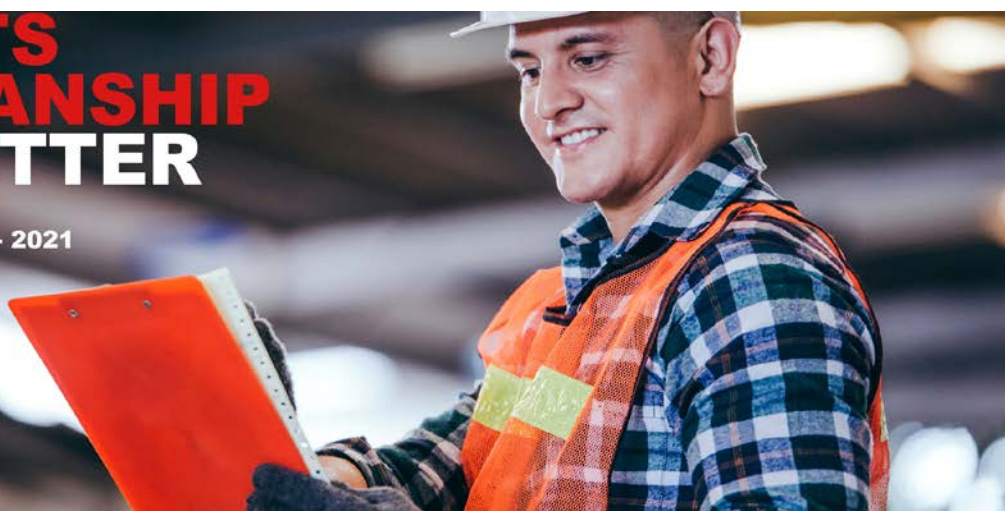


BENEFITS GUARDIANSHIP NEWSLETTER

QUARTERLY NEWS / Q2 - 2021



Welcome to the new quarterly BG e-Newsletter. Here you will find the latest product updates, new release information, industry news and Honeywell Forge for Industrial solution articles.

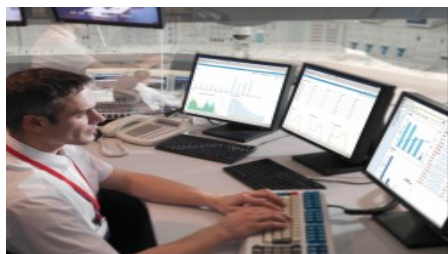
In this issue,

- Honeywell Operational Insight (OI) End of Support Announcement
- Monitor and control of the PBO Blend Quality application instance from the Blend Quality Operation display – Admin view
- Operator Training Simulator Integration with Immersive Field Simulator.
- New a new series of Technical Webinar videos by UniSim Design Team.
- CPA R111.1 On-premise release and CPM R602.5 Hot Fixes are available
- List of knowledge articles published to HoneywellProcess.com/Support.

And don't forget to watch our latest video on the new Honeywell Forge for Industrial offering to see how it can transform your business today.

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

GlobalBGPDeliveryCentre@honeywell.com



HONEYWELL FORGE OPERATIONAL INSIGHT (OI)

- End of Support Announcement

[READ OPERATIONS MANAGEMENT ARTICLES](#)



PROFIT™ BLENDING AND MOVEMENT

- PBO Blend Quality Admin View

[READ PBM ARTICLES](#)



UNISIM® COMPETENCY SUITE

- UniSim Competency Suite – Integration with IFS

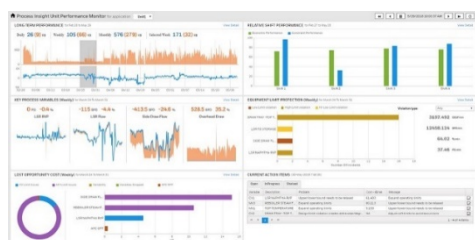
[READ UNISIM COMPETENCY ARTICLES](#)



UNISIM® DESIGN SUITE

- UniSim Design Technical Webinar series

[READ UNISIM DESIGN ARTICLES](#)



HONEYWELL FORGE APC

- CPA R111.1 On-premise release
- CPM R602.5 Hot Fixes available
- 1Q21 Summary of Articles

[READ HONEYWELL FORGE APC ARTICLES](#)



HONEYWELL FORGE ALARM MANAGEMENT

- DynAMo M&R + D&E Releases
- HF-PSA R201.2 Hotfix 1 Release
- 1Q21 Summary of Articles

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Honeywell Operational Insight (OI)

Operational Insight (OI) End of Support Announcement

This communication is intended for existing customers that have the **Operational Insight** application installed and running in one or more of their sites.

Honeywell announces upcoming **end-of-life** for the **Operational Insight** application. The latest release (R362) will be phased out of support effective **Sep 30th, 2022**.

Product Upgrades / Migration

Customers who are utilizing Operational Insight are encouraged to upgrade to the latest supported Honeywell Connected Industrial products before this date, such as Uniformance Insight.

Contact

For more information on Operational Insight End of Support, and a potential upgrade to Uniformance Insight, customers are requested to contact their respective Honeywell Account Manager or Honeywell's Global Support team (more Contact details at the end of this document).

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Profit® Blending and Movement Suite

PBO Blend Quality Admin View

Did you know... that in the PBM R510.1 release of Profit Blend Optimizer (PBO), the Admin view may be used by PBO administrators and engineers to monitor the status of Blend Quality application instance. Operations such as stopping and restarting the application and triggering BQ checkpoints may be done from this view. PBO is part of the Profit Blending and Movement (PBM) suite of applications.

The PBO Blend Quality (BQ) application is monitored from the Blend Quality Operation display, as shown in Figure 1 below. A single Blend Quality Operation display is provided for all of the blenders at a site, and is used:

- to control the operation of the BQ application
- to monitor the status of analyzers in the PBO blending area
- to monitor the quality values for the material in each equipment item and stream in the PBO blending area
- to maintain source and destination equipment assignments for streams that are not directly connected to a blender.

