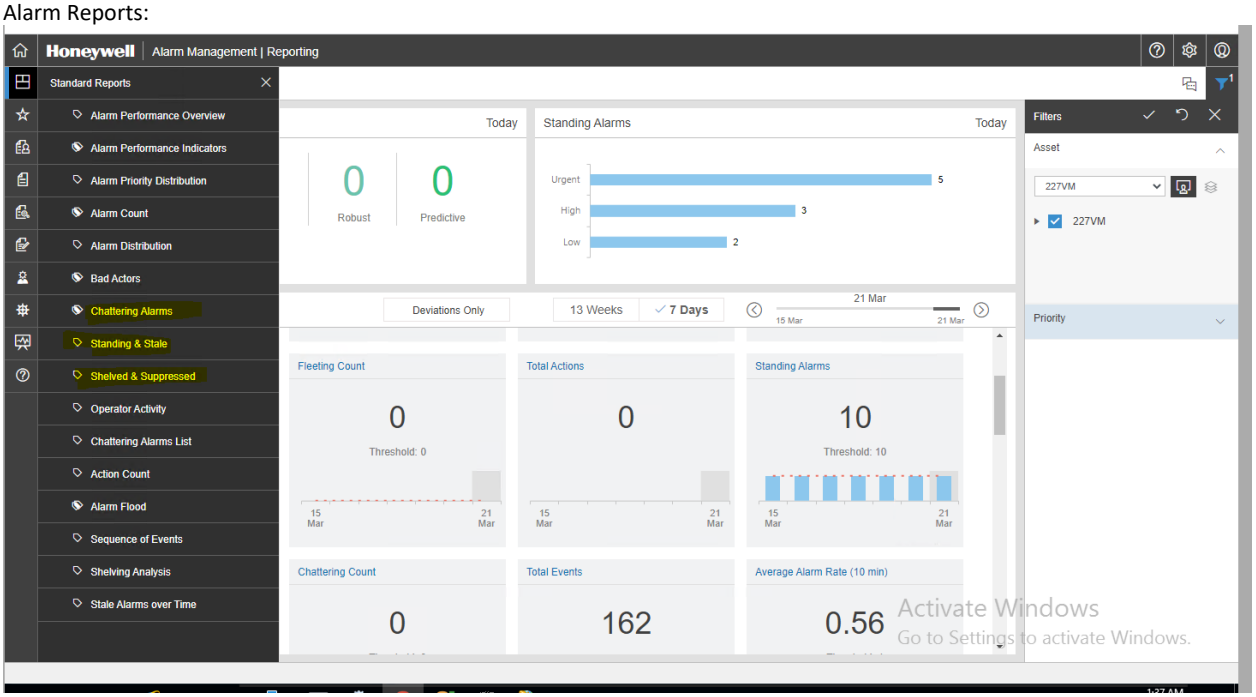


Snippet Alarm Type:





Alarm Reports:



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Knowledge Article: Summary of Articles – Q1 23-Q1 24

