

BENEFITS GUARDIANSHIP NEWSLETTER

QUARTERLY NEWS / Q2 - 2024



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:

- *Uniformance Process Studio Transition to Uniformance Insight*
- *Honeywell Inspection Rounds: Localization of Movilizer Portal and Mobile*
- *Honeywell Blending and Movement R530 New Features*
- *Honeywell Workforce Competency R530.1 Release: Introduction to Experion SCADA Adapter*
- *UniSim Design R500 – New key usability features*
- *Honeywell Advance Process Control R51x.x server side along with PWV on EAS R530.1 and Control Performance Analytics – Unified (CPA-U) R611.1 is now available*
- *Honeywell Alarm Management: Documentation Module End of Sale Announcement*
- *Honeywell Operations Management – R246.2 patches available*
- *List of Knowledge Articles published to Process.Honeywell.com*

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

GlobalBGPDeliveryCentre@honeywell.com



ENTERPRISE DATA MANAGEMENT

- Uniformance Process Studio Transition to Uniformance Insight Announcement

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[UPCOMING PRODUCT RELEASES | CONTACT](#)

Enterprise Data Management

Uniformance Process Studio Transition to Uniformance Insight Announcement

This is a reminder that Uniformance Process Studio (UPS), our legacy process visualization solution, reaches **end of life effective April 30, 2025**, at which point, support entitlements shall be phased out.

With this in mind, Uniformance Process Studio will no longer be available for sale and BGP support release upgrade from June 28, 2024.

Customers utilizing Uniformance Process Studio are encouraged to migrate to Uniformance Insight (UI), our web-based visualization product.

Uniformance Insight provides an appealing user experience where information is easily monitored and explored for effective analysis and troubleshooting by engineering, operations teams and other key personnel. Your organization benefits from greater process intelligence, enabling smarter and faster data-driven decisions.

Note

- UPS licenses can be converted (1:1) to UI licenses at **no extra cost** for active BGP customers.
- The next release of Uniformance Insight R2.5.0 is scheduled for July 2024.

Please contact your Honeywell sales representative to answer any questions you may have.

UI FEATURES AND BENEFITS

- True thin client
- No need to push software and patches to end-user devices
- Device and operating system independent
- Call up displays from a browser link
- Public and private workspaces
- Intuitive drag/drop trending
- Customizable tag ranges
- Trend targets/limits
- Trend with alarms and events
- Stacked charts
- Trend annotations
- Customizable trend styling
- Quick trend in a separate tab
- Powerful HTML5 graphics with optional scripting
- Extensive shape library
- Data-bound controls
- Condition-based color changes
- Build environment based on familiar HMIWeb tools
- Trends in graphics
- Workspaces combine trends, graphics and tables
- Synchronized time navigation
- Easy maximize a tile
- Navigate using a custom menu or asset model
- Connectivity for PHD, third-party historians, databases and a wide variety of application data sources
- Leverage your existing application asset model
- Share a workspace just by sending a link
- Single Sign On available through OpenID Connect (OIDC)
- HTTPS support

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Honeywell Inspection Rounds

Localization of Movilizer Portal and Mobile

This article explains how to update the translation or localization for the Honeywell Inspection Round (HIR) portal and on mobile and tablet.

Honeywell Inspection Round (HIR) Portal and the client device (mobile and tablet) application use the English language by default. If another localized language is used, the translation from English can be edited.

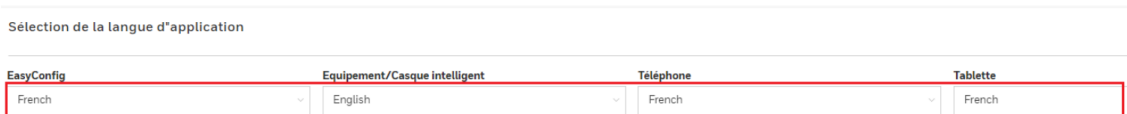
There are two ways this can be achieved:

1. Individual **Technical Key** changes in the portal if there are not a lot of changes.
2. Bulk export of all the **Technical Key** translations so they can be changed offline and then re-imported. This is to be used when a lot of Technical Keys must be updated.

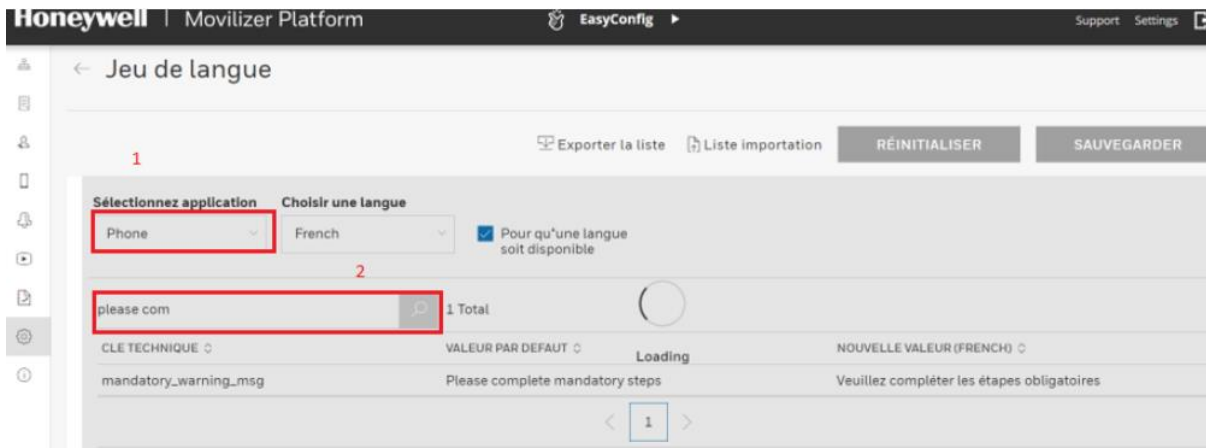
This can be done for **Easy Config**, mobile and tablet Technical Key translation. The language used as an example is French.

First Method: Individual Technical Key changes in the portal.

1. Connect to the **Movilizer Portal** in the usual way.
2. Choose **Easy Config** and choose the **Enterprise** level.
3. Select the **Configuration** button in the left navigation pane.
4. Expand **“Sélection de la langue d’ application”** (if the language is not French, it will be the translation for **Select application language**) and change everything to English using the drop-down button. This will allow you to edit the Technical Keys.



5. Then select **Language Set**. Change the language back to French so you can see the list of Technical Keys to edit. There you can change the **Technical Keys** that need to be changed. You have to select in which app you need to update the translation: **EasyConfig, Tablet, or Mobile**, using the arrow-down menu shown as “1” in the screenshot below.
6. You can use the **Search** button to facilitate finding the **Technical Key** to modify (shown as “2” in the screenshot below).



7. Finally, after you have made the changes and saved, you will need to ensure you change the application language setup to the original state, i.e., French.

Second Method: Bulk Changes Offline

1. Complete steps 1 to 3 as per the first method.
2. Go to **Jeu de langue** (if the language is not French, it will be the translation for **Language Set**), and select the application you want to modify (**Easy Config, Tablet or Mobile**).

Global Search 1897 Total

CLE TECHNIQUE	VALEUR PAR DEFAUT
PageTaskLimit1ActionLengthError	Limit 1 action cannot be more than
TemplateRemoveallTasks	Remove All Tasks
RoundSubmissionNoOfSkippedAssets	No. of Skipped Assets

3. Click on **Exporter la liste** (if the language is not French, it will be the translation for **Export the List**).

← Jeu de langue

Global Search 1897 Total

CLE TECHNIQUE	VALEUR PAR DEFAUT	NOUVELLE VALEUR (FRENCH)
PageTaskLimit1ActionLengthError	Limit 1 action cannot be more than	Limite d'action 1 ne peut pas é
TemplateRemoveallTasks	Remove All Tasks	Supprimer toutes les Tâches

4. This will download an Excel spreadsheet **Jeu de Langue_EasyConfig_French_V01.csv**. This file contains three columns: Column A is the Technical Key description; Column B is the value by default (i.e., English); Column C is the new Value (i.e., the translated key in French).

A	B	C
CLE TECHNIQUE	VALEUR PAR DEFAUT	NOUVELLE VALEUR (French)
Delete	Delete	Effacer

5. Update all the fields in Column C that need to be updated.
6. Change the title (first row) in the spreadsheet to be in English as below:

A	B	
TECHNICAL KEY	DEFAULT VALUE	NEW VALUE (French)
Delete	Delete	Effacer

7. **Save** the new translation.
8. Do step 4 from the first method in order to be able to import the new saved CSV file.
9. Then select **Language Set**. Change the language back to French.

Click on **“Importer la Liste”** next to the button previously used to export the list.

Steps 2 through 9 can be repeated for the other applications (i.e., the Mobile and the Tablet), as there is a spreadsheet generated per application.

Honeywell Inspection Round (HIR) SaaS Updates Details

Honeywell Inspection Round R8.4.5 has been deployed in both SaaS and on-premises environments. Here are the details:

Honeywell Inspection Rounds R8.4.5 update: This release contains fixes for the following enhancements and product anomalies:

[MOVOR-19183] - No space between words in the Field Round Completion chart of Native Dashboard.

[MOVOR-19134] - Any type of error while importing an Excel for configuring asset, task, limit, device, users, or Advanced Round Template is represented by a partial error message in the UI.

[MOVOR-19199] - Message displayed on round review/deviation/incident/incomplete tasks/task deviation in EasyConfig is not relevant.

[MOVOR-19297] - Completed Round Status is overwritten with Missed Round status in the Planning Board.

[MOVOR-19343] - Re-executed Missed Rounds show - in the Done tab on mobile.

Article submitted by Anne Colençon, HCI Technical Support – Honeywell Inspection Rounds.

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Honeywell Blending and Movement

Honeywell Blending and Movement R530 New Features

A number of new features have been included in Honeywell Blending and Movement (HBM) R530 in the various applications that comprise the HBM suite of applications:

a) HBM offers two tank monitoring and alarming applications:

- Inventory Monitor (IM) is a Windows-based application, which offers tank monitoring and alarming, and also provides the infrastructure to integrate with the Movement Management functionality.
- Tank Monitor (TM) is a C300-based application, which also offers basic tank monitoring and alarming. Because TM is based in the C300, it provides high availability as it does not require the additional interfaces with Windows.

In R530, integration features have been provided so that if the IM application is offline (e.g., during server failover, RTDR synchronization, etc.), the TM application steps in to automatically monitor the tanks and provide alarming, including stop gauge. Common configuration and sensors are used to ensure that the two systems can remain in sync.

b) As part of Inventory Monitor (IM) and Movement Management (MM), new equipment detail graphics, which adhere to the Honeywell User Experience (HUE) guidelines, are now available for the Mixer Detail, Pump Detail and Tank Detail.

c) Support of an interface between Honeywell's Plant Wide Optimizer (PWO) and HBM's Blend Optimizer (BO) is now provided.

d) The Field Operator Extension (FOE) is introduced as part of the HBM R530 release. Field Operator Extension is a mobile application that manages the execution of field operator tasks in the context of executing automated material movements in plants such as oil refineries. The Field Operator Extension wirelessly transmits manual equipment operator requests (e.g., start a manual pump, open a manual valve) from MM to the field operators, as the equipment operations are required. Once the operation has been performed the field operator marks the activity as complete on the mobile device. The operation is logged, and the MM application can then continue automatically.

For example, when lining up a transfer to be executed, the MM (with the Movement Control option) can automatically close any automatic isolation valves in the path but needs to wait for the field operator to close manual isolation valves. The request to close the manual valve would be sent to the field operator's mobile device; the operator would proceed to close the manual valve and indicate on the mobile device that the valve is closed. MM can then proceed automatically with the next step in the lineup sequence.

The Field Operator Extension facilitates the coordinated execution of console and field operations, which minimizes risks, decreases hazards and improves plant efficiency.

e) Blend Controller (BC) and Tank Monitor (TM) support the following devices:

- C300PM
- C300v5
- UOC with CAB

f) In Blend Controller (BC), the total blend flow may be either measured by a header meter or calculated as the sum of the component flow rates. If the percent difference (% drift) between the two values is greater than the configured flow tolerance for the blender, the drift value is highlighted on the operator display and a message is sent to the **Message Summary** to notify the operator. This is a useful check of header meter validity. The operator may choose to switch the data source for the blend total flow from the header meter to the calculated value until the header meter can be verified/repared/calibrated.

g) Key system health key performance indicators (KPIs) are calculated for IM, MM and BO, which may be collected by Honeywell's Embedded Service functions for subsequent reporting and analysis.

For more information on Honeywell Blending and Monitoring, 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

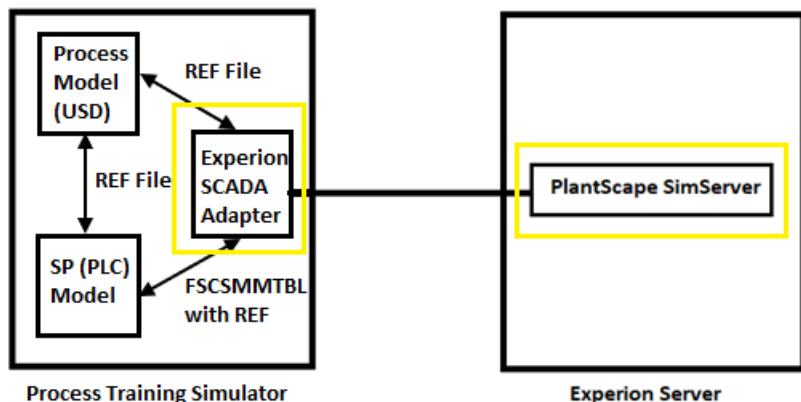
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Honeywell Workforce Competency

Introduction to Experion SCADA Adapter

This article describes the new feature which was introduced in Workforce Competency R530.1 and on. As shown in the following diagram, the Process Training Simulator-Experion SCADA adapter software consists of two types of components: the Experion SCADA adapter model created in the Process Training Simulator and PlantScapeSimServer residing on the Experion Server. Experion SCADA adapter will directly communicate with SCADA points defined in Experion Server through PlantScapeSimServer.



Key Benefits of Using the Experion SCADA Adapter Method

The new Experion SCADA adapter has the following advantages:

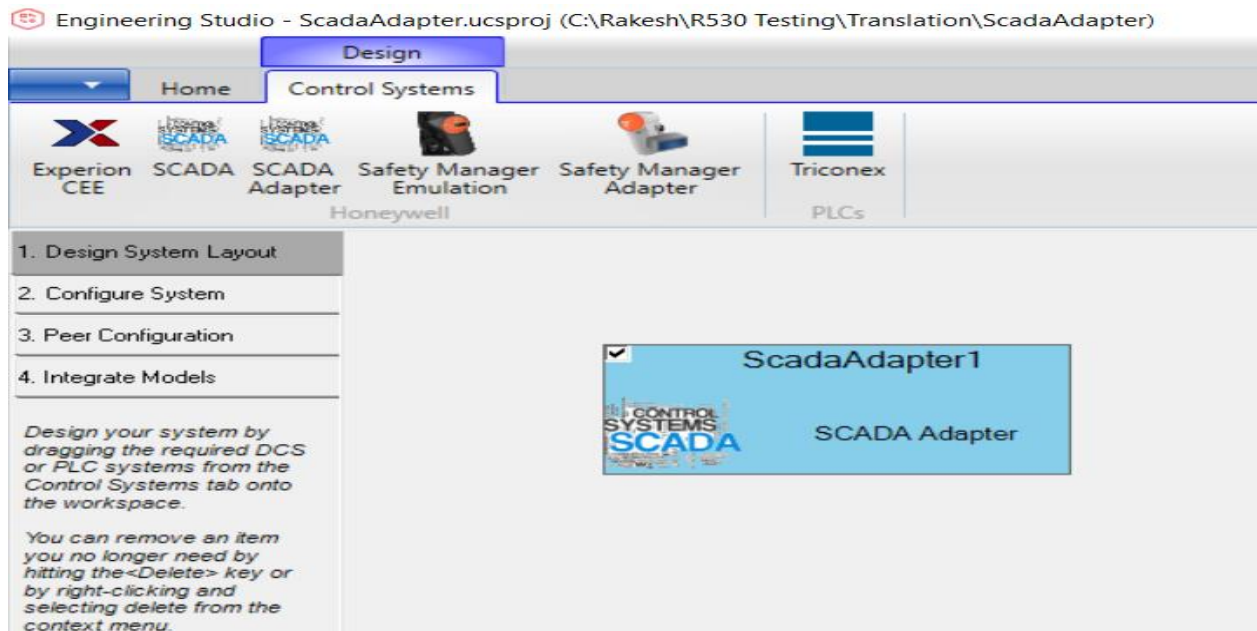
- Users do not have to reconfigure the SPControl model when they have made SCADA-related changes.
- The Experion server is the one source of information for translated points.
- Easy to add or remove SCADA points.
- Enhanced Engineering User interface for the SCADA adapter.
- The Experion SCADA adapter is integrated with Engineering Studio for model generation.
- The Experion SCADA adapter method supports the standard data formats supported by Experion PKS.
- The logging mechanism is improved for incorrectly configured points. We can also see the Experion server logs in the Process Training Simulator log viewer.
- The SCADA adapter supports stub mode, which allows to load the SCADA adapter model even when the Experion server is unavailable (just like the legacy interface).
- SCADA adapter also allows to communicate with PEER SPControl models.
- The Experion SCADA adapter uses the existing PlantScapeSimServer. The PlantScapeSimServer still gets configured as normal in the Experion server.
- The (now legacy) SCADA interface is still supported.
- There is no migration path currently for the legacy SCADA interface (this feature should be coming in the next release), so a full re-translation will be required to use the SCADA adapter.

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Experion SCADA Adapter in Engineering Studio

Experion SCADA adapter is added as a new control system in Engineering Studio. For performing SCADA adapter model creation, the following primary input files are required:

1. SCADA Database Point definition file exported from the Experion Quick Builder (*.pnt).
2. SCADA Database Hardware definition file exported from the Experion Quick Builder (*.hdw).



Sample of Experion SCADA DCS Adapter Configuration File

The translation of the Experion SCADA adapter will generate the following DCS adapter file, which includes the Experion server name, LRN number, Stub mode, IOMAP settings, etc.

```
<Adapter>
<AdapterName>ScadaAdapter</AdapterName>
<properties>
<SCADA_SERVER_HOSTNAME>EPKSSVR</SCADA_SERVER_HOSTNAME>
<SYNC_FREEZE>>false</SYNC_FREEZE>
<LRN>111</LRN>
<ANALOGFILE>251</ANALOGFILE>
<STATUSFILE>252</STATUSFILE>
<ACCUMFILE>253</ACCUMFILE>
<STUBMODE>NO</STUBMODE>
<USE_IOMAP>YES</USE_IOMAP>
<IOMAP>QBDatabase0_iomap.csv</IOMAP>
<STEPSIZE>1.0</STEPSIZE>
<POINT_INFO_FILE>QBDatabase0.ScadaData</POINT_INFO_FILE>
<RTU>251,ANALOG-1,1,1001</RTU>
<RTU>251,ANALOG-2,2,1004</RTU>
<RTU>252,STATUS-1,1,1002</RTU>
<RTU>253,ACCUM-1,1,1003</RTU>
</properties>
</Adapter>
```

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Experion SCADA Adapter Engineering User Interface (UI)

Experion SCADA adapter offers an Engineering UI, which allows the user to force the values for the respective tag by checking the manual option. The SCADA adapter custom form tab provides the analog, status and accumulator points and their detailed display.

The screenshot displays the ScadaAdapter1 DCS Adapter Engineering User Interface (UI). The window title is "ScadaAdapter1 DCS Adapter". The simulation status is "Frozen" with a snapshot name of "SNST-20240614183434". The interface includes tabs for "All Values", "Watch (Temporary Watch List)", "Error Log", and "Scada Adapter Custom Form". The "All Values" tab is active, showing two tables of tag data.