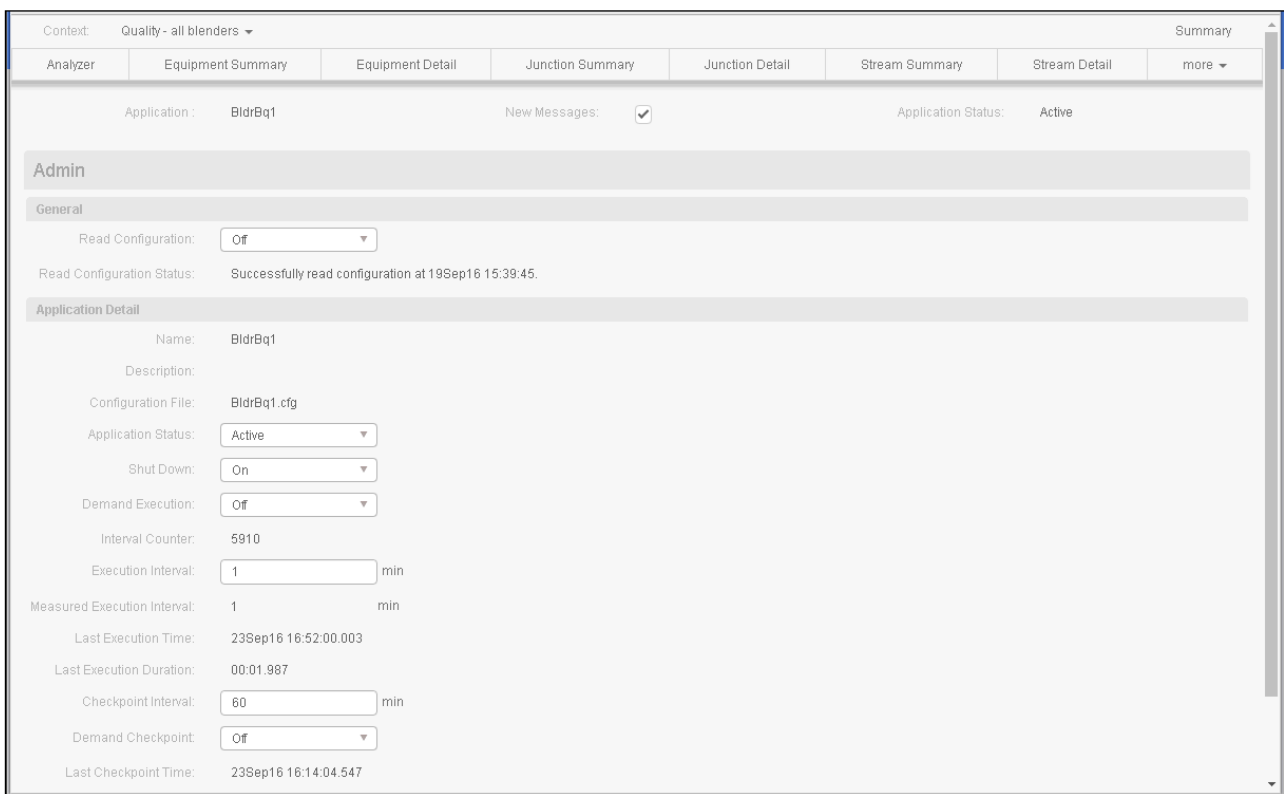


Figure 1 – Blend Quality Operation display

The Blend Quality Operation display includes a number of views. Tabs are provided to access the following views:

- Analyzer view
- Equipment Summary view
- Equipment Detail view
- Junction Summary view
- Stream Summary view
- Stream Detail view

Additional views are accessed via the **More** drop-down list:

- Messages
- Application Log
- Admin

The Admin view is used by PBO administrators and engineers to control the BQ application instance. The following are typical operations that may be performed from the Admin view:

a) Shutdown the BQ application instance

From the dropdown list, set Shutdown to OFF and <Enter>. A message will appear on the BQ Operation page, indicating that the BQ application is not running, plus a **Start** button.

Note: For controlled shutdown of the PBO applications, the Blend Monitor (BM) applications for each of the blenders should be shut down before the BQ application is shut down.

If any of the blender BM applications are running when the BQ application is shutdown, the BM application instance will automatically attempt to restart the BQ application.

b) Restart the BQ application instance

Use the Start button, as described above, or from the dropdown list, set Shutdown to ON, and <Enter>. Manually reload the page, and then check the status of the application.

c) Request a Demand BQ checkpoint

Checkpoint files are used to save the settings and values stored in the application instance data pool. Checkpoint files are generated under the following conditions:

- at regular intervals during normal operation, at the frequency specific as Checkpoint Interval
- on demand, using the Demand Checkpoint function, if access is provided
- whenever the application instance is shutdown normally.

For more information about PBO Blend Quality, or any of the Profit® Blending and Movement (PBM) 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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UniSim® Competency Suite

UniSim Competency Suite – Integration with Immersive Field Simulator

UniSim Competency Suite has been enhanced to interface with the Immersive Field Simulator (IFS) product using the IFS Adapter. Honeywell's Immersive Field Simulator (IFS) provides a virtual replica of the physical plant integrated with process simulation. This integration allows field and panel operators to practice different plant operations, maintenance and safety scenarios in a virtual and safe simulated environment.

OTS + IFS



UniSim OTS



Field Operator(s) in VR Plant (IFS)

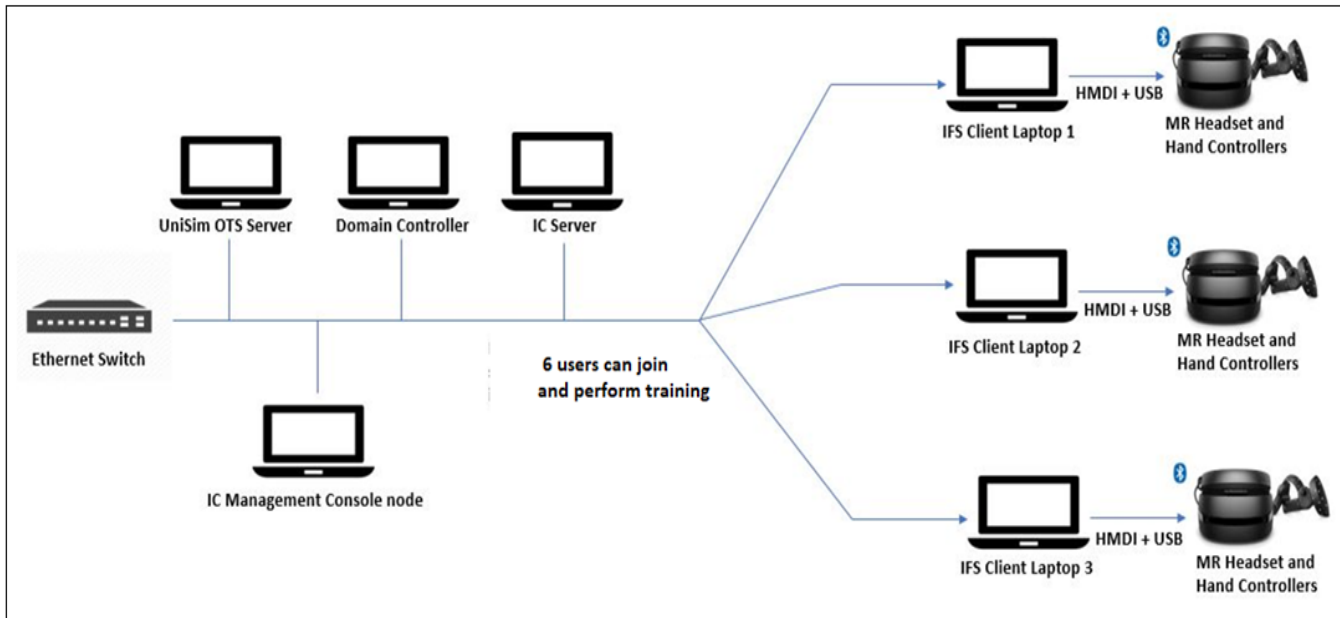
IFS Technology provides effective plant operator training in the following key areas:

- Plant Rounds, Line tracing and location of equipment
- Startup, Shutdown, normal plant operations, Troubleshooting
- Lock-out, tag-out, and equipment isolation



Process Simulation and IFS Integration:

The IFS Adapter is used to connect UniSim Operations with the IC-OTS Agent to provide communication of simulation data, commands and field operator actions.



IFS components:

IC Server: A centralized server for storing communication and user account information.

Management Console: The web-based console for administrative and management tasks such as License Management, User Management and Asset Management.

IC-OTS Agent: Interface between the IFS Server and IFS Adapter. This will be residing on OTS server

IFS Adapter: Interface between the IC-OTS Agent and OTS Server. This will be residing on OTS server

IFS Client Application: A Mixed reality application that provides the Immersive virtual plant experience.