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

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

Article Number	Products	Title	Summary
000185627	Honeywell Forge Operations Logbook	Report fails to fetch data from SQLDataSource.	"Error occurred. Error in fetching data" is observed in Shift Summary report.
000185682	Honeywell Forge Operations Logbook	"Please contact the system administrator" error when viewing roll-up report.	"Please contact the system administrator" error when viewing roll-up report in Logbook.
000176510	Honeywell Forge Operations Logbook, Honeywell Forge Operations Monitoring	Unable to associate a template to a new asset.	Summary: User is unable to associate a template to new asset in Logbook.
000187121	Honeywell Forge Operations Logbook, Honeywell Forge Operations LogBook	How to configure alarm snippet in Logbook.	How to integrate HFOM with HFAM for alarm snippet.
000175955	Honeywell Forge Operations Monitoring	DOM query about notification rule.	Is there a query to find out about which notification rules have been configured for which assets? Is it email or popup, and if email, which users receive the email?
000176507	Honeywell Forge Operations Monitoring	Question about time zone used in DOS.	Questions about time zone used in DOS.
000178395	Honeywell Forge Operations Monitoring	The order of displayed assets in health monitoring does not match the order of assets in hierarchy.	Summary: In FOM 240.1, the order of displayed assets in health monitoring does not match the order of assets in hierarchy on the same page.
000179059	Honeywell Forge Operations Monitoring	Refresh icon appears twice in Monitoring summary page.	Summary: Refresh icon appears twice in Monitoring summary page in DOM R242.
000185289	Honeywell Forge Operations Monitoring	L4 & L3 Certificate Renew Procedure	Renewed CA certificate configuration procedure in L4 and L3.
000187047	Honeywell Forge Operations Monitoring	In ACM, alarm tag name update reflect in L3LR.	Impact of updating ACM alarm tag to LR.
000176484	Honeywell Forge Operations Monitoring, Honeywell Forge Operations Management	Unexpected system error after HFOM upgrade.	Summary: After upgrade of DOM R230.2 to HFOM R244.1, the MES Landing page reports "/Scope/UnauthorisedException"
000182595	Honeywell Forge Operations LogBook	High disk space consumption on Logbook server.	Drive where Logbook reports are stored runs out of disk space.
000182954	Honeywell Forge Operations LogBook	Table snippet returns random record count of data on each refresh of Shift Summary in Progress Reports and also in preview of table snippet.	Table snippet returns random record count of data on each refresh of Shift Summary in Progress Reports and also in preview of table snippet. But if we run the same query in DB, it always returns a constant record count all the time.
000183006	Honeywell Forge Operations LogBook	"Contact the system administrator" error when creating shift report containing special character with enabled auto copy.	While creating shift reports, if the auto copy feature is enabled, and if the data contains special characters (for example "-"), you may get the error message, "Contact the system administrator."
000184680	Honeywell Forge Operations LogBook	An existing standing order is completed automatically when a new standing order is created.	When creating an operational instruction, the previous one is completed.
000183427	Honeywell Forge Operations LogBook, Honeywell Forge Operations Management	Log-on/log-off in Logbook when changing the user.	Is there a log-on/log-off feature in Logbook?
000183428	Honeywell Forge Operations LogBook, Honeywell Forge Operations Management	HOTO works on server but not on client machine in workgroup.	Summary: On the server, the HOTO works but on the client machine with a local user, the top window of HOTO (where username/password, validate button, etc.) is not displayed. Server name is used in the URL on the server, but IP address is used in the URL of the client machine.