Values From DCS			
Name	Value	Manual	Format
1 ACTEMP1.SPDS	0.000	<input checked="" type="checkbox"/>	Decimal
2 ACTEMP1.AUXD(1)	0.000	<input checked="" type="checkbox"/>	Decimal
3 ACTEMP1.AUXD(2)	0.000	<input checked="" type="checkbox"/>	Decimal
4 ACTEMP1.AUXD(3)	0.000	<input checked="" type="checkbox"/>	Decimal
5 ACTEMP1.AUXD(4)	0.000	<input checked="" type="checkbox"/>	Decimal
6 K101_1.SPEED.OPDST	0.000	<input checked="" type="checkbox"/>	Decimal
7 HV107.OPDST	0.000	<input checked="" type="checkbox"/>	Decimal
8 PVALGO_STA_AGT68.OPDST	0.000	<input checked="" type="checkbox"/>	Decimal
9 APRESSURE2.OPDST	0.000	<input checked="" type="checkbox"/>	Decimal
10 APRESSURE2.MDDST	0	<input checked="" type="checkbox"/>	Decimal
11 APRESSURE2.SPDS	0.000	<input checked="" type="checkbox"/>	Decimal
12 APRESSURE2.AUXD(1)	0.000	<input checked="" type="checkbox"/>	Decimal
13 APRESSURE2.AUXD(2)	0.000	<input checked="" type="checkbox"/>	Decimal
14 APRESSURE2.AUXD(3)	0.000	<input checked="" type="checkbox"/>	Decimal
15 APRESSURE2.AUXD(4)	0.000	<input checked="" type="checkbox"/>	Decimal
16 APRESSURE3.OPDST	0.000	<input checked="" type="checkbox"/>	Decimal
17 APRESSURE3.MDDST	0	<input checked="" type="checkbox"/>	Decimal
18 APRESSURE3.SPDS	0.000	<input checked="" type="checkbox"/>	Decimal
19 APRESSURE3.AUXD(1)	0.000	<input checked="" type="checkbox"/>	Decimal
20 APRESSURE3.AUXD(2)	0.000	<input checked="" type="checkbox"/>	Decimal
21 APRESSURE3.AUXD(3)	0.000	<input checked="" type="checkbox"/>	Decimal
22 APRESSURE3.AUXD(4)	0.000	<input checked="" type="checkbox"/>	Decimal
23 UDDF_ANA_SCLD_FRMT02_001.OPDST	0.000	<input checked="" type="checkbox"/>	Decimal
24 UDDF_ANA_SCLD_FRMT02_001.MDDST	0	<input checked="" type="checkbox"/>	Decimal

Values To DCS			
Name	Value	Manual	Format
1 ACCUM1.PV	0.000	<input type="checkbox"/>	Decimal
2 ACTEMP1.PV	0.000	<input type="checkbox"/>	Decimal
3 ACTEMP1.OPSRC	0.000	<input type="checkbox"/>	Decimal
4 ACTEMP1.MDSRC	0.000	<input type="checkbox"/>	Decimal
5 ACTEMP1.SPSRC	0.000	<input type="checkbox"/>	Decimal
6 ACTEMP1.AUXS(1)	0.000	<input type="checkbox"/>	Decimal
7 ACTEMP1.AUXS(2)	0.000	<input type="checkbox"/>	Decimal
8 ACTEMP1.AUXS(3)	0.000	<input type="checkbox"/>	Decimal
9 ACTEMP1.AUXS(4)	0.000	<input type="checkbox"/>	Decimal
10 APRESSURE4.PV	0.000	<input type="checkbox"/>	Decimal
11 K101_1.SPEED.PV	0.000	<input type="checkbox"/>	Decimal
12 K101_1.SPEED.OPSRC	0.000	<input type="checkbox"/>	Decimal
13 V101.LEVEL.PV	0.000	<input type="checkbox"/>	Decimal
14 LV101.OP.PV	0.000	<input type="checkbox"/>	Decimal
15 HV107.PV	0.000	<input type="checkbox"/>	Decimal
16 HV107.OPSRC	0.000	<input type="checkbox"/>	Decimal
17 PI113.COM.PV	0.000	<input type="checkbox"/>	Decimal
18 LV102.OP.PV	0.000	<input type="checkbox"/>	Decimal
19 V102.LEVEL.PV	0.000	<input type="checkbox"/>	Decimal
20 TI123.COM.PV	0.000	<input type="checkbox"/>	Decimal
21 PI122.COM.PV	0.000	<input type="checkbox"/>	Decimal
22 FI122.COM.PV	0.000	<input type="checkbox"/>	Decimal
23 FI113.COM.PV	0.000	<input type="checkbox"/>	Decimal
24 PVALGO_ANA_PVALGO7.PV	0.000	<input type="checkbox"/>	Decimal

Updates Available

Honeywell Forge Workforce Competency R521 updates

The latest update for Workforce Competency R521 is 521.4.1.1 (released on February 29, 2024).

- HCPP-27216: ARRAY_SIM2 GCB only supports 32 NN, but more slots are required.
- HCPP-27386: Getting a "non-simulation engine type operating exception" after successfully loading the models.
- HCPP-27419: Rockwell API thread startup logic that can result in thread hangs which freezes the RSLogixSimServer.
- HCPP-27758: CCC adapter is not writing the StepSize parameter on the CCC Emulator.
- HCPP-27773: TRB: tpsim's Regctl is not allowing a store to SPTV from an AM CL when its MODATTR is set to "Prog."
- HCPP-27763: CPV tracking downstream value disabled when OTRK=low.
- HCPP-27579: Configuration of NCIC is failing with "The following streams are unconnected" errors.

A previous update for Workforce Competency was 521.4.1.0 (released on December 15, 2023).

- 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: DeltaV Step timing out too soon.
- HCPP-27378: 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 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.

Honeywell Forge Workforce Competency R520 updates

The latest update for Workforce Competency R520 is 520.3.2.0 (released on June 2, 2024):

- HCPP-28590: FB_VAR_ENTRY/ EXIT calls for array elements handled similarly to normal (non-array) Types.
- HCPP-27773: TPSIM's Regctl is not allowing a store to SPTV from an AM CL when its MODATTR is set to "Prog."

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

- 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 7.1 (released on June 14, 2023) – See the previous newsletter for details.

Article submitted by Rakesh Kumar V G, HPS Technical Support – Workforce Competency.

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UniSim® Design Suite

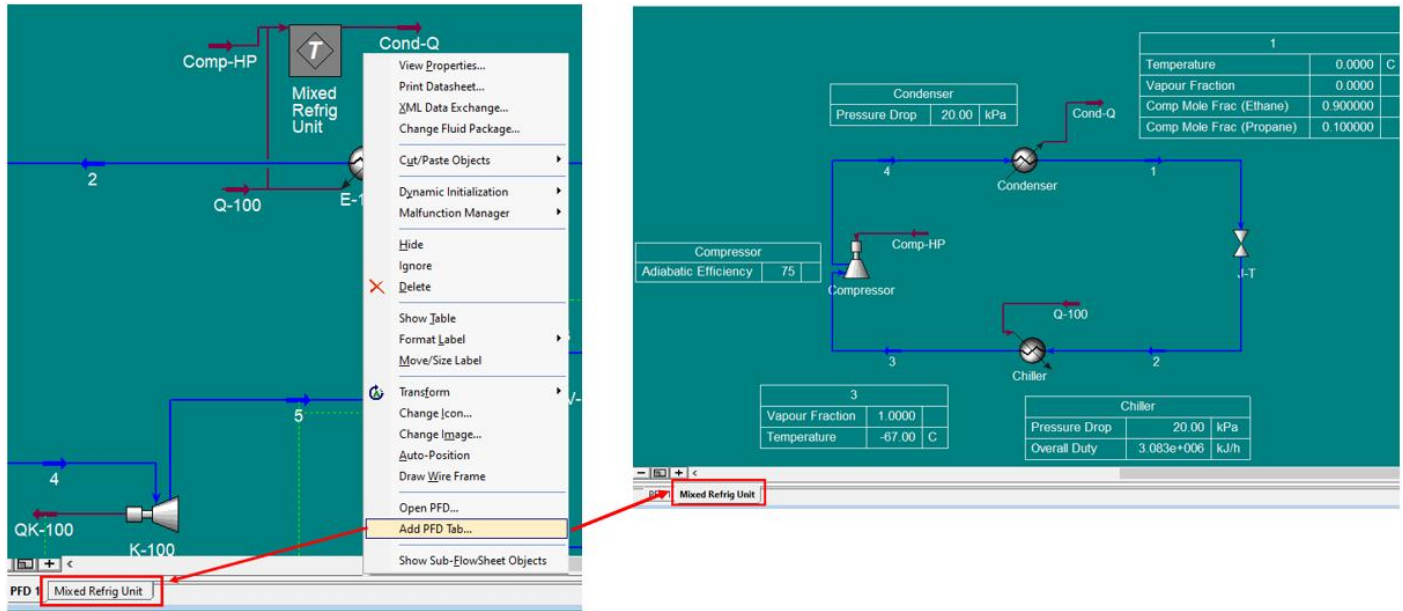
UniSim Design R500 – New Key Usability Features

This article describes the new key usability features of the UniSim Design R500 release. More details of UniSim Design R500, including how to obtain it, can be found in the Knowledge Base here: [UniSim Design R500 information](#) (no sign-in needed for this page).

This article is also available in the Knowledge Base [here](#) (sign-in required).

Ability to show multiple PFDs as tabs

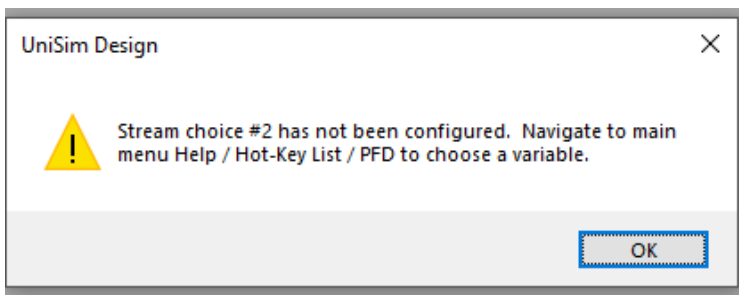
UniSim Design R500 can show sub-flowsheets PFDs as tabs. This is done by right-clicking on a sub-flowsheet icon and selecting the “Add PFD Tab...” option.



It is important to note that the “Add PFD Tab” option creates a clone of the original PFD of that sub-flowsheet, including any customization such as tables, modified unit icons sizes/rotations, etc. Once the cloned PFD is created, it is then independent of the original, and customizations made in one will not be shown in the other, and vice versa.

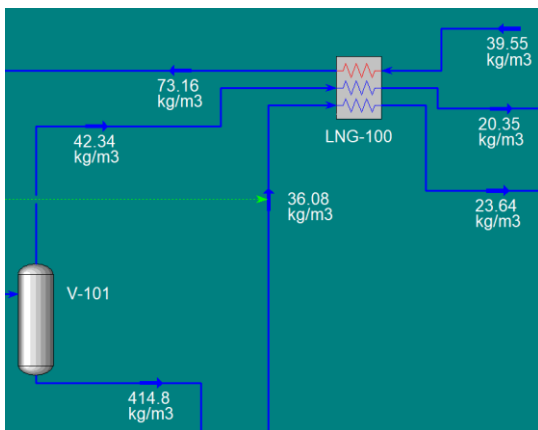
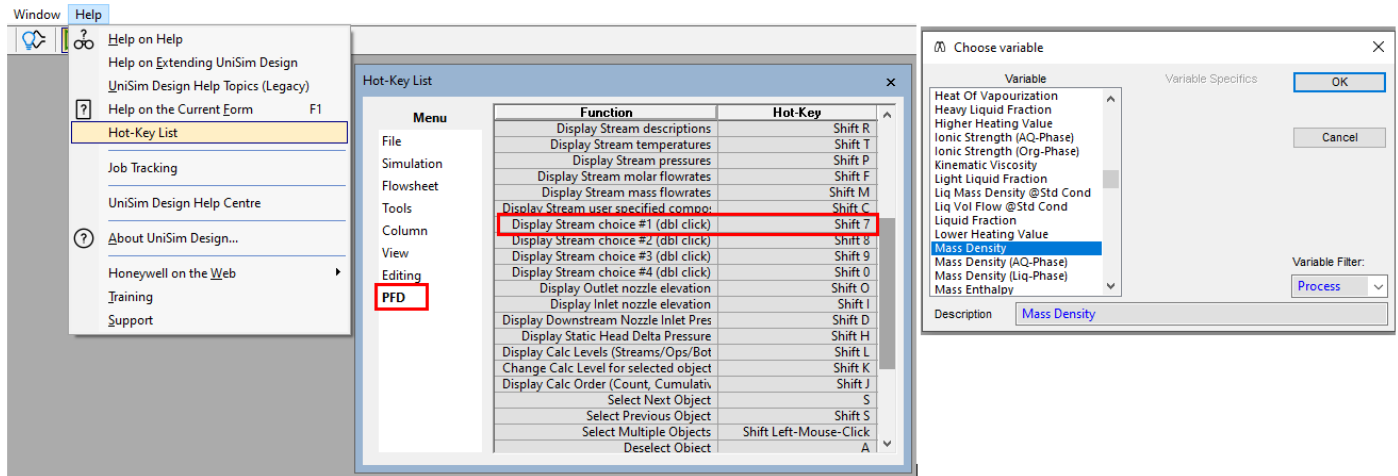
User configurable shortcuts for PFD label variable (via Shift + 7, 8, 9)

UniSim Design R500 provides four new customizable PFD hot keys via Shift + 7, 8, 9 and 0 for displaying a stream variable on the PFD. Before configuring these choices, if the users press Shift+7 they will receive the message “Stream choice #1 has not been configured. Navigate to main menu Help / Hot-Key List / PFD to choose a variable.” For Shift + 8, 9 or 0, a similar message will be displayed but for choice #2/choice #3/choice #4.



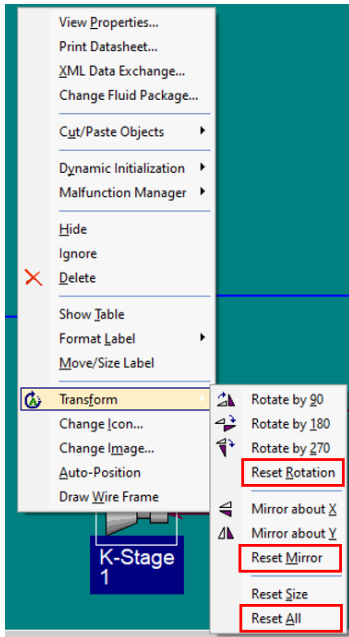
To configure the hot keys, from the **Help** menu, select “Hot-Key List > PFD” and double-click on the choice number.

The screenshot below demonstrates how Shift + 7 (choice #1) was configured to display the stream mass density:



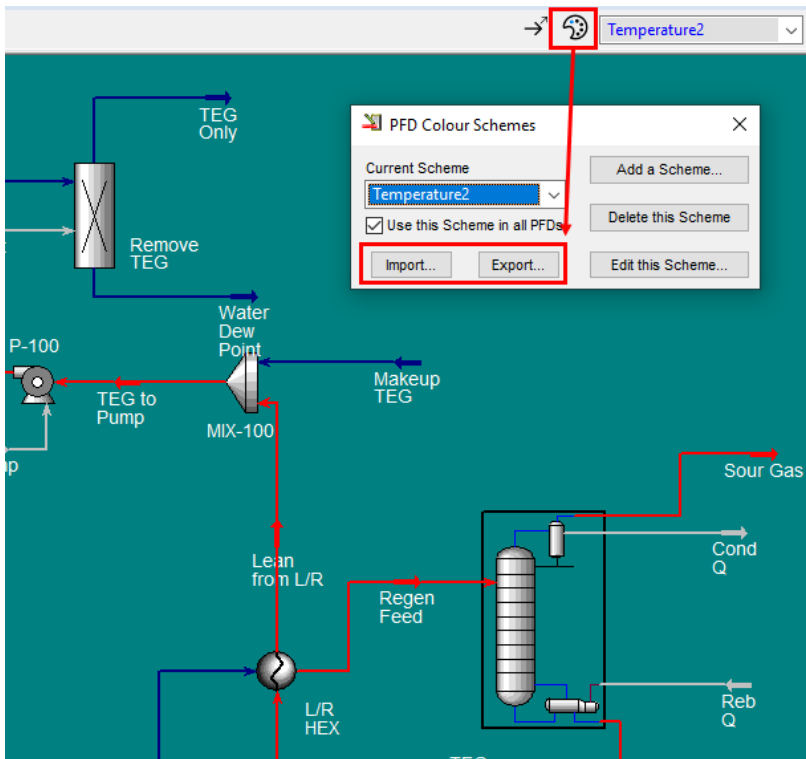
Reset PFD icon option

UniSim Design R500 has the option to reset the PFD icon rotation, mirror, size or all three options. To access the reset options, right-click on the operation or stream icon and select "Transform," then use the reset options as shown:



Import/export of PFD color schemes

UniSim Design R500 now allows the import and export of PFD color schemes.



Freeze Panes option on matrix controls

UniSim Design R500 has a new **“Freeze Panes”** option on matrix controls (e.g., spreadsheet, workbook), similar to Microsoft Excel. To access the freeze pane option, right-click on the desired cell and choose **“Freeze Panes.”** The **“Unfreeze Panes”** option is also available.

Workbook - Case (Main)

Name	Vapour Fraction	Temperature [C]	Pressure [kPa]	Molar Flow [kgmole/h]
Feed 1	0.0309	60.00	2500	4299
Fuel Gas 1	1.0000	74.30	2001	22.60
HP Gas Out 1	1.0000	120.1	5601	386.6
Water Out 1	1.0000	6.93	600.3	1914
Crude Out 1	1.0000	4.27	1201	1976
Feed 2	0.00	2500	2500	3743
Fuel Gas 2	1.0000	4.29	2001	22.64
HP Gas Out 2	1.0000	12.4	5601	352.3

Workbook - Case (Main)

Name	Pressure [kPa]	Molar Flow [kgmole/h]	Mass Flow [kg/h]	Liquid Volume Flow [m3/h]	Heat Flow [kJ/h]
Feed 1	2500	4299	2.199e+00!	325.0	-9.609
Fuel Gas 1	2001	22.60	768.7	1.637	-2.132
Crude Out 3	1201	2062	1.802e+00!	273.6	-4.000
Feed 4	2500	3556	1.812e+00!	268.6	-7.916
Fuel Gas 4	2001	22.65	768.8	1.643	-2.128
HP Gas Out 4	5601	331.5	9931	22.59	-2.953
Water Out 4	801.3	1574	2.840e+00!	28.48	-4.445
Crude Out 4	1201	1628	1.421e+00!	215.9	-3.155

Current Cell: Imported From: C4 of Totals @TPL1

B2 Variable: C4: Compressor Duty Angles in: Rad

	A	B	C	D
1		Comp Power	Pump Power	Cooling Du
2	Se	0.0109 kW	0.00	0.00
3	Se	-0.002 kW	0.00	0.00
4	Se	-0.002 kW	0.00	0.00
5	Se	-0.002 kW	0.00	0.00
6	Gas Plan	0.650 kW	3408	
7	Gas Plan	0.650 kW	3.899e+004	
8	Oil Stabilisat	0.07.9 kW	2.025e+004	

Current Cell: Imported From: C4 of Totals @TPL1

B2 Variable: C4: Compressor Duty Angles in: Rad

	A	C	D	E
1		Power	Pump Power	Cooling Duty
5	Sep 4	6.5 kW	1.317e-002 kW	0.0000
6	Gas Plant 1	3.8 kW	6.650 kW	3408 kW
7	Gas Plant 2	2.2 kW	6.650 kW	3.899e+004 kW
8	Oil Stabilisation	0.91 kW	207.9 kW	2.025e+004 kW
9				
10	Total	0.04 kW	221.2 kW	6.265e+004 kW
11				

Multi-select: Matrix column checkboxes

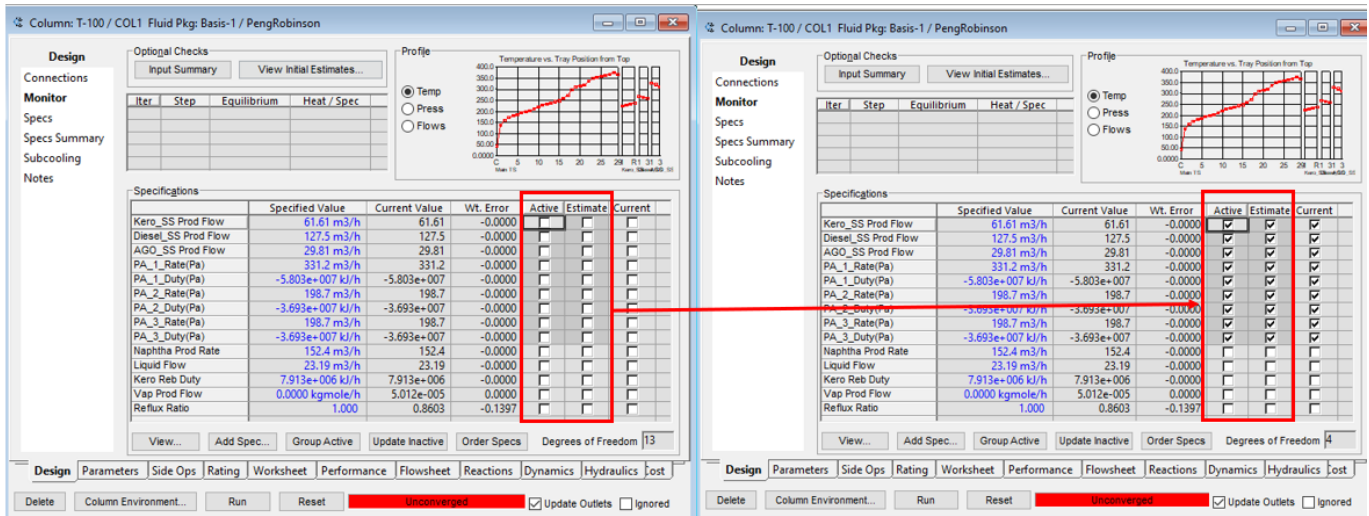
UniSim Design R500 now allows for multiple selections of checkboxes, for example on Strip chart/Case Study variables or Distillation Column specifications by highlighting an entire range of checkboxes (using the left-click or Shift key on the keyboard) and clicking on the "Active" checkbox for any one of them, all the highlighted checkboxes are then checked. The CTRL key on the keyboard can also be used to make multiple selections.