Example of IFS Adapter configuration file on OTS Server

```
<?xml version="1.0" encoding="utf-8"?>  
<Adapter>  
<AdapterName>IFSAdapter</AdapterName>  
<properties>  
<ICAgentHostName>localhost</ICAgentHostName>  
<ICAgentPort>123456789</ICAgentPort>  
<DebugMode>False</DebugMode>  
</properties>  
</Adapter>
```

ICAgentHostName: is the name or IP address of the computer where the IC-OTS Agent is running on. This will typically be localhost, but the architecture allows for communication with an IC-OTS Agent that resides on a different computer.

ICAgentPort: is the port number that the IC-OTS Agent has exposed for communication with the outside world. This information can be obtained from the IC-OTS Agent documentation.

DebugMode: is used to provide additional debugging information in the log files.

To access other information about UniSim Competency Suite, customers are invited to register to use the Knowledge Base. Please follow [this link](#) for full details.

UniSim Competency Suite Training

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

UniSim Design:

- PDS-4526: Fundamentals - Process Modeling Using UniSim Design
- PDS-4527: Advanced - Process Modeling Using UniSim Design
- PDS-4528: Fundamentals - Dynamic Modeling Using UniSim Design Suite

UniSim Operations:

- OTS-0001: Fundamentals - UniSim Instructor Operation
- OTS-0002: Fundamentals - UniSim Configuration Implementation
- OTS-0003: Fundamentals - UniSim Run Time Graphics Using HMIWeb Implementation
- OTS-0004: Fundamentals - UniSim System Manager Administration
- OTS-0006: Fundamentals - UniSim Experion Implementation

To get the schedules and more details about these training courses on simulation or other Honeywell products, go to <https://www.honeywellprocess.com/en-US/training/Pages/default.aspx>.

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

Operator Competency Software Updates available

Unisim Competency Suite R471 has been released in October 2021 – currently no updates.

Unisim Competency Suite R470 patch releases

The latest patch for UniSim® Competency Suite R470 is Patch 5 (released on January 21, 2021)

Unisim Competency Suite R461 patch releases

The latest patch for UniSim® Competency Suite R461 is Patch 3 (released on November 09, 2020)

Unisim Competency Suite R460 patch releases

The latest patch for UniSim® Competency Suite R461 is Patch 10 (released on December 8, 2020)

Article submitted by – Abdul Hameed, HPS Technical Support – Operator Competency.

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UniSim® Design Suite

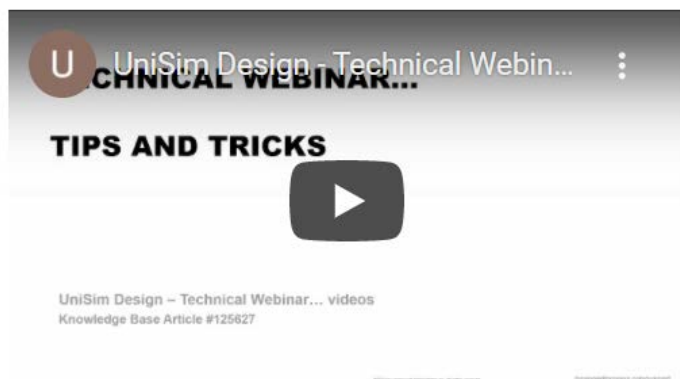


Technical Webinar series

This article introduces the new Home Page feature available within the latest UniSim Design R480 release.

All customers, who have not yet done so, will need to register and then login to use the Knowledge Base links in this article (unless noted otherwise). Please follow [this link](#) for full registration instructions. Having registered please visit <https://www.honeywellprocess.com/support> and login before following the links in this article.

An archive of all the UniSim Design Newsletter articles can be found [here](#).



The UniSim Design technical support team have started a new series of technical webinar videos. Follow the links below to see some of the videos. (No login required)

[UniSim Design - Technical Webinar - Tips and Tricks](#)

[UniSim Design - Technical Webinar - UniSim Flare Introduction](#)

[UniSim Design - Technical Webinar - Excel Tools for UniSim Design](#)

For a full list of webinars visit: [UniSim Design Technical Webinar series - Index](#) KB: [118625](#)

If you have a suggestion for a webinar topic then please [Contact us](#), we value your input! (No login required).

UniSim Design Suite R481

Honeywell's UniSim Design Suite R481 was released in June 2021. UniSim Design Suite R481 includes enhancements in several areas. These are outlined below.

Full details of UniSim Design R481 may be found in the Knowledge Base. Visit <https://www.honeywellprocess.com/support> Login and then follow: [UniSim Design Suite R481 Information](#)

OPC History Client

The existing OPC Client has been supplemented with an OPC History Client to allow the simulation model to be populated with data from a historian.

Emission Utility Tool	A new Emission Utility has been added to allow the CO2 emissions of the process model to be estimated. This utility helps the user to estimate the CO2 emissions based on power and utilities consumption for any steady state flowsheet. The CO2 emission estimation is based on the fuel equivalent of the utility consumed and covers these unit operations: Pump, Compressor, Steam Heater, Water Cooler and Air cooler. In addition, the tool supports a custom user specified equipment feature to include non-modelled consumer types.
ASSAY2 Crude Manager	The ASSAY2 tool, a Honeywell crude selection and evaluation software application, has been integrated into UniSim Design. This provides an upgrade path for existing ASSAY2 customers and allows UniSim Design users to take advantage of the crude assay management system. Assays from ASSAY2 databases can now be incorporated into UniSim Design Refinery cases, building on the existing functionality for importing assays from Haverly H/CAMS and assays defined in Microsoft Excel.
Sulphur Recovery Unit (SRU)	The SRU module has several enhancements based on data and expertise provided by Honeywell's Ortloff division.
FCC Enhancements	Several detailed improvements have been made to the FCC model.

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, Team Lead, UniSim Design Global Support Team.

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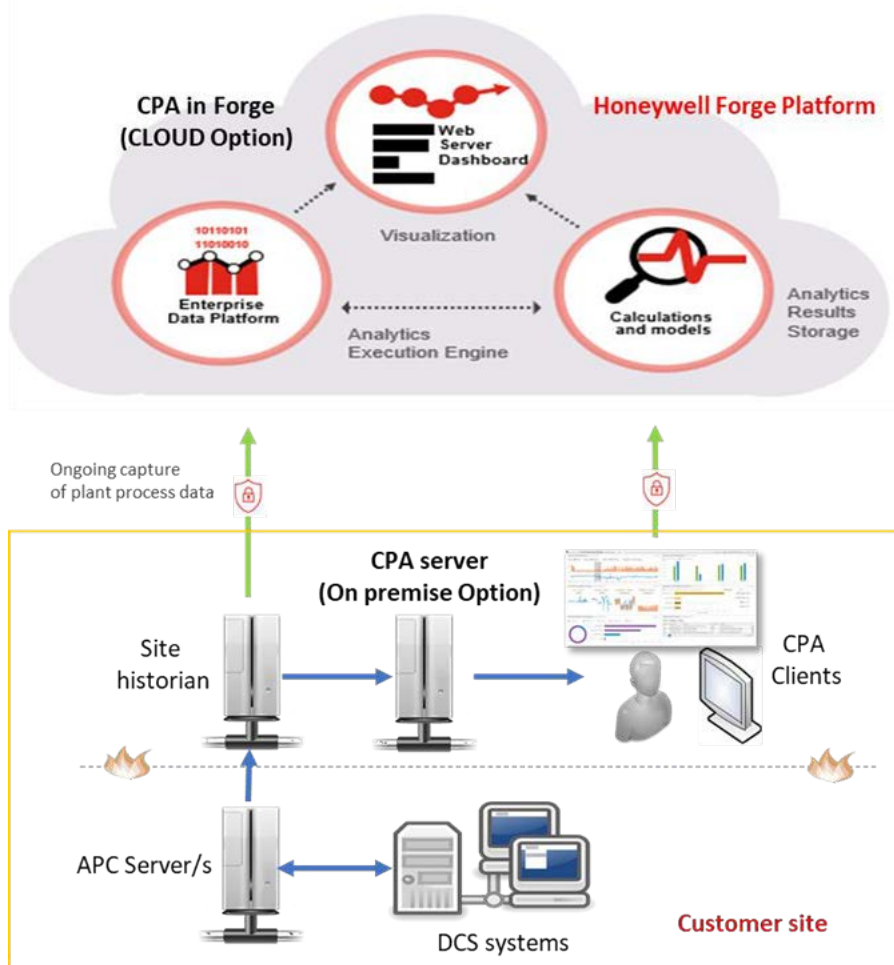
Honeywell Forge Advanced Process Control