Article Number	Products	Title	Summary
000186782	Honeywell Forge Operations LogBook, Honeywell Forge Operations Management	Unable to start IIS on Logbook server.	Unable to start up IIS in R246 Logbook server after changing NIC.
000186784	Honeywell Forge Operations LogBook, Honeywell Forge Operations Management	Unable to start up Logbook app pools in R246.1.	Logbook app pools failed to start up even though IISreset is successful. “Keyset does not exist” error is observed when entering the password again for the app pool.
000186785	Honeywell Forge Operations LogBook, Honeywell Forge Operations Management	Logbook app pool failed to start due to corrupted certificate.	After certificate change, logbook app pools failed to start up in R246.1.
000182599	Honeywell Forge Operations LogBook, Honeywell Forge Operations Management, Honeywell Forge Operations Monitoring	SQL Query Configuration icon is not displayed on landing page.	SQL Query Configuration icon is not appearing on landing page.
000182686	Honeywell Forge Operations LogBook, Honeywell Forge Operations Management, Honeywell Forge Operations Monitoring	Understanding HFOM license	How is HFOM licensed?
000185287	Honeywell Forge Operations LogBook, Honeywell Forge Operations Management, Honeywell Forge Operations Monitoring	Why is a certain limit type not listed in “Monitoring” filter or “Logbook Monitoring Snippet” filter?	Certain limit types are not displayed on Monitoring Summary page filter or in Logbook Monitoring Snippet filter.
000186110	Honeywell Forge Operations LogBook, Honeywell Forge Operations Monitoring	Unable to save scope in Honeywell Forge Operations Management R244.1.	“The transaction associated with the current connection has completed but has not been disposed. The transaction must be disposed before the connection can be used to execute SQL statements.” error is observed when save scope in HFOM R244.1.
000182601	Honeywell Forge Operations Management	LR 245.1 fails to integrate with Experion R500.2.	LR Experion integration fails with error “A start element with the name ‘IsNew’ and namespace ‘http://Honewyell.MES.LimitRepository.Service’ was found, but not expected.”
000183606	Honeywell Forge Operations Management	HFOM246.1 application activated license not reflected in application.	Customer successfully activated the license but features not reflected in application license information Tab.
000184087	Honeywell Forge Operations Management	HFOS246 License Utility Certificate update	License Utility URL is not opening and throwing error.
000184362	Honeywell Forge Operations Management	Activating HFOM License in License Utility error thrown, but its activation is not reflected in application.	HFOM 246.1 License is not getting activated to application in production environment.
000184363	Honeywell Forge Operations Management	HFOM246.1 upgrade in coexistence environment with UI.	HFOM 244 to HFOM 246.1 production upgrade with coexistence of UI.
000185088	Honeywell Forge Operations Management	The resource cannot be found and license errors in HFOM.	Summary: “The resource cannot be found” error is observed on the overview page while a license error is observed on Monitoring page. (ERROR: “The transaction log for database ‘Honeywell.MES.Operations.DataModel.OperationsDB’ is full due to ‘LOG_BACKUP.’”)
000185135	Honeywell Forge Operations Management	Intuition Core Excel add-in system catalogs are not loading.	Intuition Excel add-in is not working.
000185959	Honeywell Forge Operations Management	Operations alert client not connecting with server.	Operations alert client is showing reconnecting and not showing alerts.
000186097	Honeywell Forge Operations Management	HFOM R245 rename node script error.	Rename node HFOM 245 script error: “Invalid object name ‘Honeywell.MES.Core.DataModel.SystemCatalogs.dbo.Services.’”
000186098	Honeywell Forge Operations Management	Honeywell Forge Operations Monitoring email notification is not working.	Honeywell Forge Operations Monitoring R245.1 email notification is not working after notification is configured and deviation is triggered. This happens when HFOM and HFAM databases are installed on the same server.
000186160	Honeywell Forge Operations Management	HFOM R246 License activation fails with “ACTIVATION_IO_COUNT_EXCEEDED” error.	Unable to activate HFOM R246.1 license due to “ACTIVATION_IO_COUNT_EXCEEDED” error.
000186513	Honeywell Forge Operations Management	SQL query failed because of incorrect syntax.	SQL query failed even though the test passed.