DataBook

Available Strip Charts: DataLogger1, Flows, HP Sep, HP Separator, LP Sep, Nozzle, Valve Characteristic, Valves

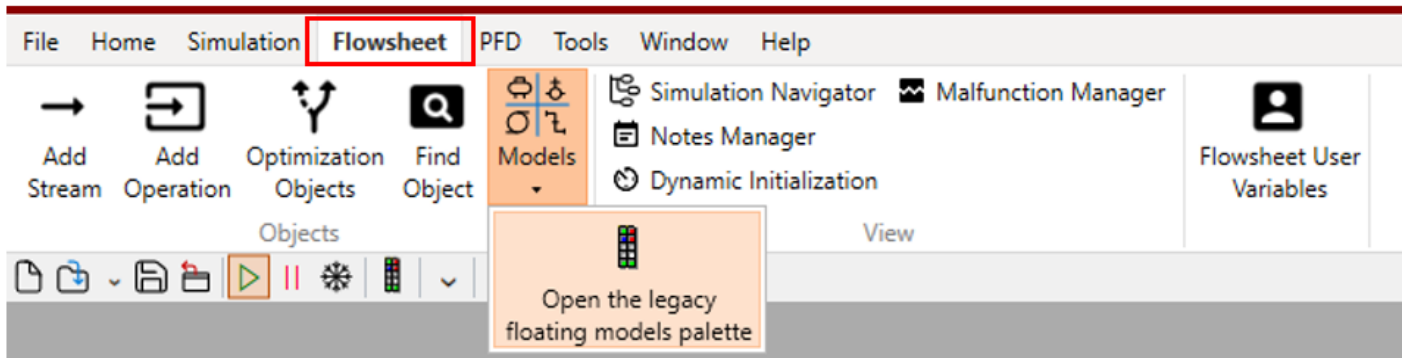
Individual Strip Chart Data Selection: Strip Chart Name: DataLogger1

Object	Variable	Active
Alpha1	Mass Flow	<input type="checkbox"/>
Bravo1	Mass Flow	<input type="checkbox"/>
Charlie1	Mass Flow	<input type="checkbox"/>
Hot Vap	Mass Flow	<input type="checkbox"/>
HP Liq1	Mass Flow	<input type="checkbox"/>
HP Vap	Pressure	<input type="checkbox"/>
HP Sep	Liquid Percent Level	<input type="checkbox"/>
Hot Vap	Temperature	<input type="checkbox"/>
HP Liq	Phase Mass Flow (Aqueous Ph	<input type="checkbox"/>
HP Liq	Phase Mass Flow (Liquid Phase	<input type="checkbox"/>
HP Sep	Liquid Volume Percent	<input type="checkbox"/>
HP Sep	Phase Level (Phase Level, 3	<input type="checkbox"/>
Knockout Dru	Liquid Volume Percent	<input type="checkbox"/>
Hot Vap Out	Pressure	<input type="checkbox"/>
LP Sep	Liquid Volume Percent	<input type="checkbox"/>
LP Sep	Vessel Pressure (dynamic spec	<input type="checkbox"/>
LP Sep	Phase Level (Phase Level, 3	<input type="checkbox"/>
LC-LP Sep	PV	<input type="checkbox"/>

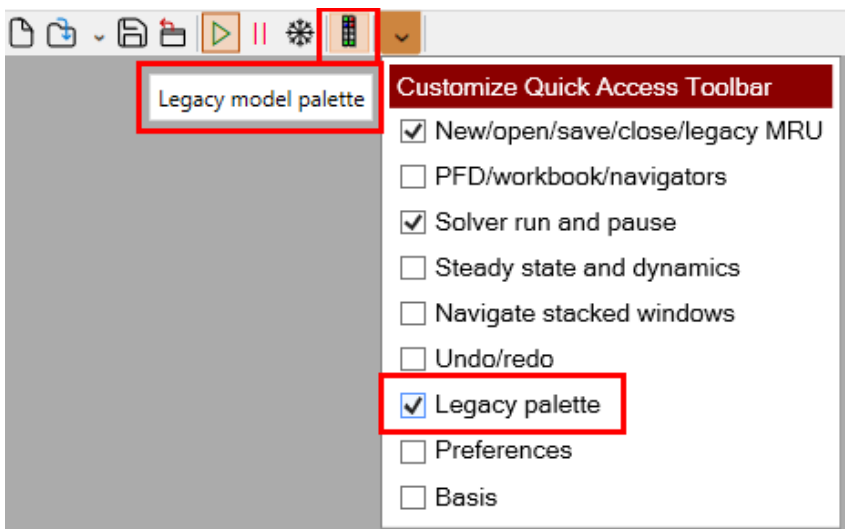


New object palette

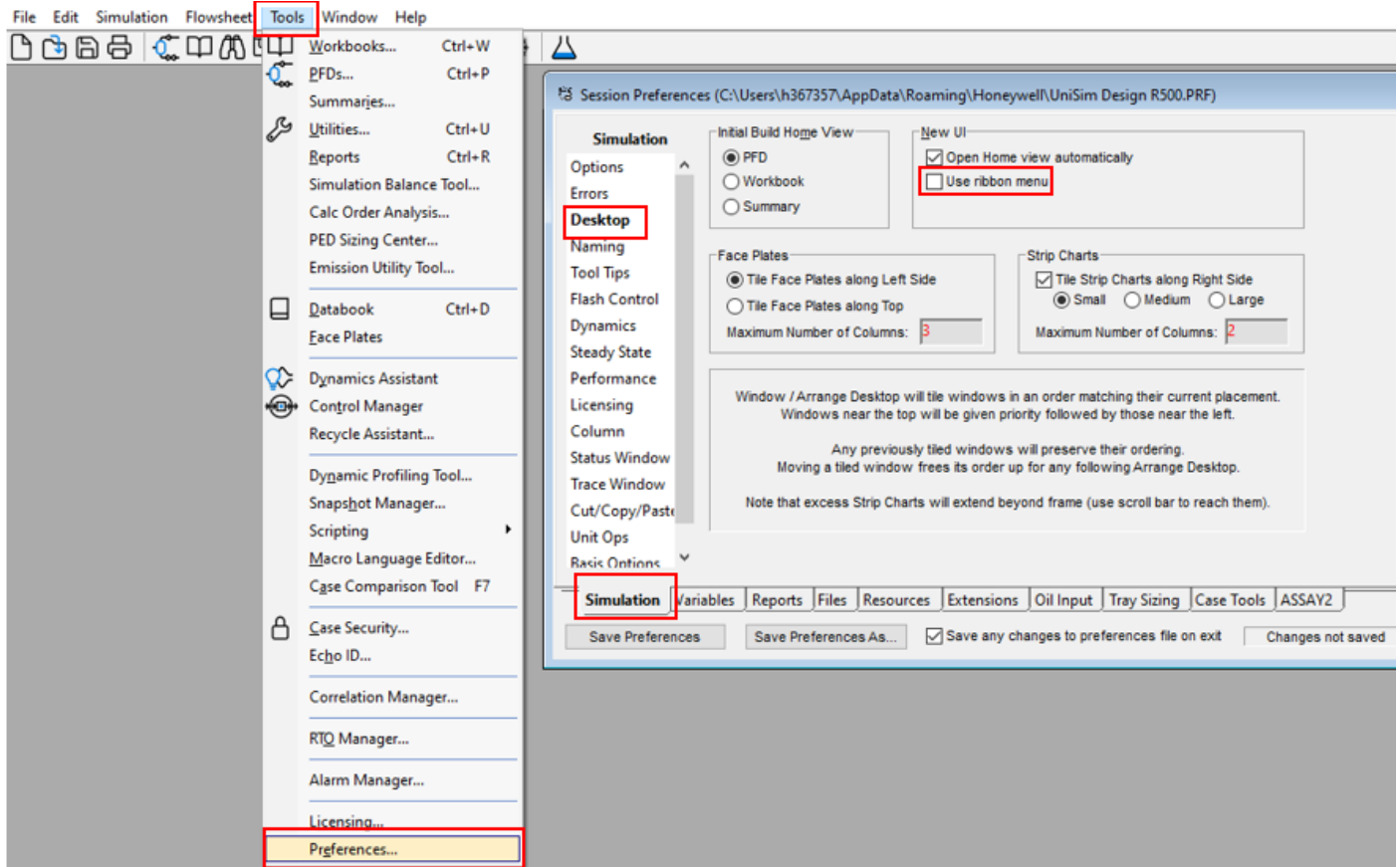
UniSim Design R500 has an improved object palette. If desired, the legacy object palette can be accessed from the ribbon menu from **Flowsheet > Models > Open the legacy floating model's palette**.




The legacy object palette can also be accessed from the shortcut menu of the new toolbar. If the legacy palette is not available in the shortcut menu, it can be added from the **“Customize Quick Access Toolbar”** button.



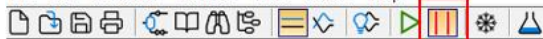
The ribbon menu can be activated from the **Tools** menu through **Preferences > Simulation tab > Desktop page > New UI options > Use ribbon menu** checkbox.



Freeze Data icon

UniSim Design R500 includes a new “**Freeze Data While Solving**” holding option for steady-state mode, which is accessed from the  icon in the toolbar.

By default, when the solver is in holding mode, a changed value invalidates dependent values – causing the previous values to be lost. The new values are only restored once the case is recalculated. The Freeze Data feature prevents this loss of current values as well as changes how dependent values represented in spreadsheet operation cells are modified.



SOUR GAS

Worksheet	Stream Name	SOUR GAS
Conditions	Vapour / Phase Fraction [Mol. Basis]	<empty>
Properties	Temperature [C]	30.00
Composition	Pressure [kPa]	6895
K Value	Molar Flow [kgmole/h]	1245
User Variables	Mass Flow [kg/h]	<empty>
Notes	Std Ideal Liq Vol Flow [m3/h]	<empty>
Cost Parameters	Molar Enthalpy [kJ/kgmole]	<empty>
	Molar Entropy [kJ/kgmole-C]	<empty>
	Heat Flow [kJ/h]	<empty>
	Liq Vol Flow @Std Cond [m3/h]	<empty>
	Fluid Package	DBR Amine Pa
	Phase Option	Multiphase

After changing this stream temperature specification with solver on hold the previously calculated values were lost.

Worksheet Attachments Dynamics

Unknown Flow Rate	
Delete	Define from Other Stream...

	A	B	C	D
1	Rich DEA	<empty>	Rich H2S Loading	<empty>
2	Rich H2S	<empty>	Rich CO2 Loading	<empty>
3	Rich CO2	<empty>		
4	Lean DEA	258.61 lbmole/hr	Lean H2S Loading	3.733e-007
5	Lean H2S	9.6548e-005 lbmc	Lean CO2 Loading	1.356e-002
6	Lean CO2	3.5054 lbmole/hr		
7			H2S Vol Frac	0.000000 lb/MMMS
8			H2S ppm	0.0232 lb/MMSCF
9				0.000000 lb/MMMS

File Edit Simulation Flowsheet Tools Window Help

Freeze Data While Solver Holding

PFID - Case (Main) Default Colour Scheme

Worksheet

Stream Name	SOUR GAS
Vapour / Phase Fraction (Mol. Basis)	0.9907
Temperature [C]	30.00
Pressure [kPa]	6895
Composition	1245
Molar Flow [kgmole/h]	2.423e+004
Mass Flow [kg/h]	69.66
User Variables	1.207e+004
Notes	149.6
Cost Parameters	1.502e+007
Heat Flow [kJ/h]	2.935e+004
Liq Vol Flow @Std Cond [m3/h]	DBR Amine Pa
Fluid Package	Multiphase
Phase Option	

After changing this stream temperature specification with solver on hold and Freeze Data option active the previously calculated values were not lost.

Worksheet Attachments Dynamics

SPRDSHT-1

Current Cell

A1 Variable: Angles in: Rad

	A	B	C	D
1	Rich DEA	258.61 lbmole/hr	Rich H2S Loading	0.1813
2	Rich H2S	46.875 lbmole/hr	Rich CO2 Loading	0.4447
3	Rich CO2	114.99 lbmole/hr		
4	Lean DEA	258.61 lbmole/hr	Lean H2S Loading	3.733e-007
5	Lean H2S	9.6548e-005 lbmole/hr	Lean CO2 Loading	1.356e-002
6	Lean CO2	3.5054 lbmole/hr		
7			H2S Vol Frac	0.000000 lb/MMS
8			H2S ppm	0.0232 lb/MMSCF
9				0.000000 lb/MMS

Connections Parameters Formulas Spreadsheet Calculation Order From

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 Ilie Stafie, UniSim Design Global Support Team.

[Back Home](#)

Honeywell Advanced Process Control

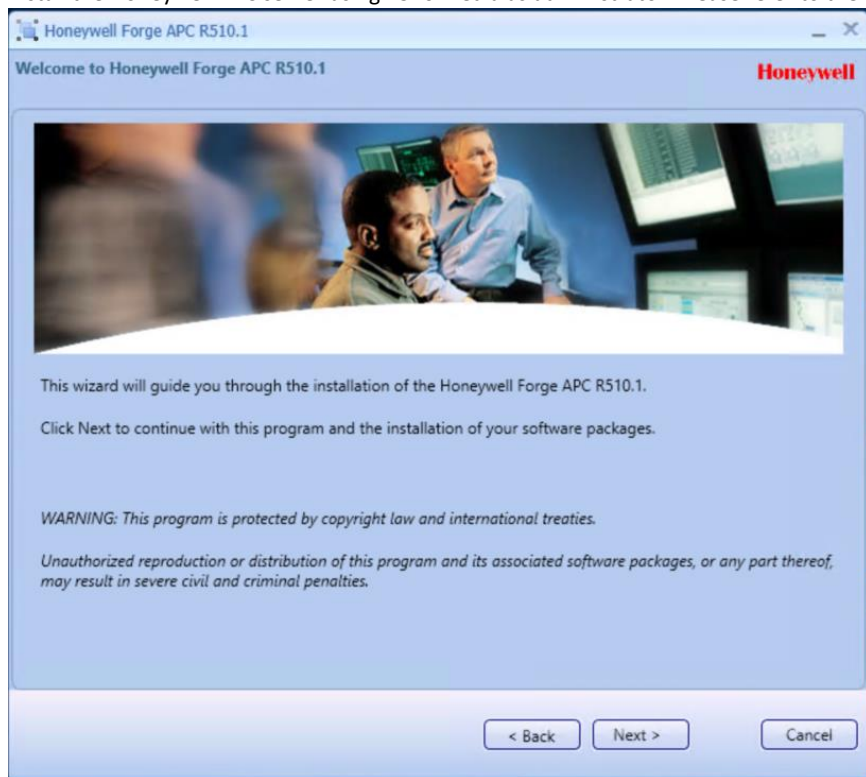
Procedure for Installing Honeywell APC R51x.x Server Side Along with PWV on EAS R530.1

The steps required for installing Honeywell APC R51x.x on EAS R530.1, in case PWV is to be installed in the same APC server, are explained in detail here. The Honeywell APC R51x.x server side **only** install on EAS R530.1 is straightforward, and users can refer to the Honeywell APC R510 install guide for the same. Since the Intuition component version in Honeywell APC R51x.x and EAS R530.1 is different, direct installation of Honeywell APC and PWV in the same EAS node will not work and needs to some manual steps as well. The main steps for Profit Suite R510.1/PSR513.1 installation on EASR530.1 for the above scenario is:

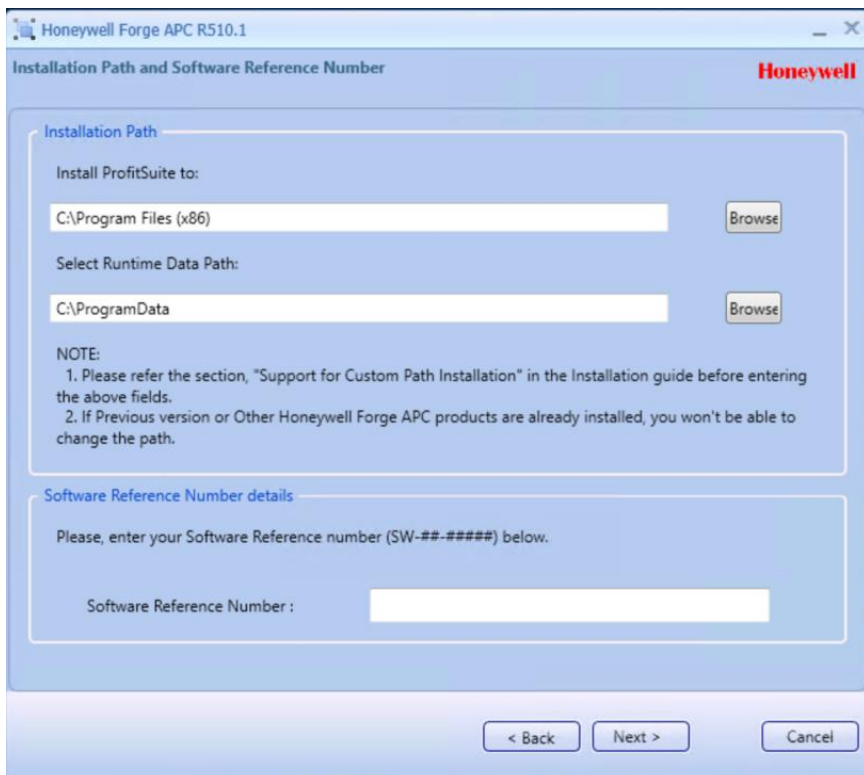
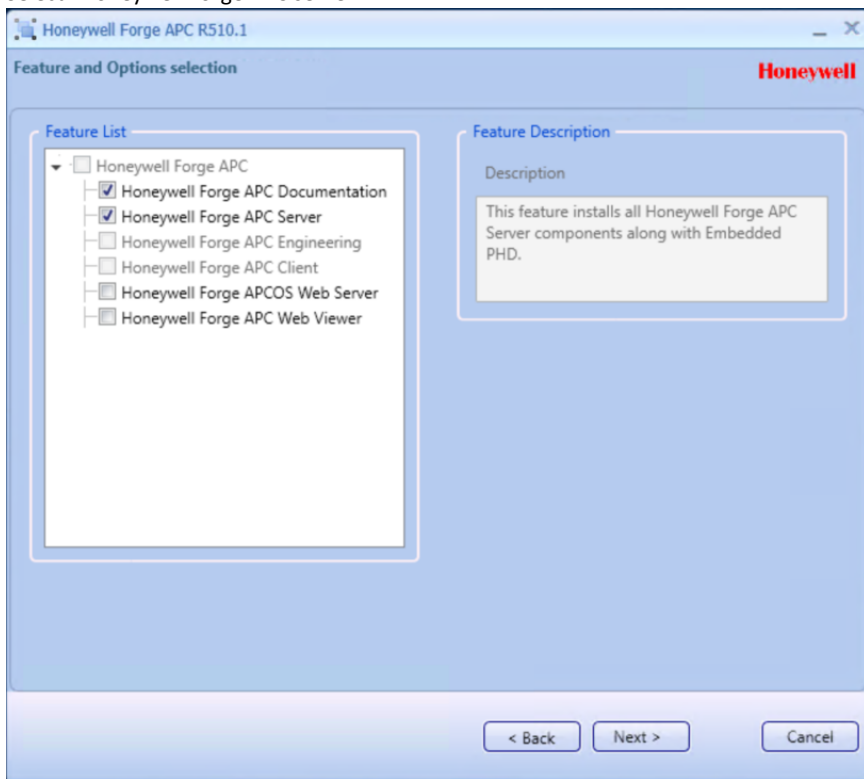
1. First, install Honeywell APC server R510.1 only in EAS R530.1 node.
2. Install the Intuition Core System R302.1 manually, which is compatible with EAS R530.1.
3. Install the corresponding Common Asset Model manually.
4. Manual web config changes related to intuition after CAM install (which are described in the detailed steps below).
5. Install the Honeywell APC web server.
6. Install Honeywell APC R511.1, PSR512.1 and PSR513.1 patches in series.
7. Manual web config changes (which are described in the detailed steps below).