Control Performance Analytics (CPA) R111.1 On-premise version now released

The previously cloud only based Control Performance Analytics (CPA) is now available On-premise in this latest R111.1 version. A brief overview of CPA is provided below and then followed by the main changes and improvements in the R111.1 version.

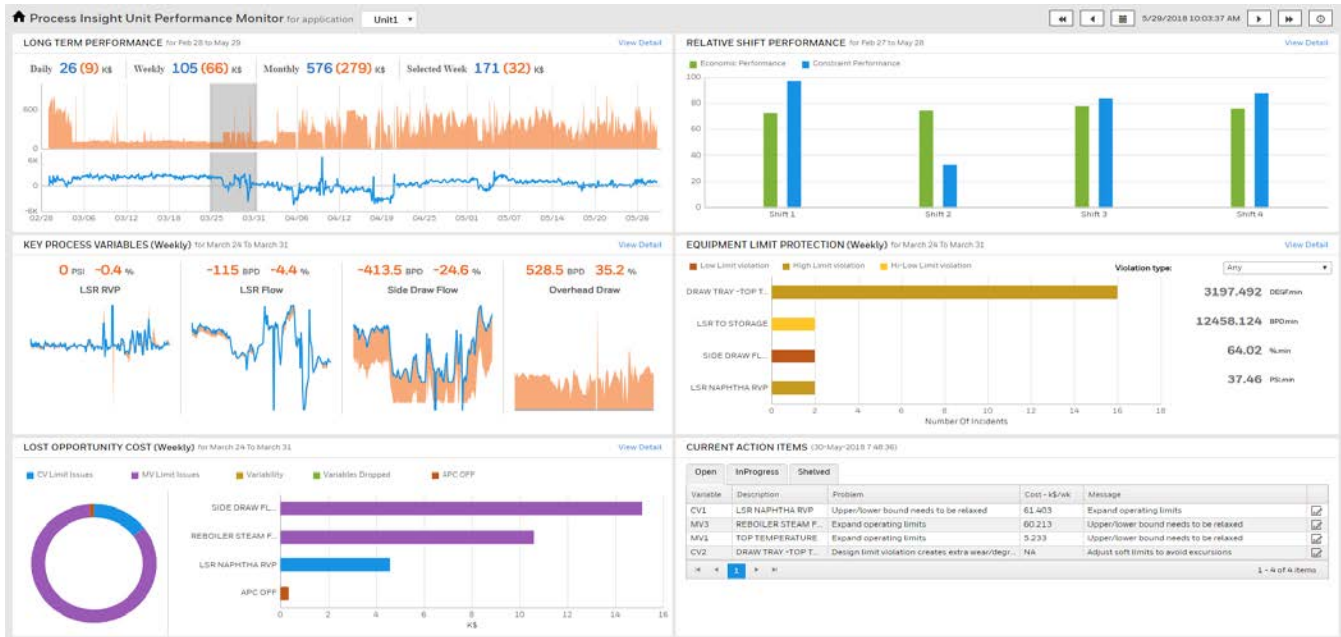
Control Performance Analytics (CPA) – is now both a Cloud and starting with R111.1 an On-premise based solution that enables the Operations, Process Engineering and APC teams to understand what is limiting APC from driving the process unit in question to its best potential. CPA does this by using a twofold approach: first by prioritizing issues by financial impact e.g. over clamped MVs and CVs, MVs dropped by operators or worse of all Controller Off and secondly: by identifying and tracking constraint violations for main CVs, with analysis of probable causes seeking ultimately to engage All the APC/Unit Stakeholders.

The diagram below shows the combined Cloud and On-premise CPA architecture including the CPA Application Dashboard, which is further expanded in detail overleaf:



CPA Application Dashboard – a typical example is shown below:

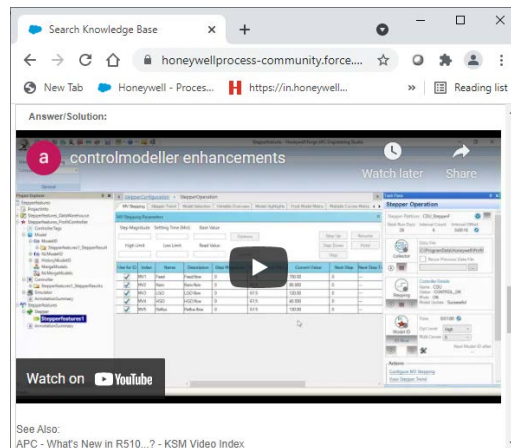
CPA R111.1 Improvements – the obvious main difference with this new R111.1 version is that it is now available On-premise. The URT architecture under which CPA runs is provided by Honeywell Forge APC R510.1, which is supplied on the CPA DVD/ISO, The latter APC R510.1 software should have been installed on a clean/fresh system i.e. not an upgrade from a previous Profit Suite version and it should not co-exist with other Honeywell software. CPA R111.1 is then installed over the top of APC R510.1 and can be used to monitor applications on versions other than APC R510.1 thus providing flexibility. Please note that since CPA R111.1 is Intuition based it can only be installed on server operating systems supported by APC R510.1. Finally, licensing is done via Flexera as with APC R510.1 and four CPA PARs are also fixed, which will be used to update the Cloud based CPA to R110.2.



For more information on Control Performance Analytics (CPA), Cloud or On-premise, please contact the product and/or your account manager and for orders, please contact your regional service manager or GlobalBGPDeliveryCentre@honeywell.com

APC – What’s New in R...? Video Series

The APC technical support team have published the original APC development team Help Videos that accompany the major full media releases in the form of embedded YouTube contained in Knowledge Sharing Mails (KSM), please refer to the KSM indexes on the www.honeywellprocess.com support portal by searching on ‘KSM2021-APC’:



This KSM video list will be added to with each new full media release as well as complimented by additional useful videos being developed by the technical support team, see 1Q21 APC Knowledge Article Quarter below KSM2021-APC0540-556 for details.