Article Number	Products	Title	Summary
000185379	Honeywell Forge Operations Management, Honeywell Forge Operations Monitoring	How to integrate monitoring/logbook with IP21 server?	What steps are required to integrate monitoring/logbook with IP21 server?
000185724	Honeywell Forge Operations Management, Honeywell Forge Operations Monitoring	No results returned in Limit Repository Console display in HFOM R246.1.	HFOM R246.1: No results returned in Limit Repository Console display. An error occurred. Error in fetching variables data from “databaseundefined.”
000185727	Honeywell Forge Operations Management, Honeywell Forge Operations Monitoring	LR Console page is taking time to load the variables at root level and child level.	Performance issue in Limit Repository pages. It takes roughly 30 seconds to return results for the ~11,000 variables against many assets. Results are quicker if changing “Include Children” setting to “false” or if filter on a variable keyword. Variable
000185773	Honeywell Forge Operations Management, Honeywell Forge Operations Monitoring	User is unable to set a default site name at LR Variable Limits page.	Select a site name at Limit Repository Variable Limits page. Close and open browser again. The site name is changed.
000186900	Honeywell Forge Operations Management, Honeywell Forge Operations Monitoring	Limit Value cannot be modified as the user does not have permission for this Limit Type message.	HFOM R246.2: Limit value cannot be modified as the user does not have permission for this Limit Type. Message is observed when opening a Limit Repository variable.
000182836	Honeywell Forge Operations Monitoring	In LR Limit Values, sync is taking too much time.	LRS Limit values getting a timeout error.
000183031	Honeywell Forge Operations Monitoring	Unable to create instructions notification.	Unable to create instructions notification.
000183224	Honeywell Forge Operations Monitoring	“Unable to connect to OPC source” error on “Trend” tab in HFOM.	“Unable to connect to OPC source” error is observed when clicking on “Trend” tab in Honeywell Forge Operations Monitoring (HFOM) R244.
000183310	Honeywell Forge Operations Monitoring	Some variable limits details were not captured in Limit Violation Report.	Two variables with similar configurations with respect to limits were there in LR. Only one is displayed in the Generated Limit Violation Report Excel sheet and not the other.
000183771	Honeywell Forge Operations Monitoring	Monitoring is not catching up when Historian is down for a period of time.	Tag Monitoring is not able to pull process data after Historian is down for a period of time.
000185686	Honeywell Forge Operations Monitoring	Service runtime account cannot access database.	Service run time account can't access database HFOM 245 with error “Cannot open database ‘Honeywell.MES.Shift.DataModel.ShiftModel’ requested by the login. The login failed.”
000187352	Honeywell Forge Operations Monitoring	Re-provisioning of LR MiniACM DB.	After the ACM321.12 HF7 update, the MiniACM DB sync at L4 LR has error: “Expected column ‘LR_DATA_SOURCE’ was not found on the DataTable to be applied to the destination table ‘VT_Console.’” This article will help to resolve the same.
000185946	Uniformance Executive	UNEX state indicator based on different measures.	We need to highlight the quantity cell based on the Delta column. Condition for state indicator is if Delta > LL then it is green; otherwise, it is Red. Currently, there is an option to apply only a state indicator on the same measure.
000187292	Uniformance KPI	SSRS reports are not accessible from the web; portal says, “The Service is not available.”	SSRS report server version is migrated from the older version to the new version, then SSRS web service didn’t seem to have a problem. You could browse the web service and render reports.

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Honeywell Production Management

Production Accounting and Reconciliation R212.2

Honeywell Connected Industrials is proud to announce the release of Honeywell's Production Management (HPM) – Continuous Production Accounting and Reconciliation (PAR) R212.2, the production management software solution for refinery, petrochemicals and MMM.

Honeywell's Production Management – Continuous Production Accounting and Reconciliation (PAR) is part of the operations and performance management portfolio of software and services, which provides an end-to-end solution for Production Management. From production accounting to reconciliation and analysis, it is a comprehensive, scalable solution built on deep domain knowledge to drive better business decisions and continuous improvement and achieve production management excellence. Honeywell's Production Management – Continuous (PAR) has also been designed to integrate seamlessly with Honeywell's Process Historian Database (PHD) and is capable of supporting Blending and Movement Systems.

The extensive feature set and robust logic have been further enhanced in the 212.2 release. The key improvements span:

- **Bulk Import of Inventory:** Manual data entry is simplified now and allows users to import bulk inventory data from Excel sheets. This feature is available for inventory management models. For more information, refer to the "Importing Inventory Data" section in the PAR User Guide.
- **Bulk Import of Composition:** Data allows manual entry of individual composition data with the import of bulk composition data from Excel sheets. This feature is available for inventory management (IM) models. For more information, refer to the "Importing Composition Data" section in the PAR User Guide.
- **Export Inventory Data with UOMs Segregated:** Users can now export inventory data with UOMs and values in different cells. The exported Excel now captures the measured, specified, calculated and recalculated values separately.
- **Product Description in Composition Grid:** The composition details table has been enhanced to display product description information.
- **Change Views When Case Is Not in Active Status:** View functionality in the inventory details page has been enhanced to allow users to change views even when the case is not in active status.
- **Reading Flow Quantities from BMM Tags:** PAR has been enhanced to read flow quantities directly from BMM tags as opposed to reading the flow value directly from XML files.
- **Disabling Flowsheets for IM Models:** Users now can disable flowsheets for IM models. For more information, refer to the "Configuring Site Settings" section in the PAR Configuration Guide.
- **Reconciliation Audits and Statistics:** Ability to track reconciliation statistics over multiple iterations.
- **Retain Specified Values While Reprocessing:** Ability to retain specified values for certain fields during reprocessing.
- **Calculated Inventory:** Calculated inventories and their respective attributes are shown in a separate grid for PA models.
- **Product/Material Change for PA Model:** Ability to edit material for PA model during runtime.
- **Flowsheet 2.0 (Preview):** A new, modern, faster and intuitive flowsheet tool.
- **New Python Solver:** Brand-new Python solver as a first step to enable cloud operations.
- **Faster, 15-Minute Case Processing:** Ability to create an accounting period with 15-minute case processing.
- **Writeback Additional Recon Statistics:** Ability to write back additional attributes for several writeback types.
- **Strapping Table Synchronization:** Robust strapping table synchronization from PHD.
- **Export Inventory Data with UOMs:** Segregated users can now export inventory data with UOMs and values in different cells. The exported Excel now captures the measured, specified, calculated and recalculated values separately.

Besides these enhancements, other improvements and fixes are also available for new installations/upgrades.

HOW CAN HONEYWELL'S PRODUCTION MANAGEMENT (HPM) – CONTINUOUS (PAR) HELP?

HPM – Continuous (PAR) allows manufacturers to make maximum use of their available quality data when making critical production and quality decisions as it:

- Reduces losses by mitigating custody transfer meter bias,
- Supports information transparency,
- Complies with reporting and reconciliation standards, such as the AMIRA P754 Metal Accounting Reconciliation Code of Practice and Sarbanes-Oxley,
- Improves decision-making capability,
- Increases margin through better tracking of plan versus actual, correction of planning yields,

- Improves purchase decisions and maintains optimum inventory levels.

HOW CAN I LEARN MORE ABOUT THESE AND ALL OTHER NEW FEATURES?

- As a registered customer, you can access the Honeywell website for details.
- Check the documentation available on http://www.HoneywellProcess.com.
- Call the Help Desk or email the Support team.

HOW CAN I GET THE NEW RELEASE?

For information on HPM – Continuous (PAR) R212.2, please contact your Honeywell account representative.

Also visit the OPM Suite webpage: http://www.HoneywellProcess.com

Your Honeywell team will guide you with the offering.

We are here to answer your questions, help you integrate this offering into your operations and support your strategic goals.

CONTACT US!

We hope you found this information useful. If you like it, feel free to share!

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OptiVision® New Release R6.2.0

Honeywell Connected Industrials is proud to announce the general availability release of Honeywell Production Management – Semi-Continuous | OptiVision R6.2.0 as a standard on-prem installable offering.

OptiVision is Honeywell's order-to-cash solution for paper, pulp and flat sheet industries.

HPM – Semi-Continuous (OptiVision) improves profitability and drives business transformation. With OptiVision, you can ensure your customer orders for the product mix are given the right priority and the order quantity is precisely produced, honoring stringent quality standards. OptiVision optimizes production and ensures customer orders are completed at the right time, quality and cost. It ensures efficient use of equipment, energy and raw materials through improved planning, scheduling and tracking. It reduces inventory carrying costs and transportation costs. OptiVision is designed to manage a single site or an entire enterprise. All these functions implicitly use sophisticated algorithms and business logic to enhance profit levels at each stage and improve end-customer satisfaction.

OptiVision's extensive feature set and robust logic have been further enhanced in the R6.2.0 release. The key improvements span:

- **Load OptiMiser**
  - Analytics-based container optimization for pallets.
- **Warehouse OptiMiser**
  - Optimization of warehouse space, movements and carrying costs.
- **Web Order Services**
  - Customer-branding-enabled order status and order entry on the browser.
- **Leveraging Technology**
  - Fit-to-size mobile-based OptiVision applications.

HOW CAN OPTIVISION HELP BUSINESSES?