Step 1: Install the Honeywell APC server

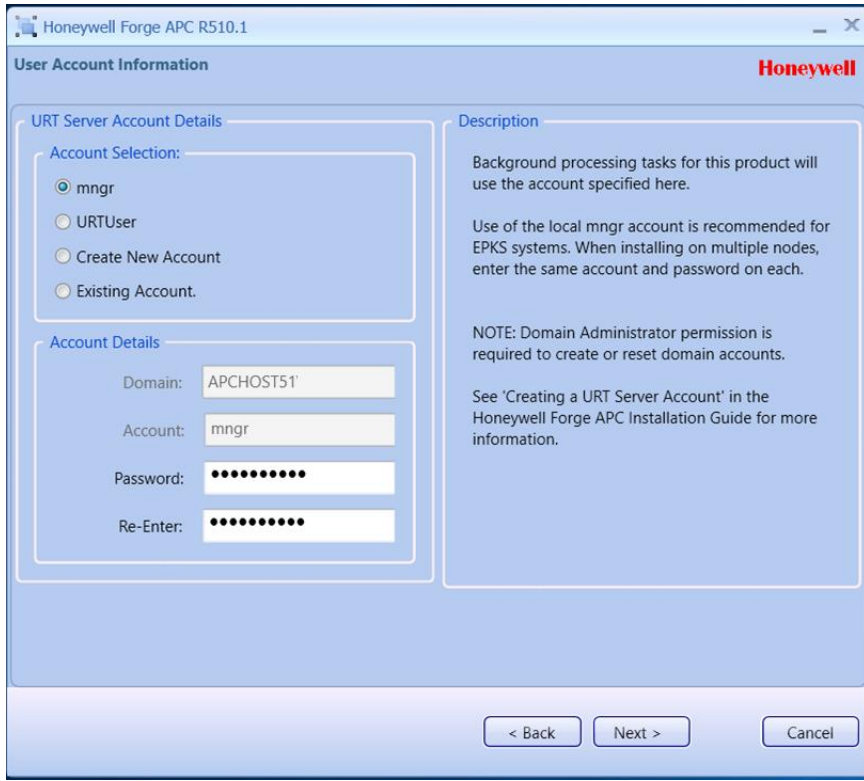
1. Install the Honeywell APC server using R510 media as administrator. Please refer to the APC R510 install guide for detailed steps.



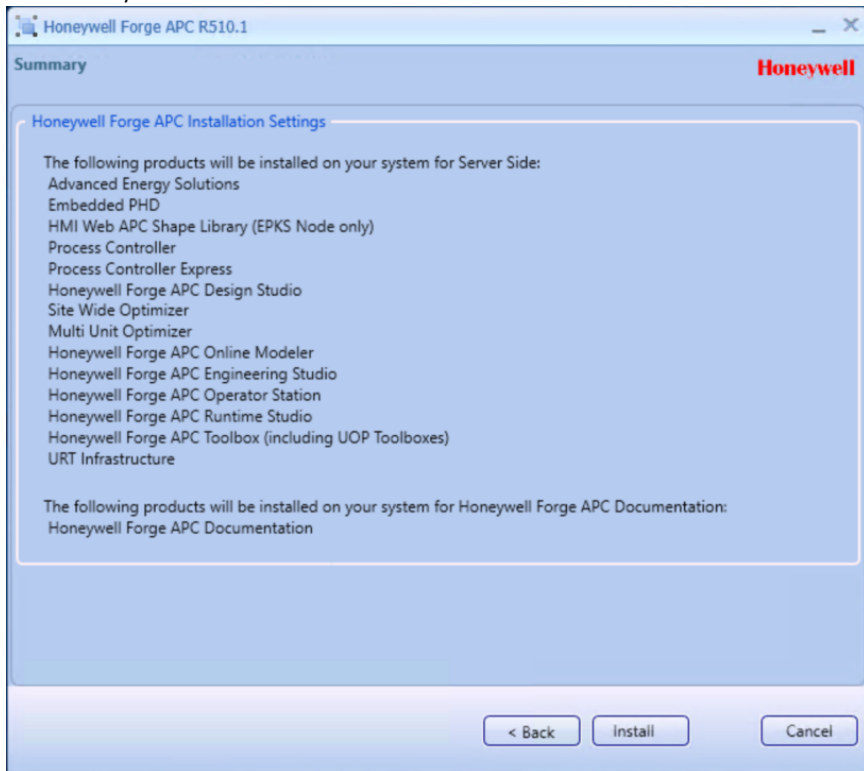
2. Select "Honeywell Forge APC server."



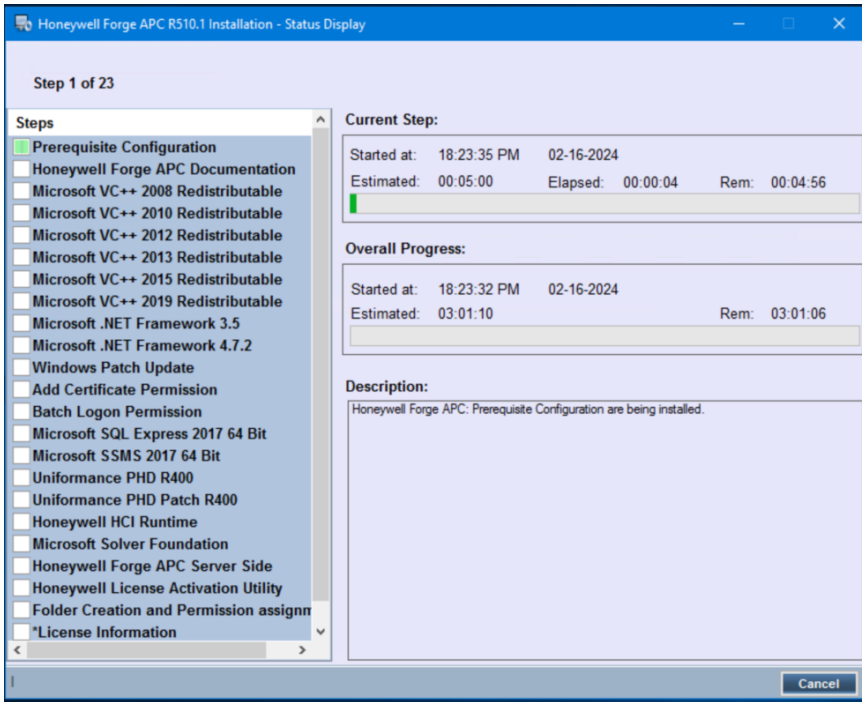
3. Select the URT server account and enter the desired password.



4. Functionality will be installed in the Windows server.

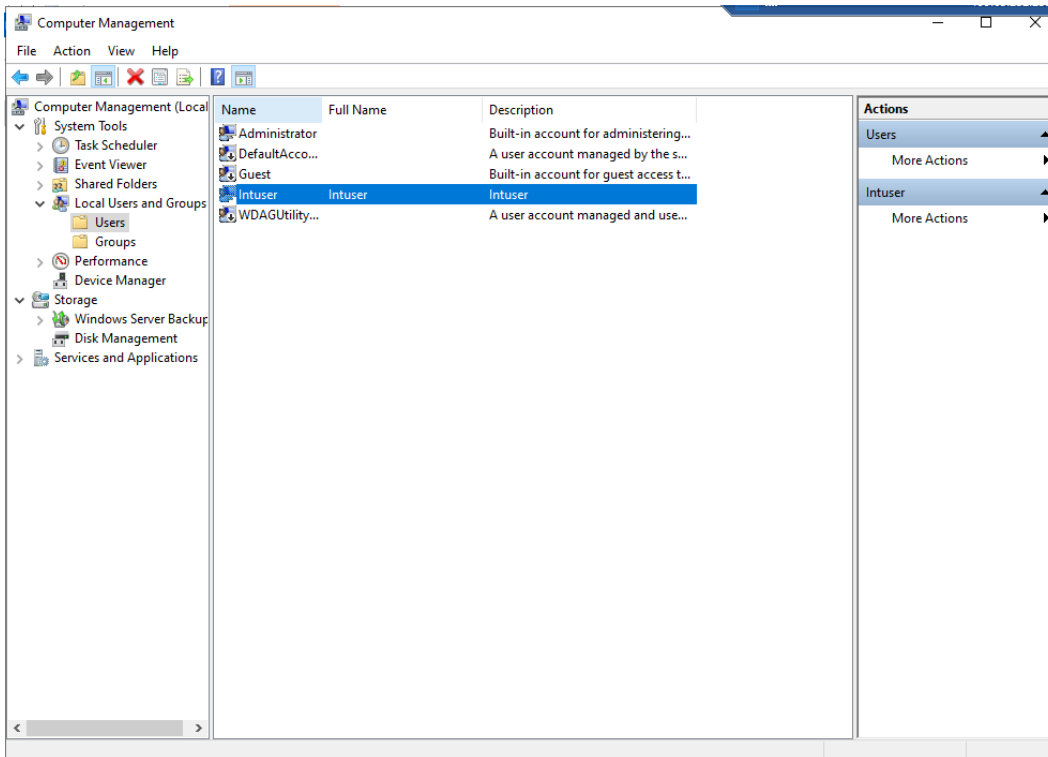


5. After clicking on the install button, installation will begin.

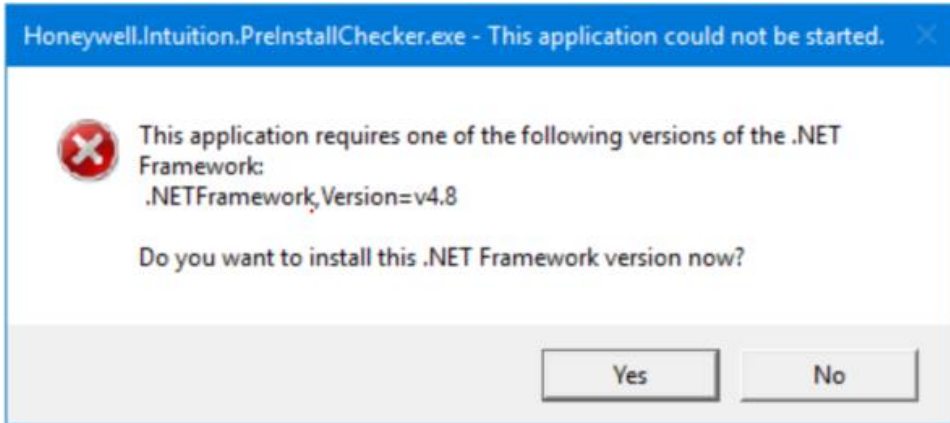


Step 2: Install the Intuition Core System

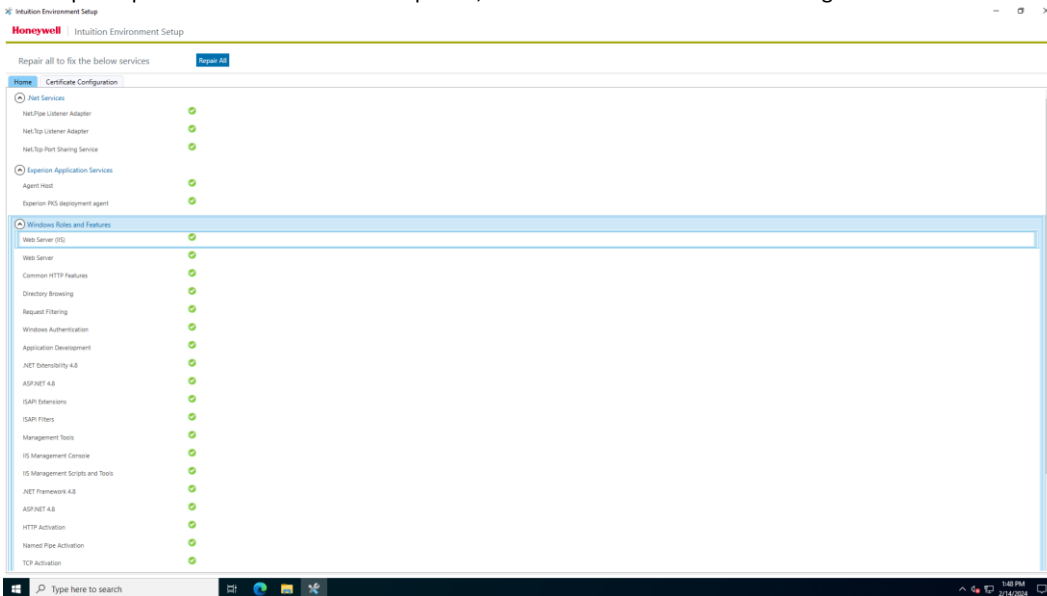
1. After successful installation of Honeywell APC server, Honeywell Intuition Core System R302.1 needs to be installed.
Note: please connect with the Honeywell APC technical support team (apc.apptech@honeywell.com or apc.support.emea@honeywell.com) for the installable core system files.
2. Create a user account for Intuition application services.

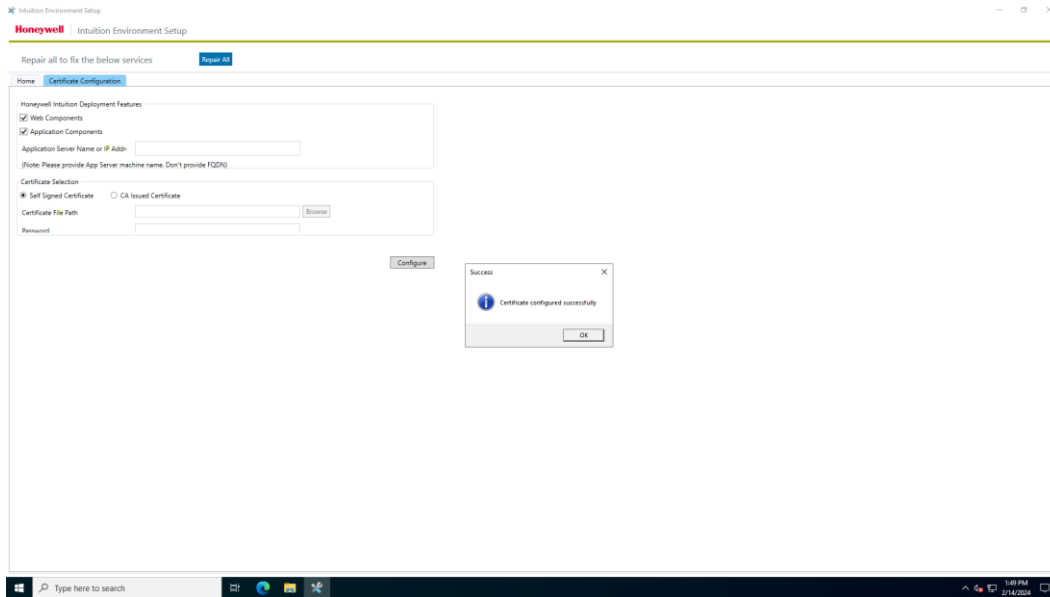


3. Before proceeding to setup.exe of Honeywell Intuition core system, a **prerequisite** check needs to be performed.
4. Go to CoreSystem\CoreEnv\MES Utilities\PreInstallChecker of Intuition media file and execute **Honeywell.Intuition.PreInstallChecker.exe** as administrator.
5. While executing Honeywell.Intuition.PreInstallChecker.exe, the user may get the following error. In that case, the user has to install “.Net framework 4.8” separately.

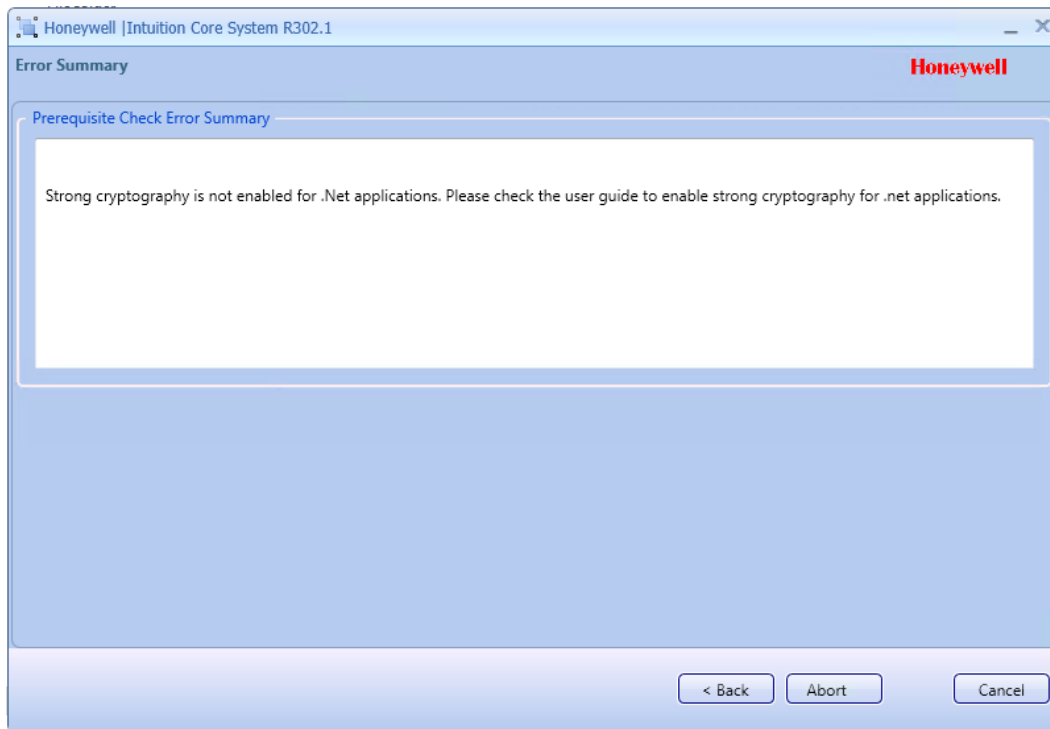


6. After resolving this issue, execute the **Honeywell.Intuition.PreInstallChecker.exe**.
7. All the prerequisites' services should be repaired, and the certificate should be configured.