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APC Knowledge Article Quarter: Summary of Articles – 1Q21

Please refer to the August 2018 BG Newsletter for all the details regarding this APC Knowledge Article Quarter series and this quarter we publish the Summary of Articles for 1Q21 (and up to end of April) on the portal below:



Article ID	Article Number	Article Title
526	APC 510 526	L4 APC/Profit Web Viewer not able to connect to L3 APC/Profit Web Viewer
527	APC 510 527	How to Clear Display Issue in APC Engineering Studio (APCES) Workspace
529	APC 510 529	KSM2020-APC0529 - Honeywell Forge APC (Profit Suite) - The Knowledge Article Year: 2020
531	APC 510 531	How to configure Honeywell Forge APC Process/Profit Controller Performance Index
532	APC 510 532	Honeywell Forge APC - Steps to Consider When Retiring old URT Applications
533	APC 500 533	Honeywell Profit Suite Embedded PHD APIServer Access Problems Where Maximum Clients are Not Exceeded
534	APC 510 534	APC Proxy limit calculation error on switching ON the calculation - 'Trial period expired'
535	APC 510 535	MV did not change to Program-Auto when APC controller is ON
536	APC 510 536	Procedure to Change Intuition Runtime Account in APC/Profit Web Viewer Server
538	APC 500 538	Message "Please wait while Windows configures Honeywell Profit Suite Client Side" appears on Station after install
539	APC 510 539	Can we have two Profit/Process Controller manipulated variables (MVs) shed in a specific order
540	APC 440 540	KSM2021-APC0540 - What's New in R440? - Video Index
541	APC 440 541	KSM2021-APC0541 - What's New in R440? - MV Transformations Overview
542	APC 440 542	KSM2021-APC0542 - What's New in R440? - MV Transformations - Configuring with PSRS
543	APC 440 543	KSM2021-APC0543 - What's New in R440? - MV Transformations - Configuring with PSES
544	APC 440 544	KSM2021-APC0544 - What's New in R440? - Viewing MV Transformations in PSOS
545	APC 440 545	KSM2021-APC0545 - What's New in R440? - History Retrieval Overview
546	APC 440 546	KSM2021-APC0546 - What's New in R440? - Configuring History Retrieval
547	APC 440 547	KSM2021-APC0547 - What's New in R440? - OPC Aggregates in History Retrieval
548	APC 440 548	KSM2021-APC0548 - What's New in R440? - History Retrieval Operation
549	APC 440 549	KSM2021-APC0549 - What's New in R440? - Specifying Time in History Retrieval
550	APC 510 550	KSM2021-APC0550 - What's New in R510? - Video Index
551	APC 510 551	KSM2021-APC0551 - What's New in R510? - Enhancements in Control Modeler
552	APC 510 552	KSM2021-APC0552 - What's New in R510? - Validate Value in APCES
553	APC 510 553	KSM2021-APC0553 - What's New in R510? - Reusing Existing Data File
554	APC 510 554	KSM2021-APC0554 - What's New in R510? - Trend Enhancements in APC Web Viewer
555	APC 510 555	KSM2021-APC0555 - What's New in R510? - Trend Support for OPC Variable
556	APC 510 556	KSM2021-APC0556 - What's New in R510? - User Limits Enhancements in Trend View
557	APC 510 557	Honeywell Forge APC/Profit Suite URT platform getting terminated automatically
558	APC 510 558	Procedure to Install Intuition Core R292 Manually from Honeywell Forge APC DVD
559	APC 510 559	APC SQL Manual Upgrade from R502 to R510
560	APC 510 560	In APC/PSOS page not able to change values for tuning constants like soft limits, CLRI etc
561	APC 502 561	Profit Suite Inferential Lab Value not being updated
562	APC 502 562	Exception in function block execute error in In Profit Optimizer simulation
563	APC 510 563	APC Web Viewer Clients shows certificate error
564	APC 510 564	Not able to view controllers in APC/PSOS in Station using ViewOnly account
565	APC 502 565	"An unhandled exception" error occurs in PSRS while creating a new Profit SensorPro application
566	APC 510 566	Process/Profit Controller got turned off due to problems (error in steady-state optimizer)
567	APC 510 567	Honeywell Forge APC Advanced OPC Tag Integration with Experion R51x
568	APC 510 568	How to create the certificate with more than one year validity for APC Web Viewer
569	APC 510 569	How to take the dump file of a Honeywell Forge APC/Profit Suite URT platform
570	APC 205 570	USD embedded Profit Controller Unit Operation yields "PROF_01 3: Problem with MC_GETPARAMS: 46 ---->ALARM" error
571	APC 500 571	Profit Suite "Data source DefaultPHD not connected" error in UPS
572	APC 510 572	How to validate an XML file used throughout Honeywell Forge APC/Profit Suite
573	APC 510 573	Performance.xls report issue with Excel companion COMAddIn in Honeywell Forge APC R510
575	APC 510 575	Honeywell Forge APC Control Modeler License Not Found
576	APC 510 576	Honeywell Forge APC, Experion R51x HMIWeb Faceplate Script Errors
577	APC 510 577	Customize Trends in Honeywell Forge APC Engineering Studio (APCES) Simulator
578	APC 510 578	Error "exception during block execution" while Profit/Process Controller activates
579	APC 510 579	Error "Problem encountered while initializing calculations" while Profit/Process Controller activates
580	APC 510 580	Could not turn ON Profit/Process Controller, the error in event log was "Error in Steady-state Optimizer"
581	APC 510 581	Unable to import SMOC model for conversion in APC/PS Engineering Studio
582	APC 510 582	What is Filtered Move in APC Web Viewer's Operator Guidance?
583	APC 510 583	How to remove inverse response after performing a CLID fit in Honeywell Forge APC Engineering Studio

Final note on KAs is the above table shows only the public published articles, however on rare occasions there is a need to share internal/confidential KAs within Honeywell and these are not published publicly, although they also have Article ID numbers, which might account for gaps and apparent missing article numbers.

For more information on Profit® Suite please contact your Honeywell account manager or email:

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 Monitor (CPM)

'CPM in the Cloud' Virtual Machine template updated to R603.1 version

In order to be consistent with the On-premise R603.1 version the 'CPM in the Cloud' virtual machine template has now been updated to the same identical R603.1 version ensuring Cloud and On-premise customers get the same benefits and results.

CPM R602.5 Hot Fixes available on request

The following two hot fixes are available to customers running CPM R602.5:

1. [Honeywell.CPM.DASWrapper.dll](#)

The Honeywell.CPM.DASWrapper.dll file fixes reducing the result writing time and also improves overall CPM Analysis Performance. In tests the CPM analysis performance was almost halved from 9 hours 30 mins down to 4 hours on a medium 1000+ loops system. The existing Honeywell.CPM.DASWrapper.dll file should be backed up and the new file version placed in the same following locations: (where <CPM Install Drive> should be substituted for the Drive letter where CPM is installed)

<CPM Install Drive>:\Program Files (x86)\Honeywell\CPM\WinServices

<CPM Install Drive>:\Program Files (x86)\Honeywell\MES\CPM\Service\WebReportService\1.0\bin

2. [Honeywell Performance Rating Fix Table updated .json files](#)

The problem of Fair rated loops being reported as Good loops is corrected by this updated performance rating table below:

Performance Rating	Numeric
Open Loop	5
Excellent	4
Good	3
Fair	2
Poor	1
No Data	0

The existing json files below should be backed up and replaced by the new file versions placed in the same following location(s):

<CPM Install Drive>:\Program Files

(x86)\Honeywell\MES\CPM\UX\WebReport\app\reportDetails\CustomTemplateReport\cpm.customTemplateReport.Controller.js

<CPM Install Drive>:\Program Files

(x86)\Honeywell\MES\CPM\UX\WebReport\app\reportDetails\PIDDetailReport\cpm.pidDetailReport.Controller.js