HPM – Semi-Continuous (OptiVision) transforms pulp, paper and flat sheet businesses by enabling them to address the key issues that determine profitability. It promotes lower costs, accurate resource allocation, optimized selling prices and efficient scheduling through near real-time business performance visibility for improved decision-making. Its tools promote in-depth understanding and control of the entire supply cycle.

Specialized OptiVision modules elevate operational standards in each of the following areas of operation:

- Customer management and order services
- Production planning and scheduling
- Production and quality tracking
- Inventory and warehouse management
- Load and shipment management
- Invoicing and credit management
- Shop-floor interfaces and automation
- Business (ERP) integration

When tightly integrated with a range of business and shop-floor interfaces in a single or multi-mill enterprise, Honeywell's OptiVision system further improves manufacturing efficiency and reduces total costs by standardizing operations.

Honeywell's flagship Production Management Suite's (OptiVision) latest release delivers an enriched user interface and enhanced functionality in its applications.

HOW CAN I LEARN MORE ABOUT THESE AND ALL OTHER NEW FEATURES?

- As a registered customer, you can access the OptiVision website for all OptiVision, Quality OptiMiser and Web Order Services details.
- Check the OptiVision documentation available at http://www.HoneywellProcess.com.
- Call the OptiVision Help Desk at **513-595-8944** or email the OptiVision Support team at **OptiHelpGroup@honeywell.com**.

HOW CAN I LEARN ABOUT NEW RELEASES?

For information on Honeywell Production Management OptiVision R6.2.0, please contact your Honeywell account representative or email the OptiVision Support team at **OptiHelpGroup@honeywell.com**.

Also visit the OptiVision Suite webpage: http://www.HoneywellProcess.com.

Your Honeywell team will guide you with the offering.

We are here to answer your questions, help you integrate this offering into your operations and support your strategic goals.

CONTACT US!

We hope you found this information useful. If you like it, feel free to share!

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Current Product Releases

Advanced Applications:

Honeywell Alarm Management

- Reporting **R2.2.1**
- Alarm Performance Optimizer **R1.1.0**
- Documentation (**ACM R321.12.7**)
- Notifications (UA R321.2)
- Process Safety Analyzer **R2.1.1**

Honeywell Operations Management R246.1

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

UniSim Design Suite

- UniSim Design R492

Honeywell Workforce Competency R521.2

- Process Training Simulator
- Tutor
- Curriculum
- ProSim

Honeywell Production Management

- OptiVision **R6.2.0**
- Production Accounting and Reconciliation R212.2

Honeywell APC (Profit Suite)

- Release **R512.1**

Uniformance

- Uniformance PHD R410
- Uniformance Process Studio R323
- Uniformance Asset Sentinel R532
- Uniformance Insight **R240**
- Uniformance Cloud Historian R100
- Uniformance Executive R310
- Uniformance KPI R131

Control Performance Monitor

- Control Performance Analytics-Unified (CPA-Unified) R610.1
- CPM Standard **R603.4**
- TaiJi PID R320.2

Honeywell Blending and Movement (HBM) Suite

- Blending and Movement (PBM) **R530.1**
- 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	hpscustomersupport@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	hpscustomersupport@honeywell.com	

Honeywell Asia Pacific regional GCCC hotlines:

Australia	GCCC.Pacific.HPS@Honeywell.com	1 300 301 135
China:	400-820-0386	800-820-0237
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	hpscustomersupport@honeywell.com	
UniSim Design Suite Support	unisim.support@honeywell.com	
Automation College	www.automationcollege.com	

For questions, comments, or archived copies of the Guardian newsletter, please contact Gunjeet Chaudhari at Gunjeet.Chaudhari@Honeywell.com.

Honeywell Process Solutions

1250 West Sam Houston Parkway South
Houston, TX 77042

Honeywell Control Systems Ltd, Honeywell House Skimped Hill Lane Bracknell RG12 1EB

555 Huanke Road, Zhangjiang Hi-Tech Park, Shanghai, China 201203

www.honeywell.com/ps

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