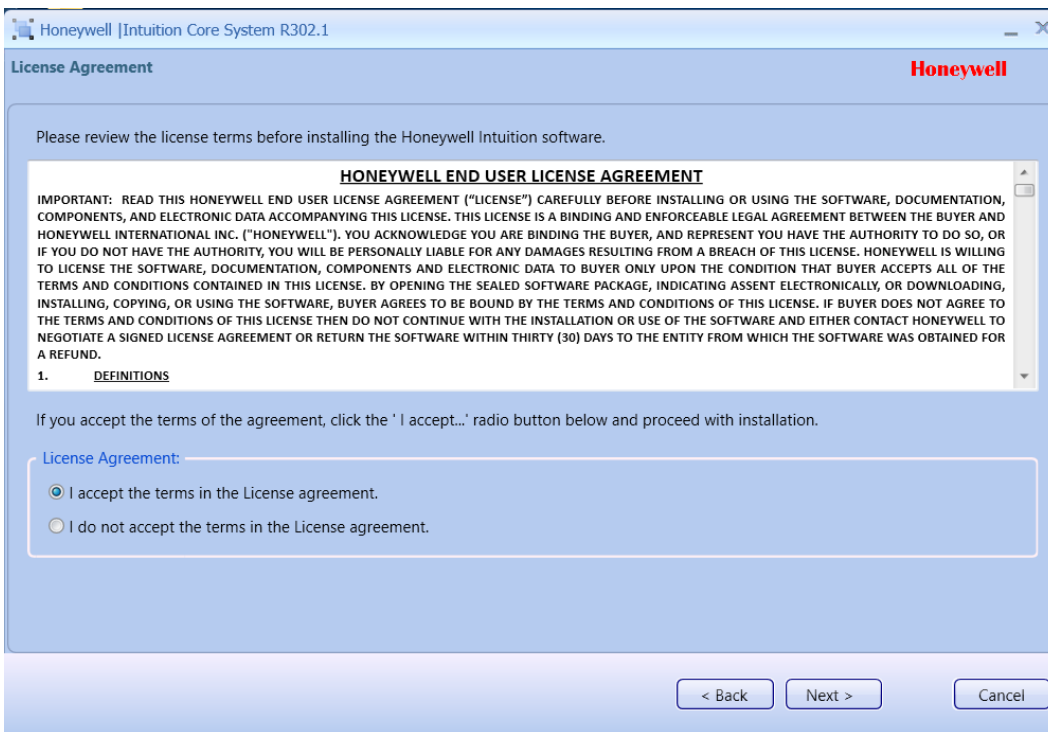


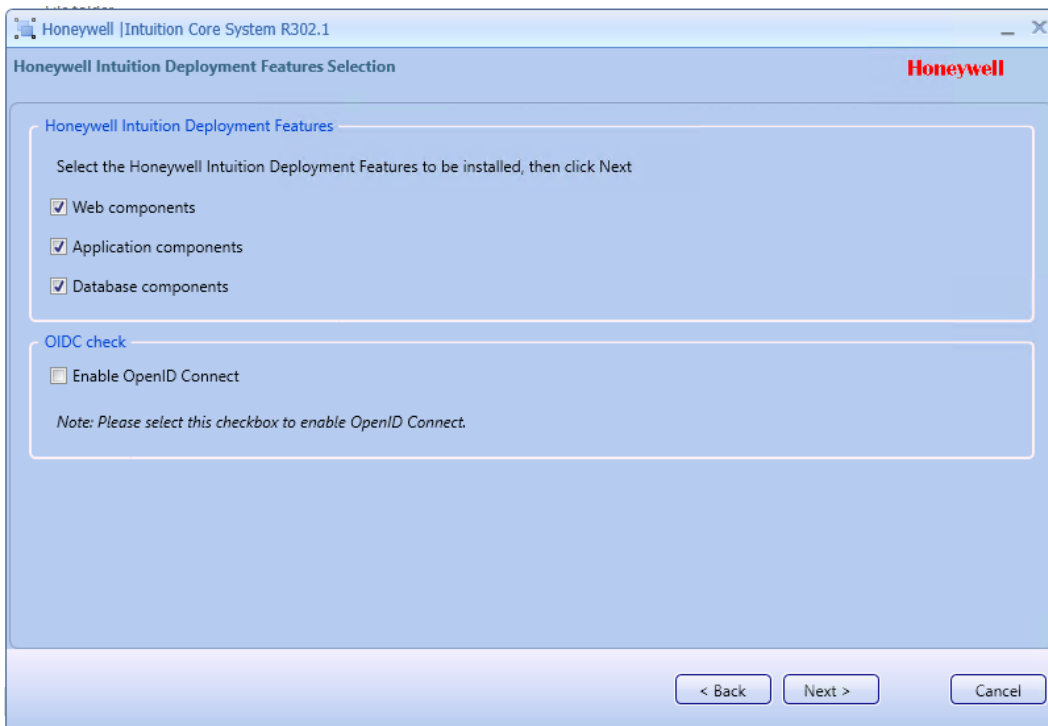
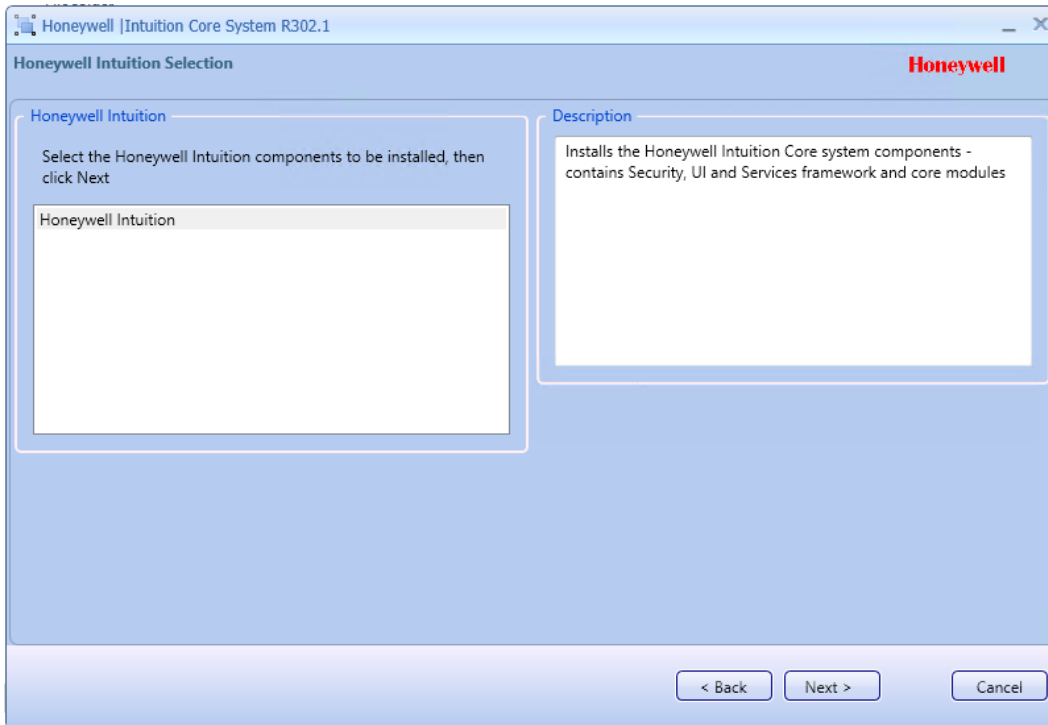


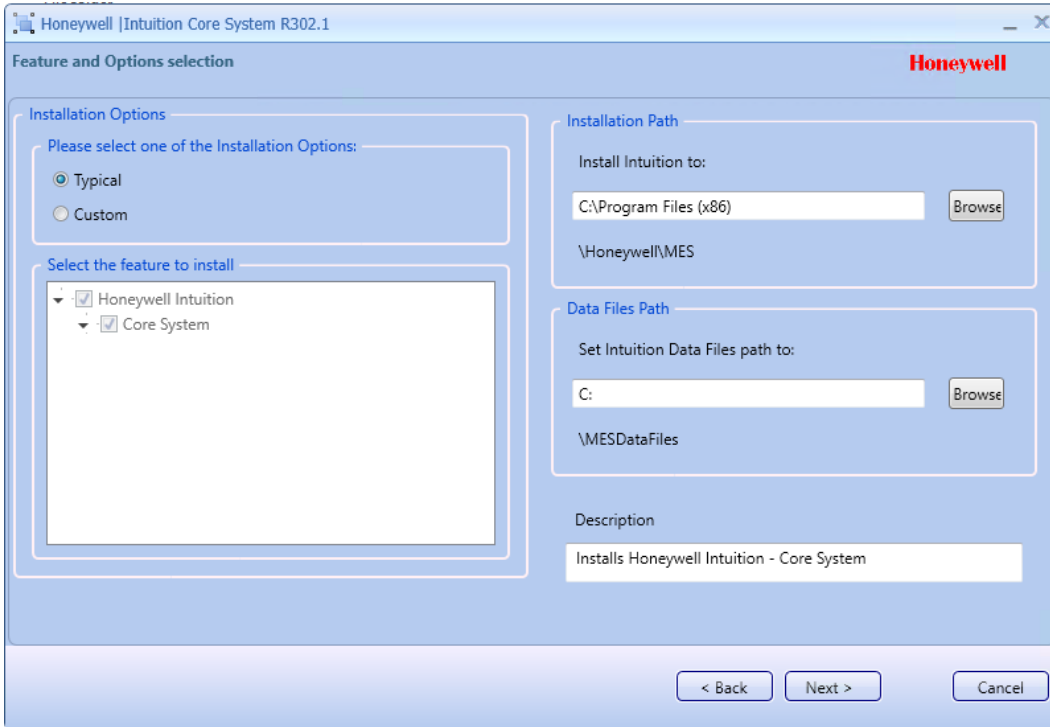
- It is required to run the batch file “**EnableStrongCrypto.bat**” as administrator located at CoreSystem\BatchFiles in Intuition media file. If the batch file is not executed, the user may get the following error message during installation.



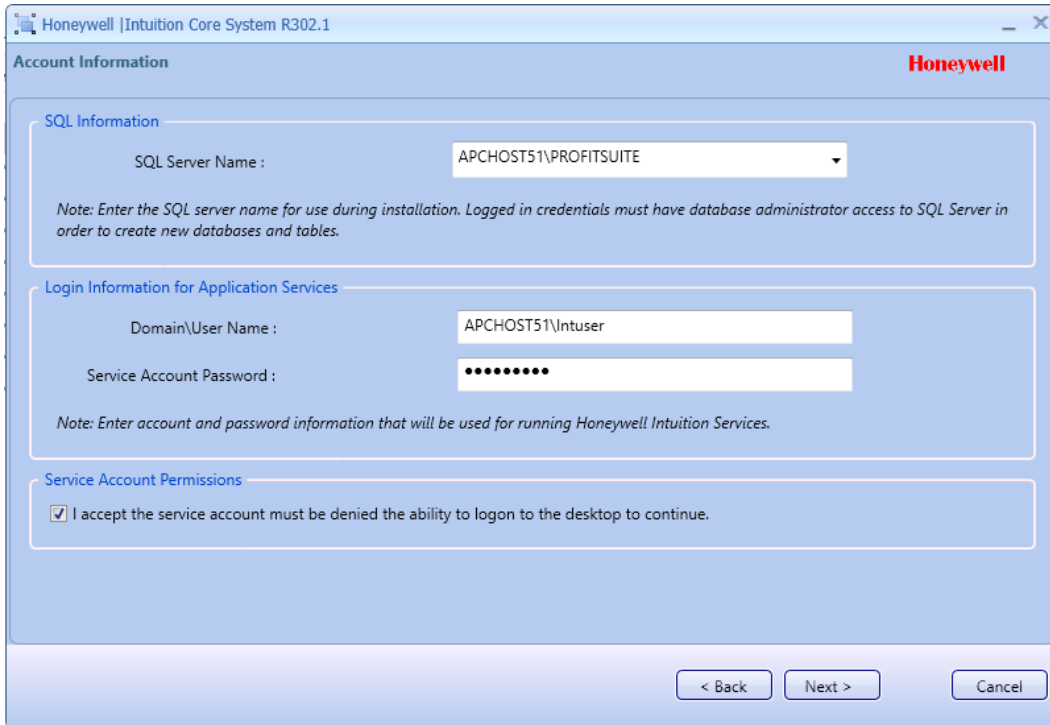
- After running the batch file, execute Honeywell Intuition Core System **setup.exe**.



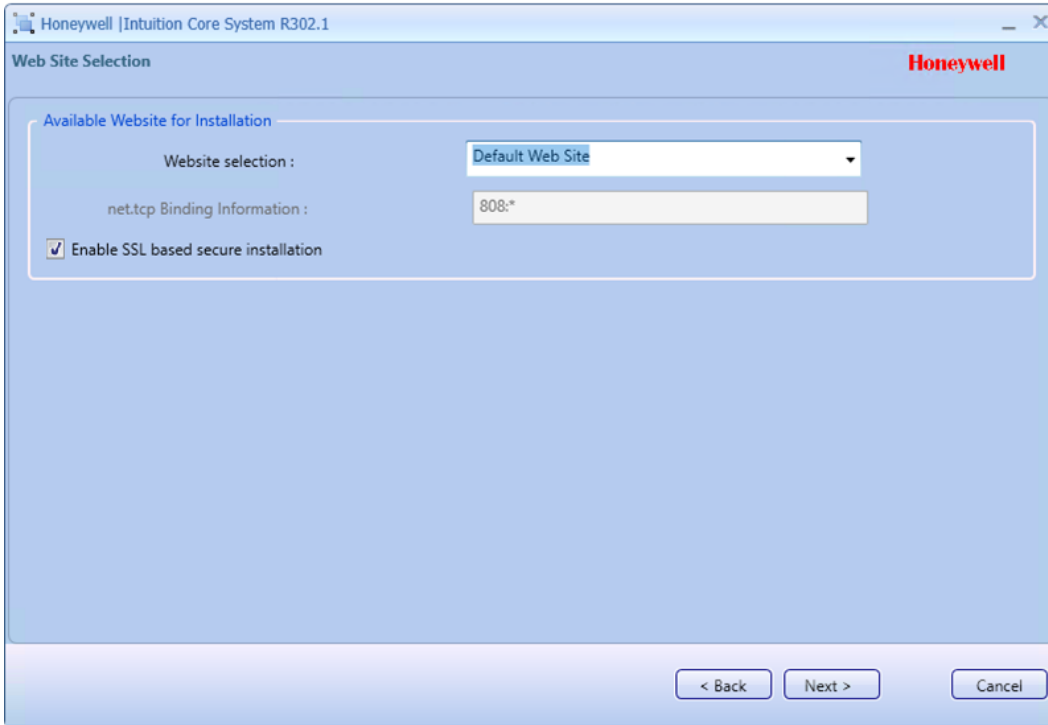




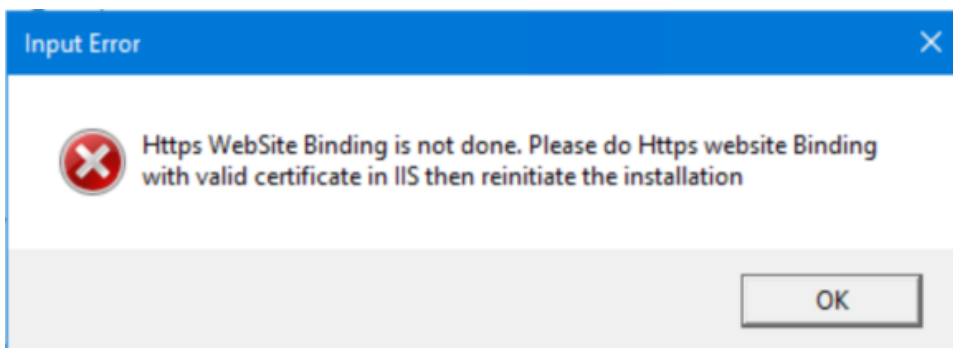
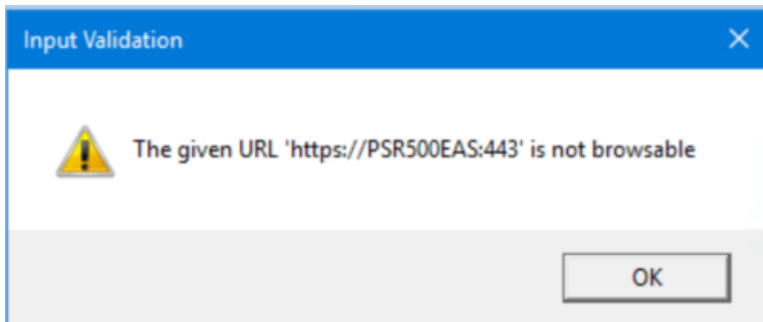
10. Enter the SQL server name (The user must select the SQL instance, which is available in the Windows server. Honeywell APC server will create the SQL instance name as PROFITSUITE) and provide the username and password for Intuition application service.



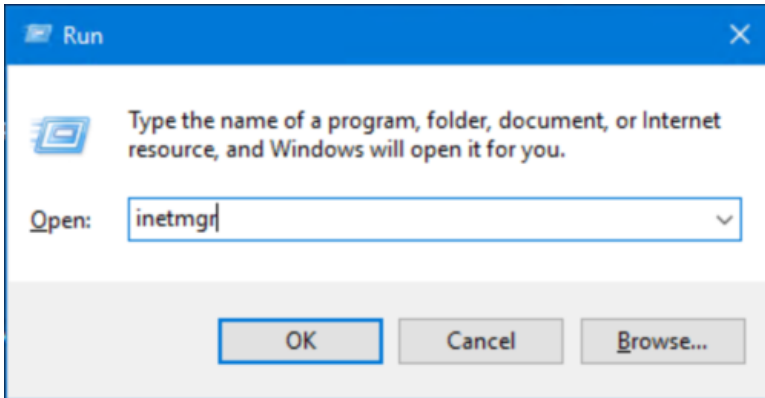
11. Select website as "Default Web Site" and check the "Enable SSL-based secure installation" option.



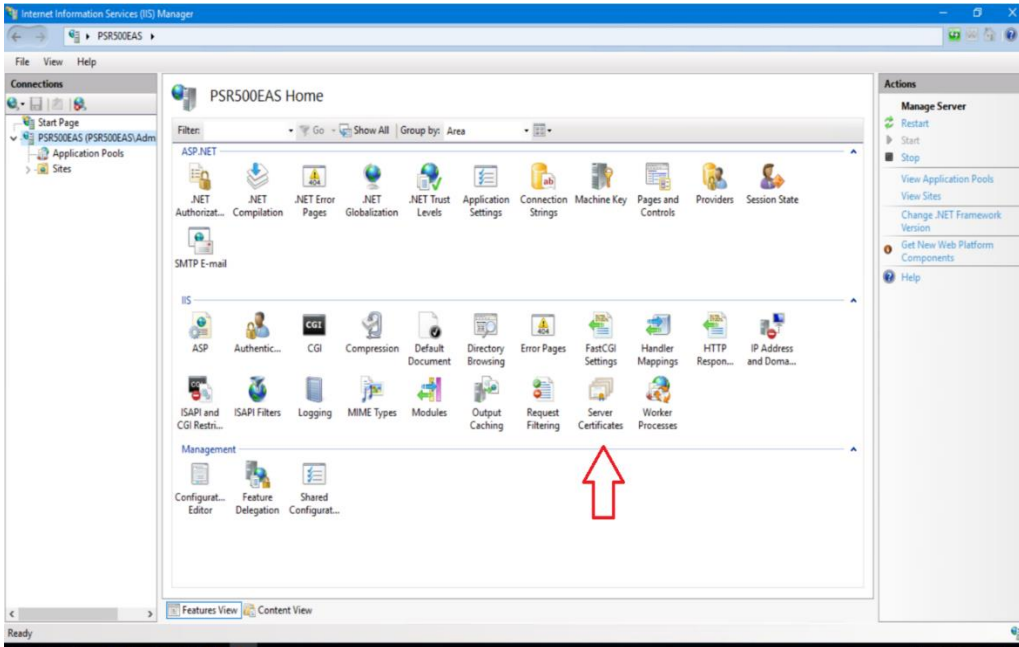
12. The user may get the following error after proceeding to the next step and the installation gets aborted. In that case, the user has to configure the self-sign certificate and site binding needs to be added.