Please Note – BOTH these issues are resolved in the R603.1 full media release, therefore these hot fix files are being made available to existing R602.5 customers to improve performance without having to or choosing not to upgrade at this time:

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Control Performance Monitor (CPM) Knowledge Article Quarter: Summary of Articles – 1Q21

Please refer to the September 2018 BG Newsletter for all the details regarding this CPM Knowledge Article Quarter series and this quarter we publish the Summary of Articles for 1Q21 (and upto end of April) and welcome our first TAIJI R320 articles:

Prod	Relea	Article	Title (Search for full title on www.honeywellprocess.com)
CPM	603	311	Input parameters get changed to their default values when importing the configuration CSV file into the CPM Configurator Tool
CPM	603	312	How is COV (Coefficient of Variation) KPI calculated in CPM R603.1
CPM	603	313	Unable to assign Result Plugin to the loops in CPM Configurator tool
CPM	603	314	How to delete files older than 365 days automatically from the ARD folder on CPM R603.1
CPM	603	315	CPM KPI Results are getting written at different timestamps when we use PHD API DAS Plugin in CPM R603.1
CPM	603	316	Connection to SQL Express lost after CPM R603.1 installation with SQL Express Option
CPM	603	317	Not able to add public filters to the CPM Web Report
CPM	603	318	Not able to configure CPM Application servers in Common Web Server (CWS) Machine
CPM	603	320	KSM2020-CPM0320 - CPM - The Knowledge Article Year: 2020
CPM	603	321	How to check the license information in a CPM system?
CPM	570	322	Connection failed: SQL State '01000' [Microsoft] ODBC SQL Server Driver and SSL Security error when opening Analysis Designer in CPM R570.1
CPM	603	323	Links in Dashboard for CPM R603.1 do not produce correct filters for Open Loops
CPM	570	325	CPM R570 disposition report stops sending out an email after removing SQLServer Agent runtime user from the windows local Administrators Group
CPM	603	326	Input tags are not getting updated for the DMC controller after modifying the CPM map file
CPM	603	328	Installation Pre-requisite steps when installing CPM R603.1 and TaiJi R320.1 on Windows Server 2019
TAIJI	320	29	Installation Pre-requisite steps when installing CPM R603.1 and TaiJi R320.1 on Windows Server 2019
TAIJI	320	30	Mandatory Pre-requisite steps to be performed on Windows Server 2012 R2 before TaiJi R320.1 installation to avoid Security config loader issue
CPM	603	329	PV Limits are replaced with the SP limits when you import TDC files to CPM Configurator Tool
CPM	603	332	The "Desired Settling Time" KPI value on the summary report displayed as second, but the column header mentioned as a minute
CPM	603	333	Real-Time Trend not working in CPM R603.1 when PHD API DAS Plugin configured as a CPMDDataPlugin
CPM	570	334	How to change disposition aggregation days configuration in CPM R570.1
CPM	603	335	Using the CPM Common Utility to find out error messages for all loops' analysis
CPM	603	337	"A digitally signed driver is required" warning occurs when you install CPM R603.1, and it stops at PHD Step
CPM	570	338	How to configure HTTPS connection for Operational Insight R361.1 after installation
CPM	603	339	How to check Control Performance Monitor (CPM) R603.1 Media Integrity
CPM	603	340	How to create Master and Slave links in CPM summary view
CPM	570	341	How to change the time that disposition reports are sent in CPM R570
CPM	603	344	RDIs remain inactive after cold restart of Embedded PHD in CPM
CPM	603	346	Actual and Desired settling Time KPI's are not appearing on Benchmark Settling Time Page in CPM
TAIJI	320	31	How to enable the 'Tune with TaijiPID' link in the CPM web report detail page

Final note on KAs is the above tables show only the public published articles, however on rare occasions there is a need to share internal/confidential KAs within Honeywell and these are not published publicly, although they also have Article ID numbers, which might account for gaps and apparent missing article numbers.

For more information on CPM™ or to place a software order, please contact your Honeywell account manager or email:

HPS Technical Support Contact Information:

cpm.support.emea@honeywell.com for all global queries.

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Honeywell Forge Alarm Management

DynAMo Metrics & Reporting R202.1 Hotfix 6 + DynAMo Documentation & Enforcement (ACM R321.12) Hotfix 4 Releases

M&R R202.1 Hotfix 6 has been released. The Software Change Notice (with embedded links to media download) has been published to HoneywellProcess.com → Documents.

ACM R321.12 Hotfix 4 has also been released. As this is a small update zip package this has been published to HoneywellProcess.com → Documents.

M&R R202.1 Hotfix 6 includes the following enhancements:

- Duplicate Message Filtering
- Custom Reporting – Enhanced Reportdata API to support filter by priority for Microsoft SSRS reports
- Defining Operators per Operator Position
- D&E Suspended Tags Widget
- Active Alarm Sync processing settings

The following PARs are resolved with this update:

PAR#	Issue Description
1-D91AMNR	The suspended tag details listed on the Suspended tags Widget does not match the number of suspended tags on the APO widget because the suspended tags details were extracted from the Suspension logs in ACM that do not update the end time when the tag enforcement was resumed.
1-DHAH0KL	Add the average alarm per hour in the reporting period on the 'Average Alarm per Hour' widget
1-DHAH0K9	Active Alarm Sync fails to close \$SEQALM alarms on the ESVT Channel
1-CPD45AF	Deleted tags that are in an alarm state are processed by M&R Active Sync function
1-CSAKQV4	After the DST time change, reports were not generating at the correct times, as scheduled.
1-D0V21SB	The Alarm Performance Overview report shows different Chattering alarms than the Chattering report
1-D1K2VIZ	Adapting columns is not possible when there is no data, however this is still needed for reports
1-D1K2VJB	The deletion of custom reports deletes the user reports, but not schedules
1-D7M778D	Events are not moving due to the Index being out of range error
1-D5NLRXJ	Unable to add an email address with ampersand "&" to the M&R Email Schedule
1-BUPC9QD	D&E Alarms Priority Distribution shows Duplicate priority URGENT and Urgent, HIGH and High

1-DE0R98K	Manage Report Visibility, the ability to hide reports does not function on the Proxy Server but works fine on the Core Server
1-DHAH0LA	Duplicate Message Filtering - Main Channel
1-DHAH0L4	Duplicate Message Filtering - AAS Channel
1-DG5RI7F	AAS does not close Alarms if the Suppression Conditions are Active
1-DHAH0KY	TPS AAS Utility -Wrongly closing alarms due to collection delay.
1-DHAH0KS	Handling 1979 alarms - Wrongly closing alarms which are active after a Restart
1- CWWCVVB	The ability to define % operator for an Operator Position
1-CX8CQ6J	Alarm Distribution report does not filter by area for some assets
1-DBTTRGV	The Most Frequent Alarm widget in reports are not color-coded based on priority.
RQUP 1252299	Enhance SSRS Integration KPI Data API to support Priority Filter
RDYNAMO- 5113	Collector scheduler is firing twice for scheduled time when scheduled process completes within a second
1-DCJ3MYD	DynAMo stops reporting alarms. PPS modification is required to continue the collection

The SCN can be downloaded from the link below which includes a link to download the zip package:

[DynAMo Metrics And Reporting R202.1 Hotfix 6](#)

Note: This update requires DynAMo Metrics & Reporting R202.1 with or without the earlier hotfixes.

This is a cumulative update that includes DynAMo Metrics & Reporting R202.1 Hotfix 1-5 + includes **Experion/TPS**

Reference Rules Files v9.