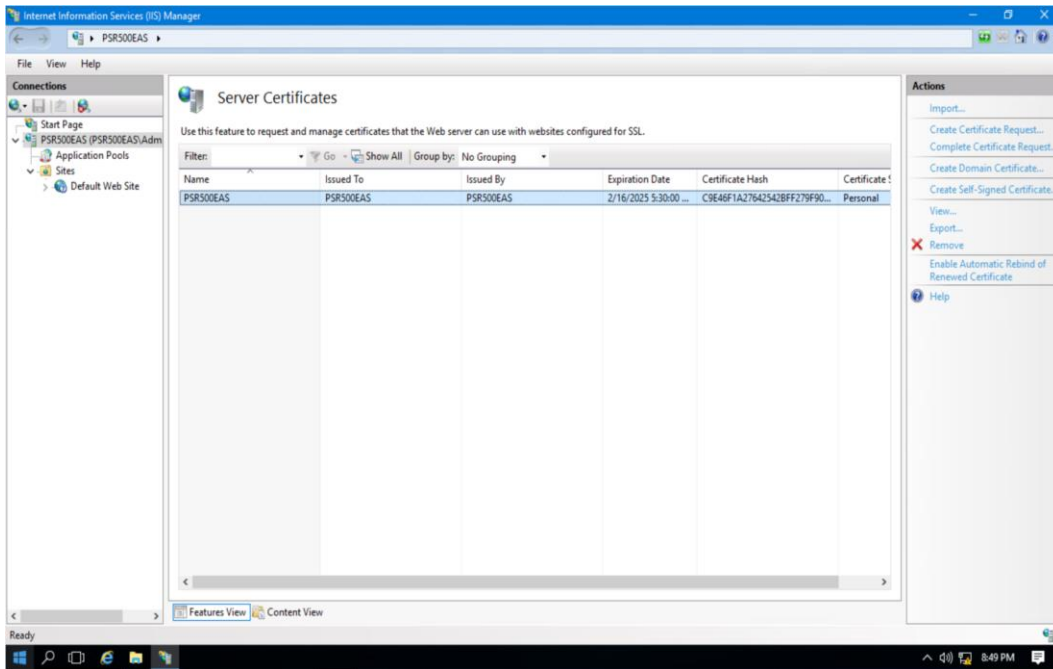
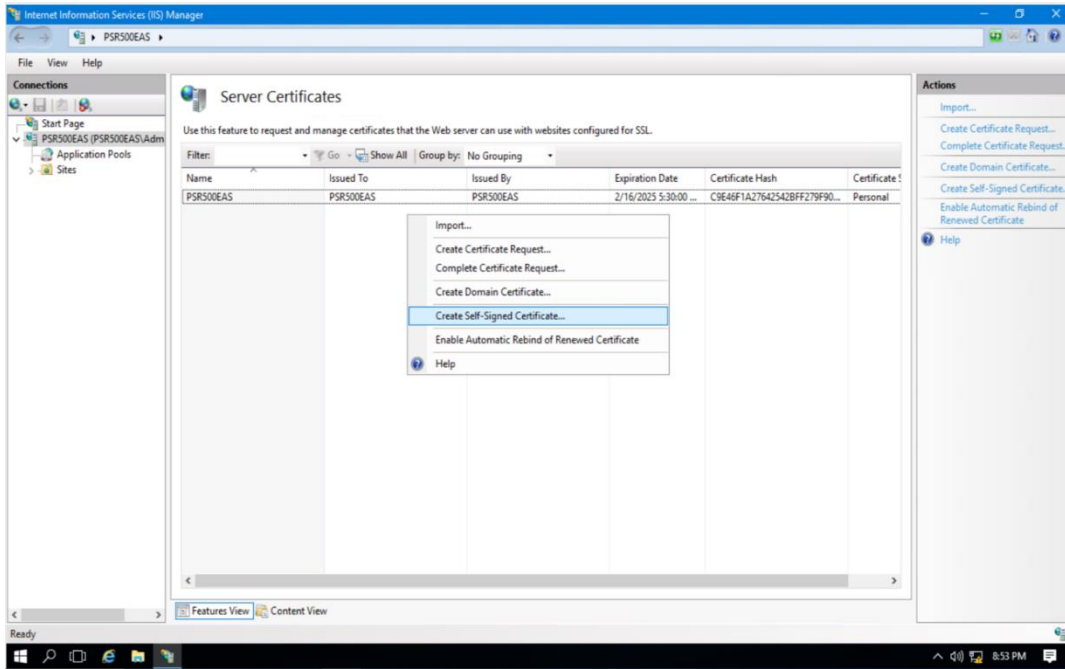


13. To resolve this error, go to IIS manager using the "run" command.

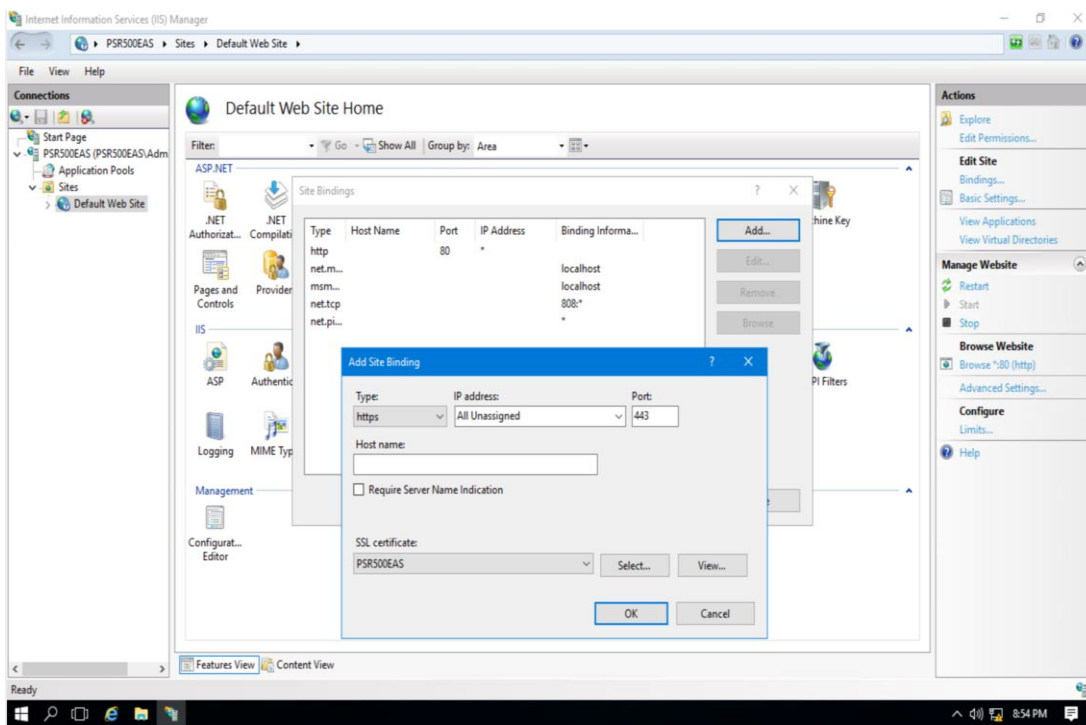
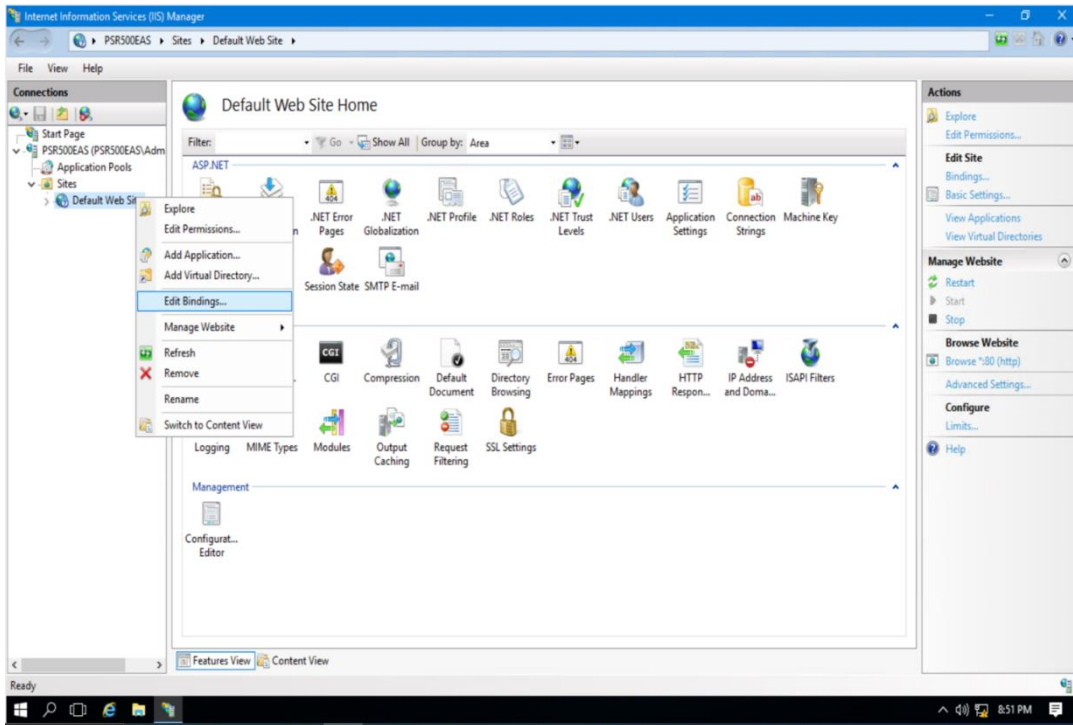


14. Create self-signed certificate from the server certificate.



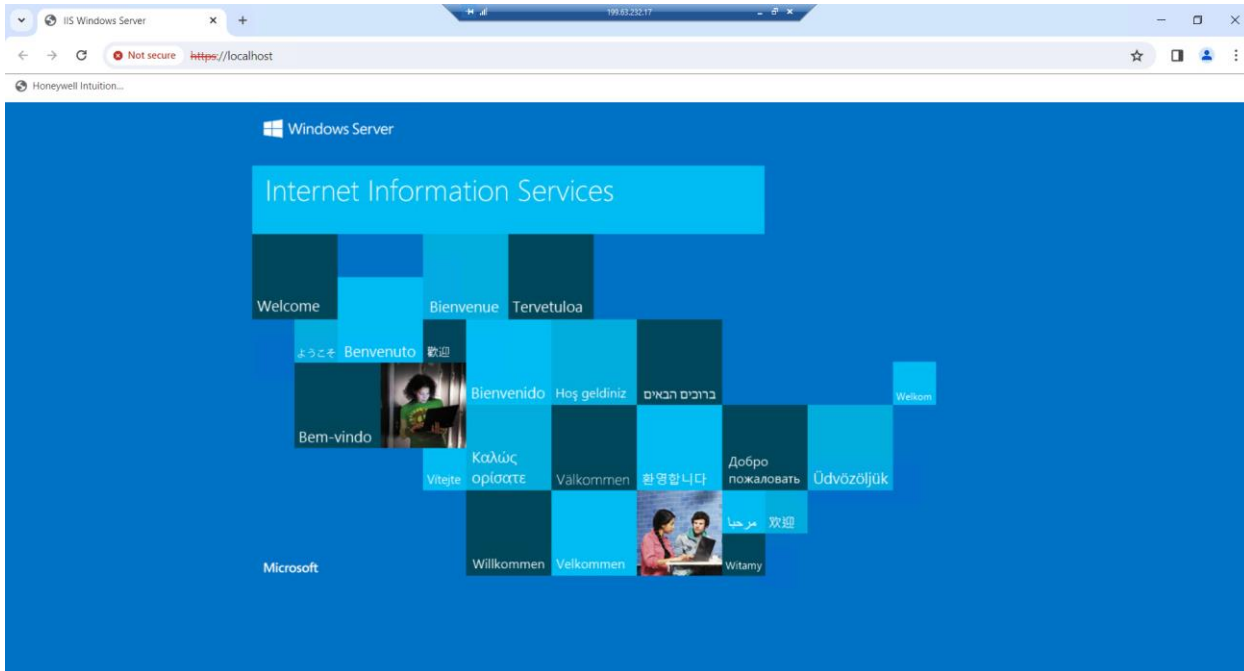


15. Go to "edit binding" option for Default web server and add https binding.

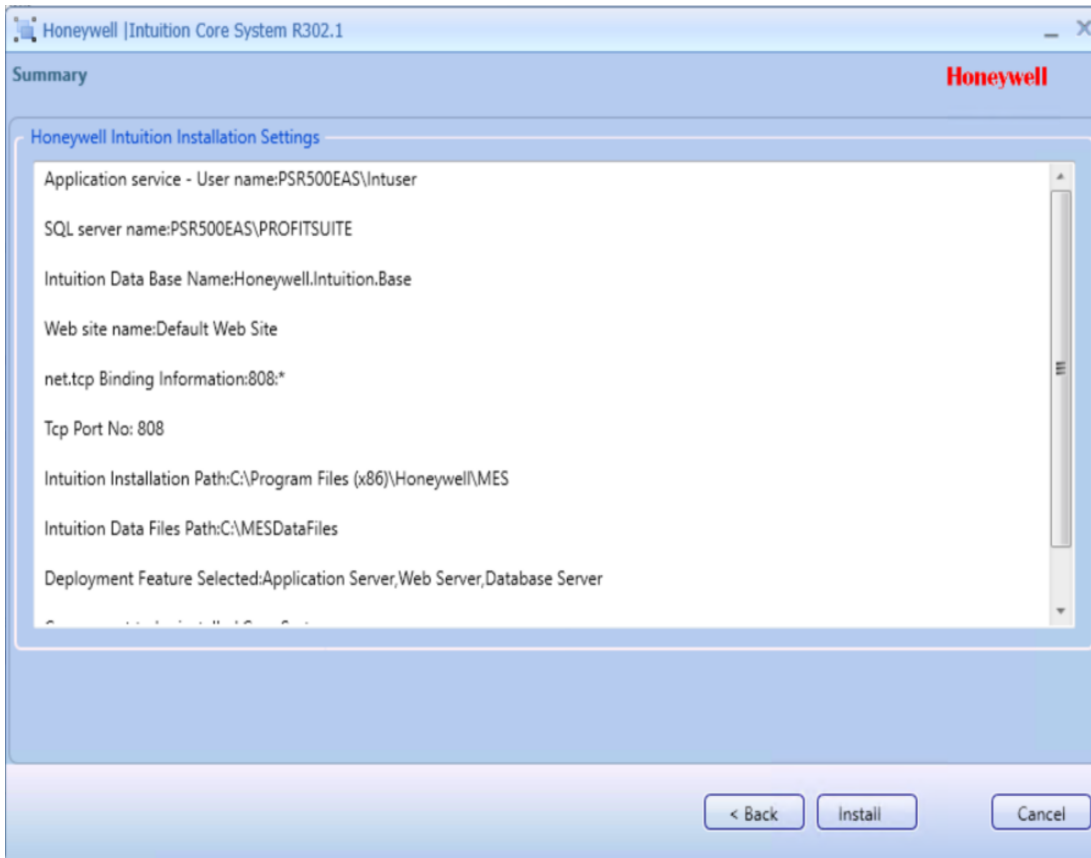


16. After site binding, browse the https website; local host should be connected.

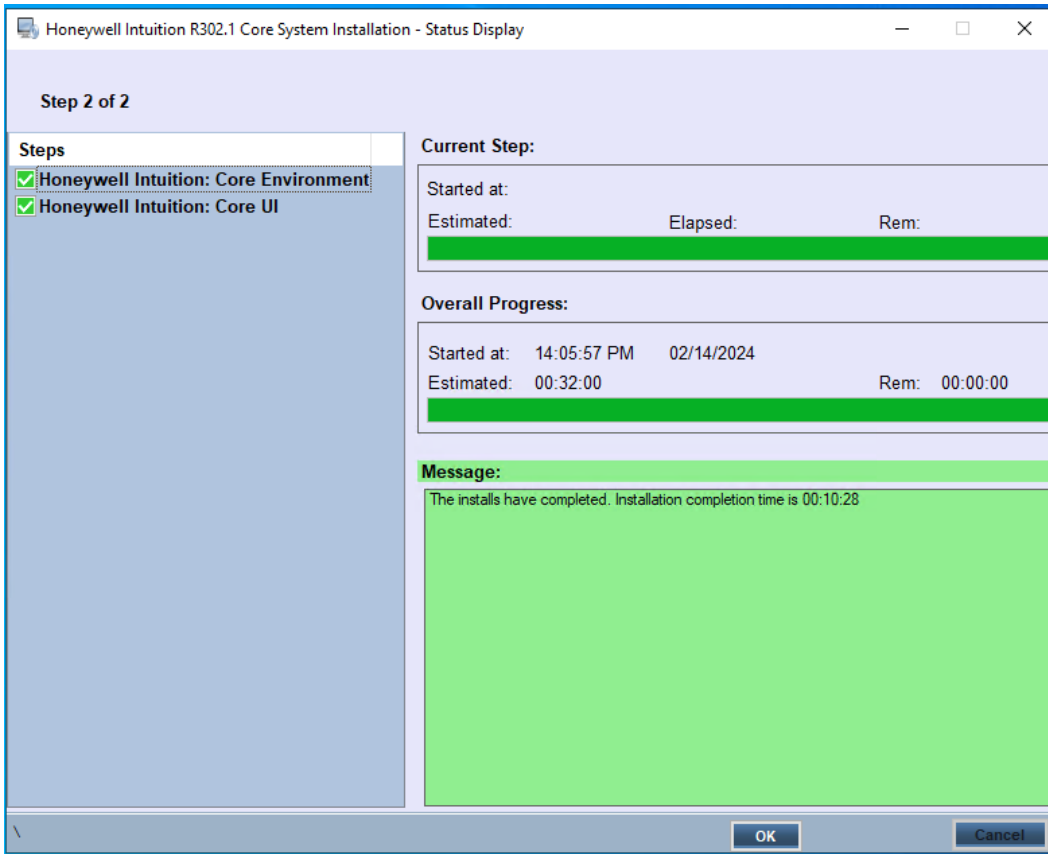
 [Browse *:443 \(https\)](https://localhost:443)



17. After performing the previous steps, reinitiate the Honeywell Intuition Core system setup. The user should not get any error and the following message will appear.



18. After clicking “Install,” Honeywell Intuition Core system installation should start, and installation should be successful.



Step 3: Install the Common Asset Model

1. After successful installation of Honeywell Intuition Core System, the user needs to install Common Asset Model.
Note: please connect with Honeywell APC technical support team (apc.apptech@honeywell.com or apc.support.emea@honeywell.com) for the installable Common Asset Model files.
2. For installation, open "Command Prompt" as administrator.
3. Run the following command to install Common Asset Model (modify the path detail, WEBSERVERFQDNINAPP = "Server Name" in command, based on the **Intuition Common Asset Model.msi** location.):

```
msiexec /i "C:\Users\Administrator\Documents\CAM R140.2\CAM\Honeywell Intuition Common Asset Model.msi"
CAMDBNAME="Honeywell.MES.AssetTask.DataModel.AssetTaskDataModel" ADDLOCAL="APPSERVER,WEBSERVER, DBSERVER"
WEBSEVERFQDNINAPP="APCHOST51" WEBSEVERPORTINAPP="443" /L*V "C:\Program Files (x86)\Honeywell\MES
Foundation\Install\CAM_Installation.log" /qb
```

```


Administrator: Command Prompt
Microsoft Windows [Version 10.0.20348.1547]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>msiexec /i "C:\Users\Administrator\Documents\CPA\CAM R140.2\CAM\Honeywell Intuition Common Asset
Model.msi" CAMDBNAME="Honeywell.MES.AssetTask.DataModel.AssetTaskDataModel" ADDLOCAL="APPSERVER,WEBSERVER" WEBSERVERFQDN
INAPP="CPMHOST98" WEBSERVERPORTINAPP="443" /L*V "C:\Program Files (x86)\Honeywell\MES Foundation\Install\CAM_Installatio
n.log" /qb

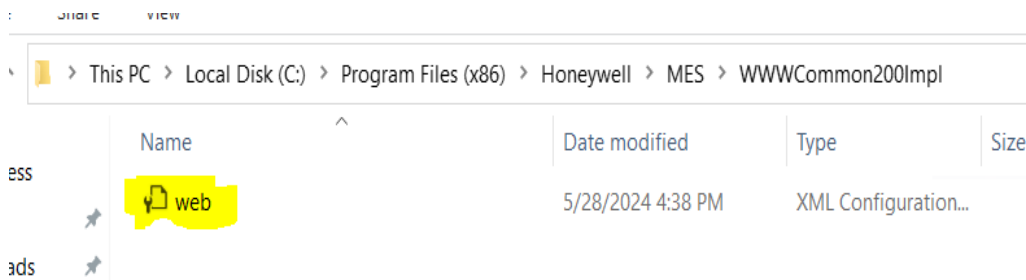
C:\Users\Administrator>_

```

4. CAM should be installed successfully.
5. The user can check the installed CAM in the program and features.

 Honeywell Intuition Common Asset Model	Honeywell	2/14/2024	77.8 MB	1.40.2000
--------------------------------------------------------------------------------------------------------------------------	-----------	-----------	---------	-----------

6. Go to "C:\program files (x86)\Honeywell\MES\WWWCommon200Impl" and open the web.config in Notepad++.



The following line needs to be added as shown in the figure:

```
<trust level="Full" originUrl="" />
```

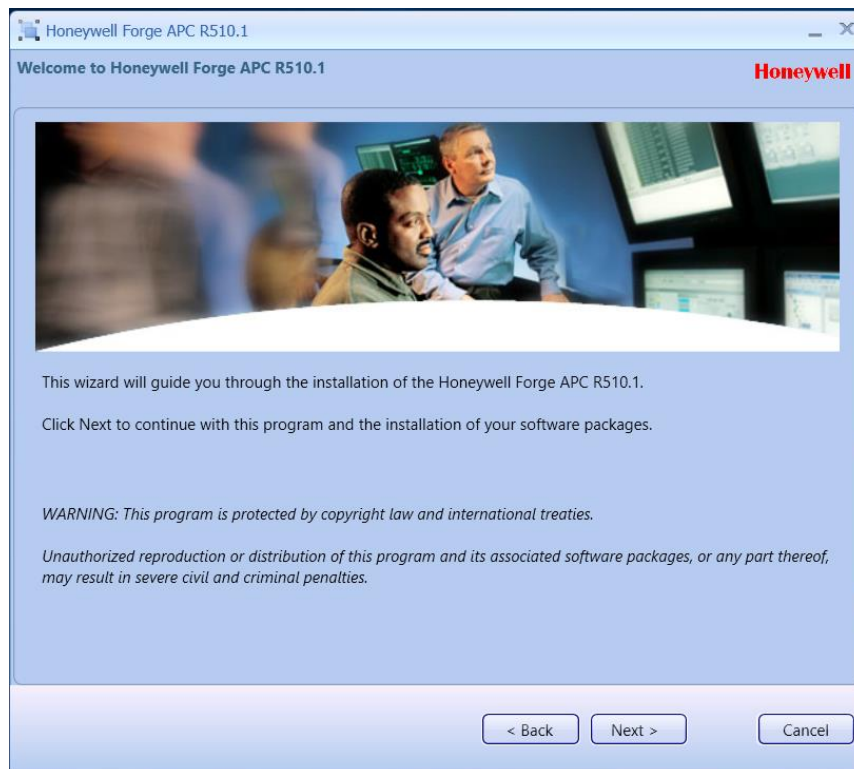
```
<readerQuotas maxStringLength="2147483647" />
  <security mode="None" />
</binding>
</netTcpBinding>
</bindings>
</system.serviceModel>
<system.web>
<trust level="Full" originUrl="" />
  <compilation debug="false" targetFramework="4.8" />
  <httpRuntime targetFramework="4.8" />
  <httpCookies httpOnlyCookies="true" requireSSL="true" />
</system.web>
</configuration>
```

Save and perform IISRESET.

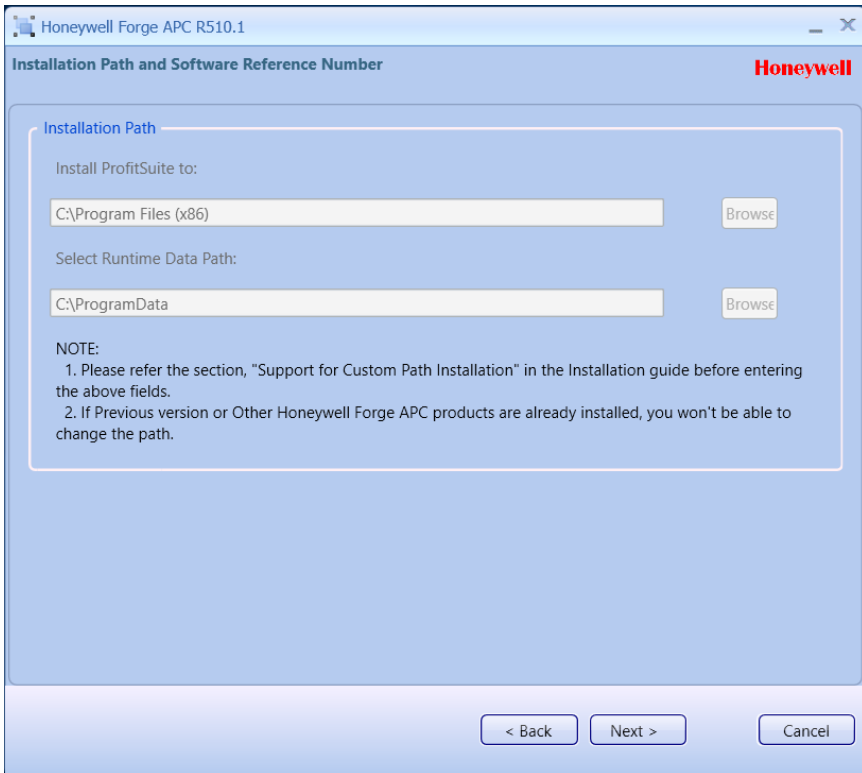
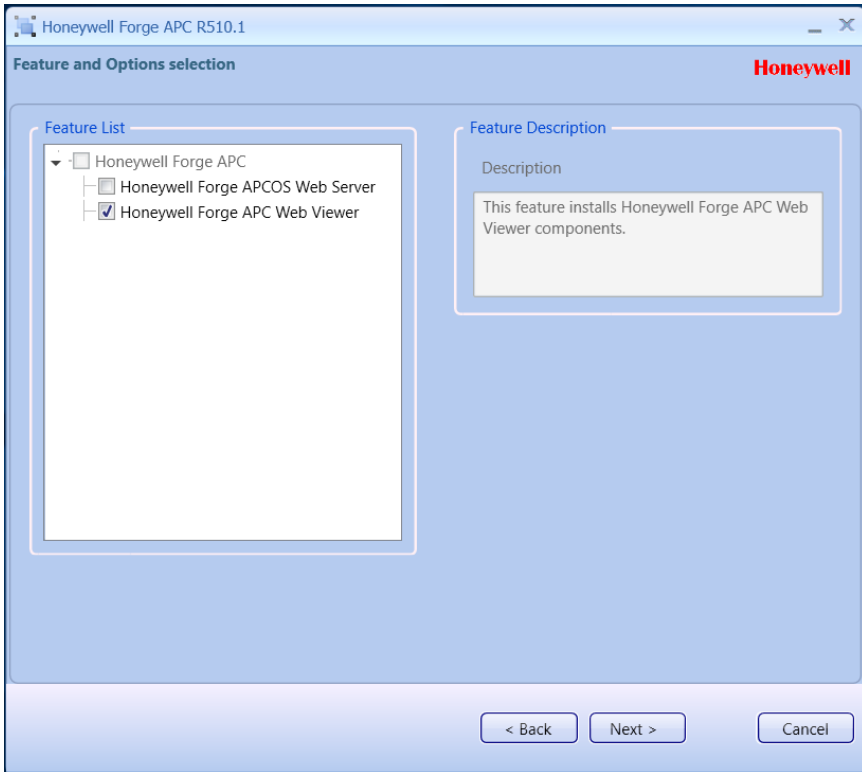
After this step, ensure Intuition home page is launching without any issues.

Step 4: Install the Honeywell APC web server

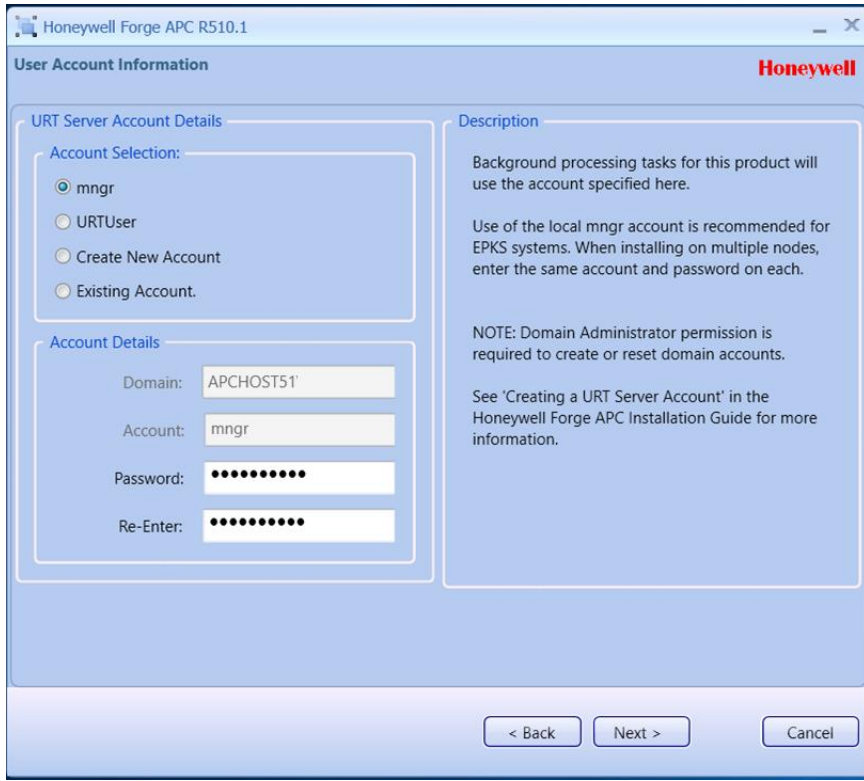
1. Install the Honeywell APC web viewer as administrator.



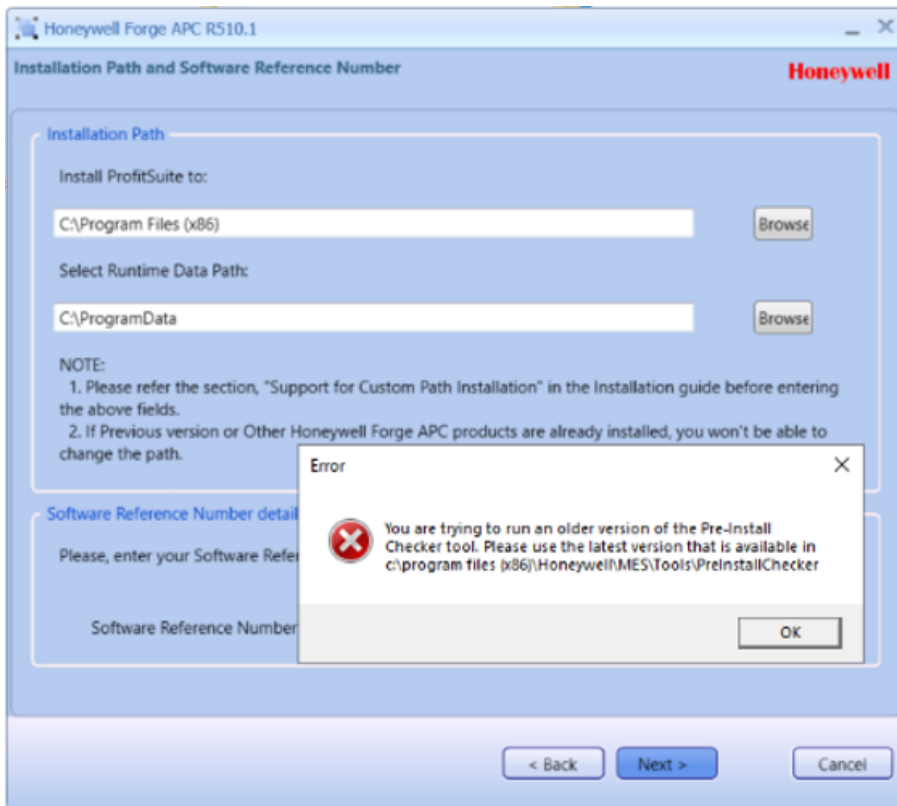
2. Select **Honeywell APC Web Viewer**.



3. Select the same URT server account selected during Honeywell server installation and enter the password.



4. The user may get the following error at this step. The user should click “OK” and proceed to the next step.



5. SQL Server Name will be selected as default. Enter the Intuition username and password.

Honeywell Forge APC R510.1

Account Information **Honeywell**

SQL Information

SQL Server Name : APCHOST51\PROFITSUITE

Note: Enter the SQL server name for use during installation. Logged in credentials must have database administrator access to SQL Server in order to create new databases and tables.

Login Information for Application Services

Domain\User Name : APCHOST51\Intuser

Account Password : ●●●●●●●●

Note: Enter account and password information that will be used for running Honeywell Intuition Services.

< Back Next > Cancel

6. Select the default website and provide the https port number.

Honeywell Forge APC R510.1

Web Site Selection **Honeywell**

Available Website for Installation

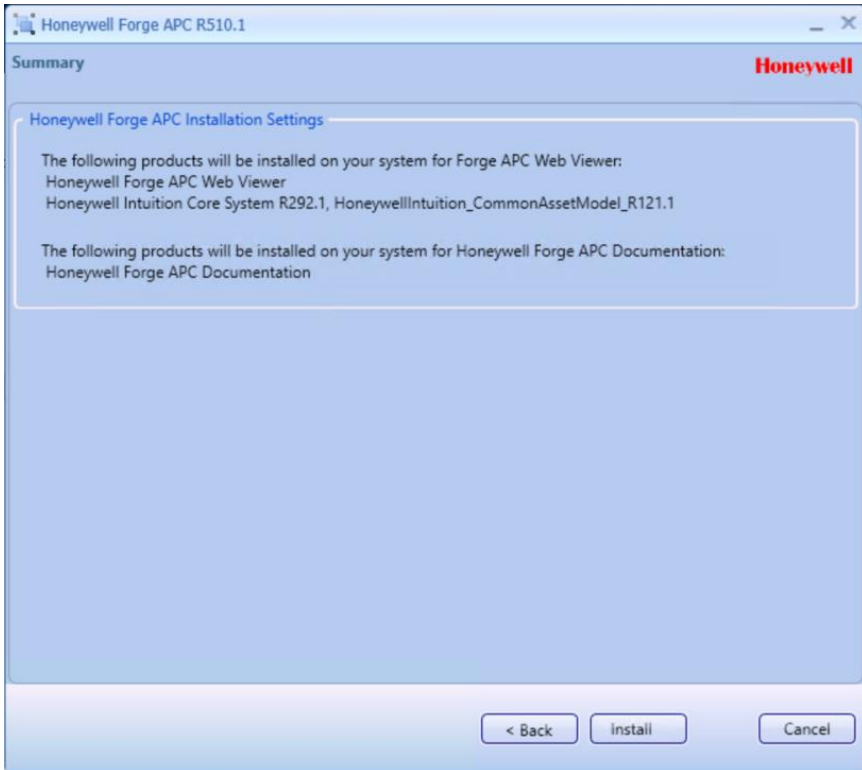
Website selection : Default Web Site

net.tcp Binding Information : 808:*

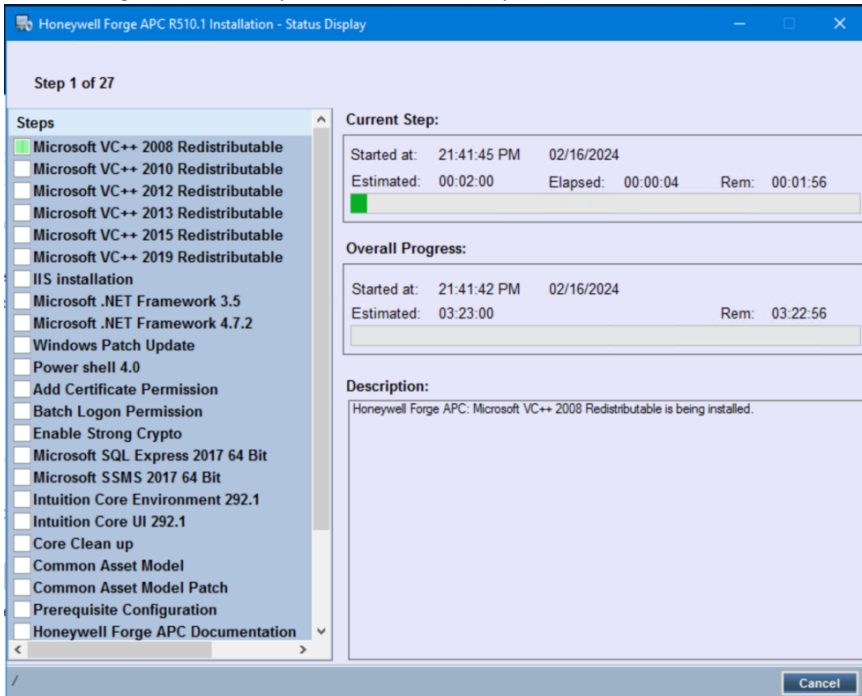
Https Port No : 443

Note: Application will be installed only on HTTPS node. HTTP installation not supported.

< Back Next > Cancel



7. After clicking “Install,” Honeywell Web Viewer component should be installed.



Step 5: Install PSR511.1, PSR512.1 and PSR513.1 patches in series

Note: Please refer to the SCNs of respective APC patches for detailed steps on installation.

Step 6: Change a few lines in the web.config as described here.

- 1) Go to "C:\Program Files (x86)\Honeywell\MES\WWWMECommon\PSWeb\Web.config."
- 2) Open web.config in Notepad++.
- 3) Insert "remove name" twice and comment on a line as shown in <httpsProtocol>.

```
<httpProtocol>
  <customHeaders>
    <remove name="Strict-Transport-Security" />
    <remove name="X-XSS-Protection" />
    <add name="Strict-Transport-Security" value="max-age=31536000"/>
    <add name="X-XSS-Protection" value="1; mode=block"/>
    <!--
    <add name="Content-Security-Policy" value="script-src `self`"/>
    -->
    <remove name="X-AspNet-Version" />
    <remove name="X-AspNetMvc-Version" />
    <remove name="X-Powered-By" />
  </customHeaders>
</httpProtocol>
```

- 4) Save and perform IISRESET.

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)

Control Performance Analytics – Unified (CPA-U) R611.1 Is Now Available

CPA-Unified (CPA-U) R611.1 is the upgrade path for CPA R610.2. The following is a summary of the new features in R611.1. In addition, R611.1 also includes around 40 new and all software fixes from previous R60x.x and R61x.x releases.

Summary of the New Features in R611.1

- **Monitoring PWO** – The Plantwide Optimizer (PWO) monitoring had been added as part of CPA-Unified in R611.1. As part of this solution, the system provides details on how much benefit PWO generates for the user. It also gives metrics on lost opportunity because of various constraints, either in PWO or secondary APC controllers, which are part of PWO. Along with these economic metrics, other metrics like uptime, wound-up status, model quality/inferential quality and other metrics are provided to the user.
- **MPC Scheduled Reporting** – Using the CPA-Unified Web Report application, you can schedule and receive MPC reports in PDF format on a daily, weekly and monthly basis. This option allows you to configure different types of reports.
- **Web-Based MPC and PID Configurator** – We have enhanced the thin client configurator. With the new update, you can import PID, MPC and PWO assets and perform daily maintenance activities such as bulk updates of configuration parameters and asset deletion. Furthermore, the configurator allows you to import new assets. Additionally, you can use the thin client configurator to perform the analysis scheduling and backdated analysis for PWO.
- **Support for Dark Theme** – Now, you can change the CPA-Unified Web Report theme. The default theme is dark, but you can change it to a light theme if necessary.
- **Enhancing the MPC Functionality:**
 - **Specifying the Required Expression** – You can define the required expression in the thin client configurator that helps you calculate the MPC KPIs using the condition specified. If the required expression meets the specified condition, only that data is used to calculate the KPIs. You can also define the required expression for individual CV, MV and DV
 - **Data Preprocessing – NaN Data Handling** - If the NaN is present anywhere in the input process data file, it will be replaced with a good value using the linear interpolation method.
 - **Updating Weight for CV and MV Tag** – You can define the weights for CV/MV in the thin client configurator, which will be used to calculate the CV/MV roll-up. The default weight is 1.
 - **Updating Default Settling Time** – You can define the settling time for each CV, which helps you calculate the KPIs.
 - **Showing CV, MV Tag Number in Summary Report and Detailed Report** – A tag number reads from the urt file and is updated in the configurator. The updated tag numbers appear in the summary and detailed report, along with the tag name.
 - **Handling MPC Active/Inactive State** – The MPC KPI performance metrics are calculated when the controller is in an active state, and remaining inactive instances are not used to calculate the KPI value.
 - **Attainment Index Enhancement** – You can assign the weightage of the subcategories like “Usefulness,” “Criticality Value,” “Acceptance” and “Reliability” for each controller’s attainment calculation. Additionally, you can exclude CV/MV from the attainment subcategories calculation.

CPA-U 611.1 is available for download on the Honeywell Process solutions support website (<https://process.honeywell.com/>) – see search results in the following image – or if you have a BGP customer email, your order to GlobalBGPDeliveryCentre@Honeywell.com or email GTAC on **HPS Technical Support Contact Info** at cpm.support.emea@honeywell.com for all global queries.