The updated Reference Rules Files are also published separately and can be used for M&R R210¹ systems: [Experion/TPS](#)

[Reference Rules Files v9](#)

¹ For DynAMo M&R R210 systems Reference Rules Files v9 PPS change is required: **G_addPrioritySupp ="false"**

ACM R321.12 Hotfix 4 includes the following enhancements:

- Support IEC 870PS Blocks
- Support Experion Interlock Block

The following PARs are resolved with this update:

PAR#	Issue Description
1- BHJM9YJ	Unable to Accept lolo or hihi alarm trip point for CDA SM points in ACM with High and Low alarm limit values not configured or set to 0. To skip this validation, create String Value registry entry ValidateSMLimits with the value No under the registry key HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Honeywell\ACM\ControlSystems\<Control System Name>\ in the Enforcer Server machine.
1- AXAFYB8	Need warning message when enforcer server name changed in Admin client since it removes control system details. This makes enforcement functionalities non functional.
1- C4QD7AT	New alarm parameter OFFNRMPVALM.PR added to CEE-DEVCTL in Experion R510.1. It is not available in ACM
1- ATKO75V, 1- AQIW8D9	Do not create In Progress if change does not invalidate rationalized settings. ACM sets variable entities to In Progress under any secondary parameter update of engineering ranges. During Secondary parameter update, existing behavior is to create In Progress state for the tag if any changes in the secondary parameter values are detected. There was no check done whether new secondary parameter update (Engineering High and Low values) violates the rationalized alarm limits or not. Application is modified based on the configuration to check if and only the update to Engineering High and Low values violates rationalized alarm limits then In Progress version of a tag will be created. To enable this feature, create a String Value registry entry UpdateSecParamsMOC with the value Yes under the registry key HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Honeywell\ACM in Manager Server machine.
1- D91AMNR	Suspended tags detail listed on the Suspended Tags Widget does not match the number of suspended tags now on the APO widget because the suspended tags details are extracted from the suspension logs in ACM. This does not update the end time when the tag enforcement is resumed.
1- D2YEHBP	Support IEC 870 type of tags
1- BMPRAI	ACM Manager does not have OP alarm related parameters available for HIWAY REGLATRY tags
1- 9EU2KPB	For the Yoko DCS VL can be set to a value greater than the tag range, ACM needs to allow the tag to move to the Proposed state. To skip this validation, create String Value registry entry ValidateCentumLimits with the value No under the registry key HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Honeywell\ACM\ControlSystems\<Control System Name>\ in Enforcer Server machine.
1- 7X1X5I9	Leading zeroes in Mode names are truncated when downloaded into the Alarm Rationalization tool. Apply ACM ExcelRationalization_321.12_Patch_1 for the fix. Navigate to the ExcelRationalization_321.12_Patch_1 folder, to install Patch ExcelRationalization_321.12_Patch_1.exe . For more details, refer to Installing Excel Rationalization R321.12 Patch 1.

1-DKZ1ZHP	When promoting tags from Proposed to Approved, the Alarm Enforcer Server seems to leak memory.
1-DK73BVL	Unable to add tags in ACM due to Siemens PCS 7 case-sensitive OPC DA Server.
1-DL2VV9J	ACM mode change, when one limit is made empty, it's not reflecting in LR on posting from ACM. VT_PARAMETER_LIMIT_ALLMODES table is not getting updated automatically during MRB update.

The update package which includes the SCN can be downloaded from the link below:

[ACM R321.12 Hotfix 4](#)

Note: This update requires ACM R321.12 with or without hotfix 3.

This is a cumulative update that includes ACM R321.12 Hotfix 1, 2 and 3.

However, the ACM Manager client update from Hotfix 3 is omitted from the Hotfix 4 package. Follow the steps provided in Hotfix 3 to update the Manager Client, if you have not previously applied this previous Hotfix:

5.5 Updating Manager Client

1. Close all ACM client applications.
2. From the temporary folder where you extracted the zip file containing this update, open the **ManagerClient** folder, and copy the **ACM_BMC.exe** file to the folder where ACM is installed. The default installation folder for ACM is C:\Program Files (x86)\Honeywell\OPS\ACM\:

ATTENTION: Replace the old ACM_BMC.exe file with this new file. It is recommended to back up the old file before replacing it with the new file.

Hotfix 3 can be downloaded from the link below:

[ACM R321.12 Hotfix 3](#)

Honeywell Forge Process Safety Analyzer (PSA) R201.2 Hotfix 1 Release

PSA R201.2 Hotfix 1 has been released. The Media package has been published to [HoneywellProcess.com](https://www.honeywellprocess.com) → [Downloads](#).

The following PARs are resolved with this update:

PAR#	Issue Description
1- DFNSFWP	"Number of Warnings" column missing in the Final Element Verification Summary Report.
1- DHCMHA5	Red Error box should not be displayed when there is no error on SES online view.
1- DH951NW	SES online view performance is poor with safety element filter.
1- DJLSZHN	In Event Browser, filter is not working for event source selection. Also, the performance of the event browser is slow with Event Source selection.
RQUP: 01370775	"Parent Equipment" filter is not available in SIL Final Element Verification report.
1- DH951OF	<ul style="list-style-type: none"> Published files table within SDA Datawarehouse is filing up because there are no maintenance scripts (disk fills up with Facility.xml files). Publish facility only if there are any changes in asset and attributes. Test Interval report showing wrong data during facility publish.
1- DJLSZI1	<ul style="list-style-type: none"> Not seeing any data on Final Element Verification report "Area" filter still using old area filtering on some reports. RDLs need to be updated. Reports affected: SES Valve OK Operation, SES Trend Travel Time, SIL Demand History, SIL Test Interval and SIL Final Element Verification. In Not Operated Valves report, "Group" filter do not list all the final element group names. Stroke length(s) column is missing in SIL Valve Stroke Test Historical Report for individual tests.
1- DJTJ21X	Seeing a large number of "No cause found" shutdowns which should not be there for cause based analysis.
1- DJLSZIK	The SIL Demand view and SES online view in PSA will indicate time in AM / PM format though 24 hours' time format was configured.
1- DJLSZIT	Shutdowns analysis mechanism extremely slow for the shutdown groups having more than 500 causes and effects.
1- DJNJ89Z	If there were any duplicate events gets reported from event source, PSA still collects and analyses them as different events. This results in duplicate analysis in SES and SDA online view.

RPSA-799	For SES Online view, the "Actual Travel Time" should show the decimal values.
1-DHMG5WV	Demand Overview report is not sorted in descending order based on the "Process Demand Rate".
RPSA-841	Sorting of the shutdowns in online view
RPSA-854	Test Interval Report (F&G Demand Name was missing in the column).
RPSA-882	Missing Evaluation ID in Cause, Effect, C&E sheets in PSA configuration file during download.
RPSA-883	SES Writeback: <ul style="list-style-type: none"> • Response Missing value of SES operation is always Historized • SES Writeback with Historized with local time rather than UTC.
1-DMB5U6C	There are certain Initiators/Final Elements which have never been tested. These should also be displayed in Test Interval Report.
RPSA-855	Final Element Verification report used to have a sum at the bottom, now this is not there anymore.
1-DN502W0	Test Interval Report: Sorting on column header and report filtering issues.
1-DN502XE	Sorting by time in the grid (when clicking on timestamp column) does not work for any of the online views (SDA/SES/SIL/Event Browser). Seems to be initially sorted OK during initial opening of screen, but does not work when clicking on timestamp grid.
RPSA-909	SIL Final Element verification sub-report Trend Travel time is only working for some of the tags.
1-DNGWOB7	SIL online view is not working properly. SIL online view doesn't load demand history if the start date is selected before 23rd Jan 2016. Also, manual override does not sync properly to the report.

The update package which includes the SCN can be downloaded from the link below:

[PSA-R201-2-Hotfix-1.zip](#)

Knowledge Article Quarter: Summary of Articles – 1Q21

Below is a list of knowledge articles published to HoneywellProcess.com/Support for the following supported products:

- DynAMo Metrics & Reporting R202.1
- DynAMo Metrics & Reporting R210.1
- DynAMo Documentation & Enforcement (ACM R321.12)
- Honeywell Forge Process Safety Analyzer R201.2

Products	Title
Alarm Configuration Manager R321	What does the Interlock block look like in ACM?
Alarm Configuration Manager R321	Ensure Update Secondary Parameters Changes Status only when Alarms are Affected
Alarm Configuration Manager R321	Not able to launch the new Asset Configuration Tool in the ACM Administrator Client
Alarm Configuration Manager R321	How to Use SQL Profiler to Analyse SQL Database CPU issues
Alarm Configuration Manager R321	How do you Delete tags from ACM using a tag list?
Alarm Configuration Manager R321	Alarm Manager Client Stops working after MS Security Patch installation
Alarm Configuration Manager R321	Error:This app can't run on your PC when launching ACMLRSyncUtility.exe from windows command prompt:
Alarm Configuration Manager R321	Alarm Help more details option is not working from EAS/Experion Stations.
Alarm Configuration Manager R321	ACM Import Tag List Fails
Alarm Configuration Manager R321	Error while adding the tags in ACM manager Client
Alarm Configuration Manager R321	Ensure ACM Enforcer Client Does Not Crash Due to Memory Leak
Alarm Configuration Manager R321	(ACM) Alarm Manager – Not Able to Update Exceedance Notes
Alarm Configuration Manager R321	Error while creating ACM consoles;Invalid character value for cast specification
Alarm Configuration Manager R321 DynAMo Metrics & Reporting R2xx	How to Create a DynAMo R2xx Database Management Plan?
Alarm Configuration Manager R321.12.x	ACM – Tag not found in Enforcer Client
DynAMo Metrics & Reporting R200.1	In Dynamo old Channels on Archiver window are not getting deleted.
DynAMo Metrics & Reporting R200.2	Error while enabling the ODBC collector channel
DynAMo Metrics & Reporting R202.1	M&R Dashboard is blank after R201.1 to R202.1 Update
DynAMo Metrics & Reporting R202.1	No data is displayed for any of the M&R report for some users
DynAMo Metrics & Reporting R202.1	Metrics and Reporting Scheduled reports are not getting emailed
DynAMo Metrics & Reporting R202.1	Dynamo Archiver is processing events at a very slow rate
DynAMo Metrics & Reporting R202.1	DynEventQueue is not getting processed due to transactional log file size error
DynAMo Metrics & Reporting R202.1	The KPI's in the dashboard will not load showing continuous loading wheels on the dashboard KPIs
DynAMo Metrics & Reporting R202.1	Scheduled reports are generated but the actual emailing fails
DynAMo Metrics & Reporting R202.1	M&R Collector stops sending data
DynAMo Metrics & Reporting R202.1	Move Dynamo Core Server & Rename
DynAMo Metrics & Reporting R202.1	Detailed step wise procedure for returning old license and activating new license using command line procedure for DynAMo Metrics & reporting
DynAMo Metrics & Reporting R202.1	Dynamo Collector goes to idle state even though there are events to be collected from DCS.
DynAMo Metrics & Reporting R202.1	M&R PDF Export Fails
DynAMo Metrics & Reporting R202.1 + HF6	DynAMo M&R Tag List Generator Returning No Tags
DynAMo Metrics & Reporting R20x	How to ensure the archiver processes recent events and not old bad events?
DynAMo Metrics & Reporting R210.1	Reports not working. Assets and OPs could not be retrieved
DynAMo Metrics & Reporting R210.1	Dynamo Standalone collector installed but without collector services
DynAMo Metrics & Reporting R210.1	Standing & Stale Alarm Display only count instead of all content
DynAMo Metrics & Reporting R210.1	Configuring Shifts Using the DynAMo M&R Configuration Page
DynAMo Metrics & Reporting R210.1	Dynamo complete cache regeneration error.
DynAMo Metrics & Reporting R210.1	Dynamo Web Page License error after server reboot.
DynAMo Metrics & Reporting R210.1	Not able to archive the events in Archiver.
DynAMo Metrics & Reporting R210.1	Channels on Archiver Configuration got error "Not able to connect to Archiver Interface Services"
DynAMo Metrics & Reporting R210.1	DynAMo M&R V8 Rule File – "Service Status" events being miss classified
DynAMo Metrics & Reporting R210.1	Getting alert mails mentioning Active Alarm Sync - Batch Skipped.
DynAMo Metrics & Reporting R210.1 DynAMo Metrics & Reporting R202.1	DynAMo M&R 20x.x/210.1: Not able to create a new Site in M&R configuration page
DynAMo Metrics & Reporting R210.1, DynAMo Metrics & Reporting R202.1	How to-backup Dynamo Databases

Current Product Releases

Advanced Applications:

Honeywell Forge Alarm Management

- Metrics & Reporting R210.1
- Documentation & Enforcement (ACM R321.12)
- Alerts & Notifications (UA R321.2)
- Process Safety Analyzer R201.2

Honeywell Forge Operations Management R242.1

- Operations Management
- Operations Logbook
- Limit Repository

UniSim

- UniSim Design R480
- UniSim Competency R471

Profit Blending and Movement (PBM) Suite

Profit Blending and Movement (PBM) R510.3

- 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)

Energy Dashboard R241

- Integrated suite to calculate and monitor actual and target energy use. May include Operations Monitoring, Profit Sensor Pro, UniSim Design, and Workcenter.

Workcenter

Web-Based Visualization Analysis Solutions

- Workcenter Release 242

Matrikon OPC

- Matrikon FLEX OPC UA SDK - R400.2
- Matrikon OPC UA Tunneller

Honeywell Forge APC (Profit Suite)

- Release R510

Uniformance

- Uniformance PHD 400
- Uniformance Process Studio R322
- Uniformance Asset Sentinel R511
- Uniformance Insight R220
- Uniformance Cloud Historian R100
- Uniformance Executive R310
- Uniformance KPI R121

Symphonite Supply Chain and Production Management

- Production Manager Release 9.0
- Production Accounting and Reconciliation R210
- OptiVision R541

Digital Suites for Oil and Gas

- DSOG R100 including Process Safety Suite, Production Surveillance Suite, Equipment Effectiveness Suite
- Production Surveillance Well Test R110

Control Performance Monitor

- CPM Standard R603
- Taiji PID R320

Honeywell Pulse

- Release R110

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OptiVision Help Desk	optihelpgroup@honeywell.com	1-513-595-8944
Honeywell Forge APC (Profit Suite) Support	apc.apptech@honeywell.com	1-800-822-7673
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UniSim Competency Suite Support	hpscusersupport@honeywell.com	1-800-822-7673

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UniSim Support	unisim.support@honeywell.com	
UniSim Competency Suite Support	hpscusersupport@honeywell.com	

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Taiwan:		0800-666-051
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