Technical Publications

https://process.honeywell.com/us/en/support/technical-publication?search=CONTROL+...

Honeywell INDUSTRIAL AUTOMATION

INDUSTRIES PRODUCTS SERVICES SOLUTIONS SUPPORT NEWS & EVENTS

Technical Publications

Technical Publications

Search Favorites Saved Searches

CONTROL PERFORMANCE ANALYTICS-UNIFIED

178 ITEMS START OVER

Showing search results for 'CONTROL PERFORMANCE ANALYTICS-UNIFIED'

Sort by Relevance

Filter By

PRODUCT FAMILY Clear

- APC - Advanced Process Control (6)
- Blending & Movement Automation (1)
- Cyber Security (6)
- Experion PKS (13)
- Experion TPS (1)
- Forge Blending and Movement (4)
- Honeywell Forge Cybersecurity+ (3)

CONTROL PERFORMANCE ANALYTICS UNIFIED R611.1

Summary: Control Performance Analytics Unified R611.1 Software download datasheet.

Product: Control Performance Monitor (CPM) CX

Product Family: Process Optimization

Release Date: May 29, 2024

Release Version: R611

Publication Type: Software Download

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Honeywell Forge Alarm Management

Alarm Management | Documentation Module End-of-Sale Announcement

At Honeywell, our goal is to provide our customers with the highest quality products and services. Our Honeywell Documentation Module, also known as the Alarm Configuration Manager (ACM), has been a successful part of the Honeywell Alarm Management suite for many years, and we have worked to ensure it meets our customers' needs.

After careful consideration and in alignment with our strategy for commitment to innovation and excellence, we have decided to **retire** our Honeywell Documentation Module and expand our **Honeywell Alarm Performance Optimizer** product offering with the capabilities of the Documentation Module and additional enhancements.

The following product model number and associated kits/licenses will be transitioned to end-of-sale:

Product Model Number	Production Description
AM-ACMMED-321	Alarm Configuration Manager 321 Media kit

Important dates:

- Alarm Configuration Manager will be **retired** effective **December 31, 2025**. Service support for ACM will continue for **12 months**, ending effective **December 31, 2026**.
- The new release of Honeywell Alarm Performance Optimizer will be available for new installations effective **July 31, 2024**.
- Existing Alarm Configuration Manager customers will have **migration** options available to the new release of Honeywell Alarm Performance Optimizer **beginning Q1, 2025**.
- The Alarm Configuration Manager **end-of-sale** for **new** licenses is effective **August 31, 2024**. Please speak with your Honeywell Account Manager for specific needs for existing facilities with ACM expansion projects.

For questions, please contact your Honeywell Aftermarket Services Manager or your Honeywell Account Manager.

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Honeywell Alarm Management Reporting R2.2.1 Hotfix 2 & 3

These hotfixes were released in May and June. The following issues are addressed:

1. RDYNAMO-9825: Space in tag description (before) causing Archiver interface to halt.
2. RDYNAMO-10491: German Characters are creating duplicate entries in database.
3. Stopping of interface service in between causes Event Queue processing to halt.
4. 'Slice By' dropdown is missing 'Day' and 'Hour' and '10 min' options for the month of February when '24 Hours before now' or less than a daytime range is selected.
5. RDYNAMO-10347: Average Alarm rate (hour) KPI not matching between APO and Custom Reports.
6. RDYNAMO-10359: Whenever the M&R TagListGenerator utility is updated to R221, and existing Control Systems were configured previously. After updating TagListGenerator to R221, the following error is displayed when attempting to run Honeywell.DynAMo.MnR.OpenAlarmSyncUI.exe: No elements with this name found: './SourceFile'
7. RDYNAMO-10998 -(DE-64021): Existing schedule report shows different user and publish reports in the 'Report' dropdown.
8. Average AES defeated overrides shows a predictive value for the current day. The total defeated AES overrides is divided by actual number of shifts only after end of the day.
9. APO DnE metrics without warning limits are highlighted in orange and some metrics are highlighted in black.
10. Rule File loading issue with "invalid regex" error.
11. RDYNAMO-11595: Alarm Activity report custom columns does not load any data.
12. RDYNAMO-11353: Active Sync channels configured at Collector fail randomly.
13. Saving Site not modifying settings in DDMS.
14. RDYNAMO-11787: Intuition Log flooded with EDPSService errors
15. RDYNAMO-10897: Email failure for scheduled reports after migration.
16. RDYNAMO-11879: Save button is not working for Metric Definition page.
17. RDYNAMO-11894: Liveviewer Hub getting disconnected after 2 mins of browser idle time
18. RDYNAMO-11594: Alarm Performance Indicators Report Incorrect Calculations of Performance level
19. DE-64420: Failed to allocate a managed memory buffer error in Interface log
20. DE-66212: Events having Null values for custom fields
21. RDYNAMO-10585: Events stuck in the EventQueue table (Process Comment Length)

Please raise a support request for HFAM Reporting R2.2.1, and the HCI GTAC team will help apply these hotfixes to your system.

How to Change an ACM Alarm Tag Name Using a CSV File?

(Extracted from Knowledge Article 000186549, first published 4-Jul-24)

1. Use the following SQL query to list all the tags per console with the alarm tag name from the ACM main server using SSMS:

-- List all tag and alarm names per console

USE ACM

```
SELECT DISTINCT V.NAME AS "TagName", V. ALARM_TAG AS "AlarmTagName", CS. CNTRL_SYS_NAME AS "ACM Control System",
C.CONSOLE_NAME AS "Console", RIGHT('00'+CONVERT(VARCHAR,C.CONSOLE_NO),2) AS "Console No.", 'ACM_' +
CONVERT(VARCHAR,V.CONSOLE_ID) AS "Task Sched ID"

FROM dbo. VT_CONSOLE C
JOIN dbo. VT_VARIABLE V ON C. CONSOLE_ID = V.CONSOLE_ID
JOIN dbo. VT_CNTRL_SYS CS ON C. CNTRL_SYS_ID = CS.CNTRL_SYS_ID
GROUP BY CS. CNTRL_SYS_NAME, C. CONSOLE_NAME, V.NAME, V.ALARM_TAG, RIGHT('00'+CONVERT(VARCHAR,C.CONSOLE_NO),2)
, 'ACM_' + CONVERT(VARCHAR,V.CONSOLE_ID)
ORDER BY CS. CNTRL_SYS_NAME, C. CONSOLE_NAME, V.NAME ASC
```

TagName	AlarmTagName	ACM Control System	Console	Console No.	Task Sched ID
15LI008	15LI008	Sierra	Offsites	35	ACM_36
15LI009	15LI009	Sierra	Offsites	35	ACM_36
15LI010	15LI010	Sierra	Offsites	35	ACM_36
15XC001	15XC001	Sierra	Offsites	35	ACM_36
15XC002	15XC002	Sierra	Offsites	35	ACM_36
15XC003	15XC003	Sierra	Offsites	35	ACM_36
15XC004	15XC004	Sierra	Offsites	35	ACM_36
15XC005	15XC005	Sierra	Offsites	35	ACM_36
15XC006	15XC006	Sierra	Offsites	35	ACM_36
15XC007	15XC007	Sierra	Offsites	35	ACM_36

2. Export the results as a .CSV file and import them into Excel. Make modifications to any alarm tag name and change the color of the cell accordingly. Filter the cell color and select the first two columns.

3. Place the two columns into a new spreadsheet and save the results as .CSV file named "C:\temp\Taglist.csv."

```
Tagname, Alarm TagName
Pre_Test1,Test1
Pre_Test2,Test2
```

4. Perform a full back-up of the ACM database to ACM.BAK.

5. Copy SQL query "SQL ACM Change the alarm tag value using a list of tags.SQL" to the SQL server and ensure the Taglist.csv is copied to "C:\Temp\" directory.

6. Execute the query and release each console (Ctrl + R) where changes to the alarm tag name have been performed.

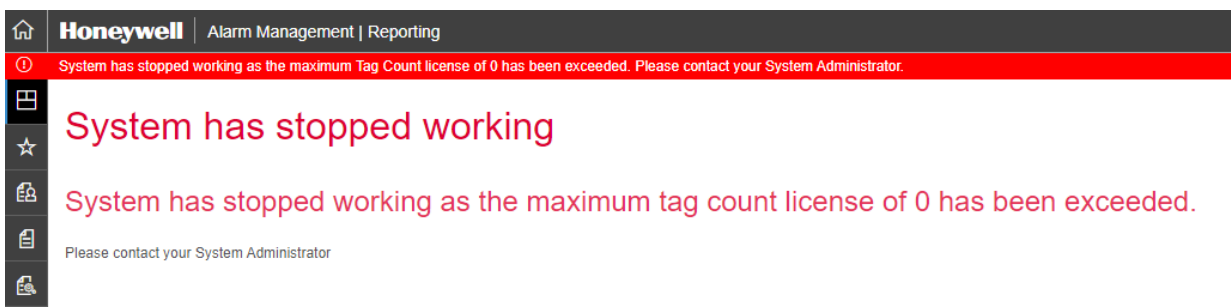
7. All new alarm tag names will be displayed

Changing the Runtime (Service) Account Using PowerShell Script Stops UI and Licensing from Working

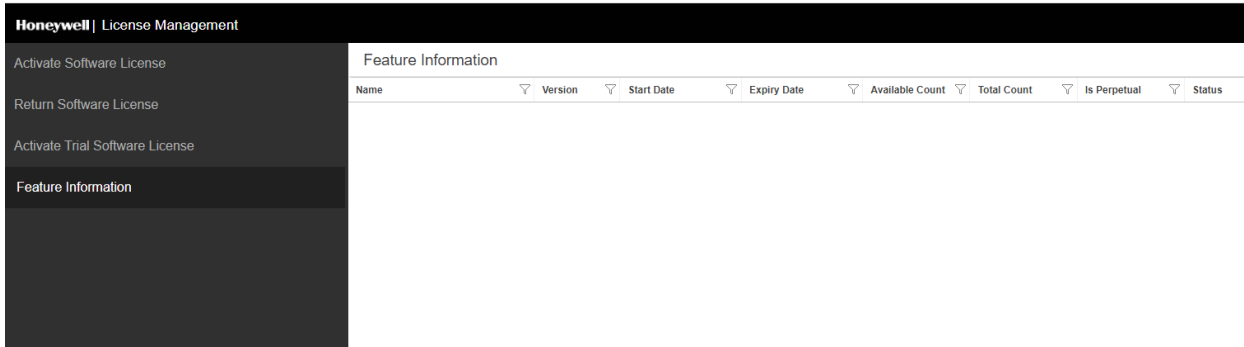
(Extract from Knowledge Article 000188458, first published 14-Jun-24)

In certain cases, DynAMo M&R/HFAM-Reporting will exhibit the following issues:

- After running the **Master-Replace-UserAccount.ps1** script as described in the *System Admin Guide – "Changing the runtime user account,"* opening the web UI shows the licensing-related error "**System has stopped working as the maximum tag count license of 0 has been exceeded**":

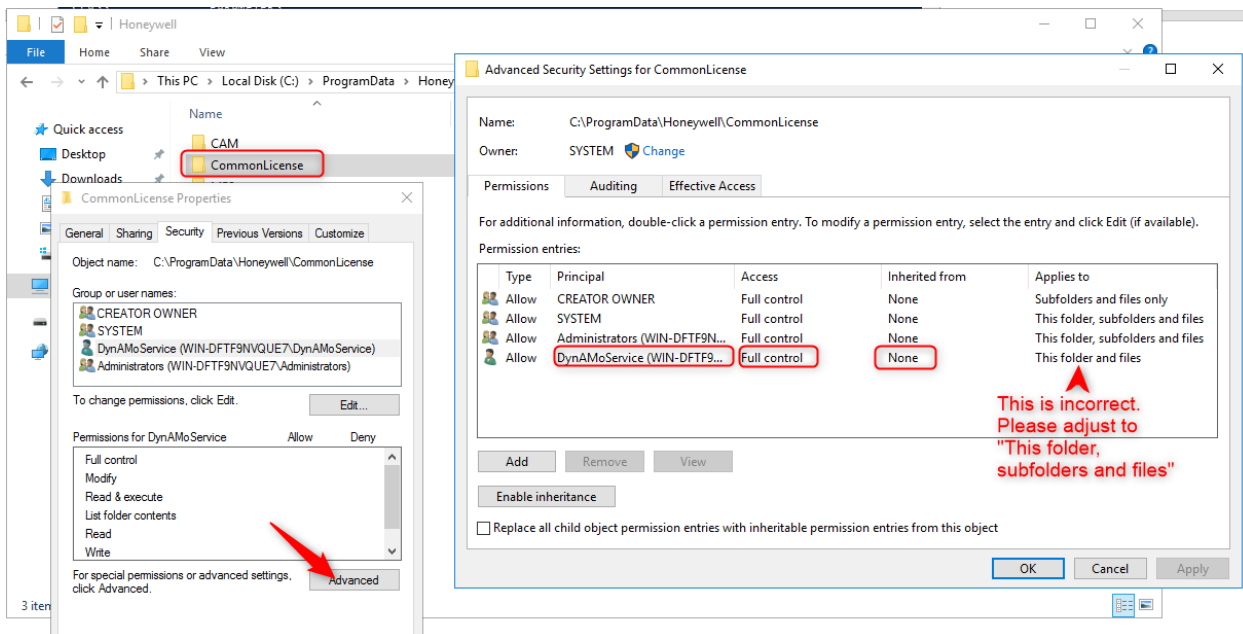


- Additionally, an **empty** Feature Information screen within the Licensing Utility **may** also be present:



To resolve this issue and restore functionality, follow these steps:

- For **each** of the following two folders, ensure that the runtime user account on the server (also known as the service account) has both **“Full Control”** and that the permission applies to **“This folder, subfolders and files”** as shown in the following screenshot.
 - C:\ProgramData\Honeywell\CommonLicense**
 - C:\Program Files (x86) \Honeywell\License Activation Utility** (Your path may vary slightly if installed in a non-default path)



- After making this adjustment to both folders as shown, please perform an **IISRESET** for the changes to take effect.

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Knowledge Article Quarter: Summary of Articles – 2Q 24

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

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

Article Number	Products	Title	Summary
000183601	Alarm Configuration Manager	Interlock block addition issues.	The following errors have been seen when interacting with interlock blocks. Tag synchronization fails for a selection of interlock points with the following errors: "UNSUPPORTED POINT TYPE" and "THE DELETE STATEMENT CONFLICTED," "STRING OR BINARY DATA WOULD..."
000187304	Alarm Configuration Manager	Failed to create user groups when adding ACM console.	Failed to create user groups XX_XX_MGR and XX_XX_OPR automatically when adding new console in ACM Administrator Client.
000187405	Alarm Configuration Manager	ACM root assets appear red in Admin Client.	ACM console root assets error: "Error adding console ConsoleTest. Insufficient privileges to access Experion server database."
000187438	Alarm Configuration Manager	ACM Manager and Administrator Client fail to load.	The following error appears when launching either the ACM Manager or Administrator Client: "Component 'Vsflex7N.ocx' or one its dependencies not correctly registered: a file is missing or invalid."
000188225	Alarm Performance Optimizer	Procedure for deleting mapped ACM consoles in APO (Alarm Performance Optimizer) 1.0.0.	After mapping consoles to APO plants in APO configuration utility, the user deletes a few consoles in the ACM server as part of the configuration change. However, as per design, one cannot delete the mapped consoles once it is assigned to an APO plant in ACM.
000187806	DynAMo Metrics and Reporting	DynAMo Event store, site, plant and OP tabs are not loading.	DynAMo Event store, site, plant and OP tabs are not loading. The MES homepage is launching successfully.
000188477	DynAMo Metrics and Reporting	Collector gets short events from Siemens OPC.	Summary: Lots of unrecognized messages coming into Archiver.
000187384	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	L4 DynAMo M&R/HAM proxy server website not loading.	Summary: DynAMo M&R webpage not loading correctly. Application error appears when trying to launch the L4 proxy server website. "Application error internal server error: please contact your System Administrator."
000187607	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	How do you delete all tags associated with an asset and then delete the asset if no tags are associated with the asset and sub-assets?	Provide SQL queries and a procedure to list all assets and then select the ones for deletion including all the tags associated with the assets and their subsequent sub-assets. And then run an SQL query to delete all the Assets without tags assigned to th...
000188209	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	DynAMo M&R license error – Tag count has been exceeded.	DynAMo reporting has stopped working with error message: "System has stopped working as the maximum tag count license of 25000 has been exceeded."

Article Number	Products	Title	Summary
000188458	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	Changing the runtime (service) user account using PowerShell script stops UI and licensing from working correctly.	After running the Master-Replace-UserAccount.ps1 script as described in the System Admin Guide – “Changing the runtime user account,” opening the web UI shows the licensing-related error “System has stopped working as the maximum tag count license of 0 ha...”
000188492	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	How do you exclude tags that normally have “alarm enable status” disabled from appearing in the suppression reports?	Sites that have SCADA or C300 tags that are defaulted to have alarm enable status set to disable via parameters “alarmdisabled=True” or “almenbstate=Disable,” so that they never can alarm by design do not want the tags to be in the Suppression Reports or...
000188538	DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	How do you revert channel data to a specific date and backfill using Experion Archives?	Method to revert data for a channel to a specific date and replace with contiguous data from Experion Archives using an ODBC channel
000188183	Dynamo Operations Instructions, DynAMo Metrics and Reporting, Honeywell Forge Alarm Management – Reporting	PBM/OMA tags stop update statistics.	PBM/OMA tag variable point descriptors cause error message: “ERROR Honeywell.DynAMo.Log.Logger - Exception: The socket connection was aborted. This could be caused by an error processing your message, or a timeout being exceeded by the remote host, or an un...”
000188264	Honeywell Alarm Manager, Honeywell Forge Alarm Management – Reporting	HAM PHD connection cross-domain fails.	HAM to PHD connection cross Domain fails; test connection looks good, but no data is retrieved from PHD.
000187471	Honeywell Forge Alarm Management – Reporting	Alarm Activity Report User Fields with no data.	Alarm Activity Report not showing the User Field values. The User Fields have values captured by the rules, and these are visible in the Event Investigator Report, but the user field values are not showing the captured values in the Alarm Activity Report.
000187476	Honeywell Forge Alarm Management – Reporting	Inactive Event stops queue processing due to process comment.	The event queue increases in size and the Archiver Interface log file contains the following errors in order: 1. “Exception: Index was out of range. Must be non-negative and less than the size of the collection.” 2. Debug message: “Modified processCommen...”
000187788	Honeywell Forge Alarm Management – Reporting	“Service not available” error on opening Honeywell License activation utility.	License Activation Utility webpage reports “Service not available” error while license is working fine, and all other M&R functions are working well. •The license activation was completed and HFAM reports are working well without any issues.
000188208	Honeywell Forge Process Safety Analyzer	Antivirus Exclusion List for Process Safety Analyzer (PSA R211).	Request for a list of PSA components or files should be excluded from antivirus scan for Process Safety Analyzer (PSA R211).
000188469	Honeywell Forge Process Safety Analyzer	How to troubleshoot when PSA stopped collecting Events in R210 version and not starting after IRESET and basic settings changes?	PSA stopped collecting Events in R210 version.
000188900	Honeywell Forge Process Safety Analyzer	PSA system health information not working after service accounts are updated.	The PSA system health page is not working after the service account password was changed and updated in all of the AppPools, windows services, etc. Seeing an error related to login when the page is shown:

Article Number	Products	Title	Summary
			"PSAHealthMonitoringAPI.HoneywellIMESProcessSafety"
000188903	Honeywell Forge Process Safety Analyzer	PSA SES Safety View not updating.	When applying filter values to Event list in Safety View the Event list becomes empty when navigating to Report tab and back.
000188472	Honeywell Forge Process Safety Analyzer (Cloud)	How to troubleshoot when PSA is not collecting and processing events from PHDAPP DB (source Machine)?	PSA not collecting and processing Events from PHDAPP DB.
000180710	M&R, DynAMo Metrics and Reporting, Metrics and Reporting	Specific users cannot view Event Investigator Report.	All/most users can view Event Investigator Reports in M&R. When a specific user tries, they get the error: "The custom error module does not recognize this error."

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Honeywell Operations Management

Honeywell Operations Management R246.2 Patch 1

This patch will be released in July, the following issues will be addressed in the release.

#	Description	Application	PAR ID (s)/RQUP
1	In Monitoring, the history of the number of failed backfill jobs is high when the data is stored for a longer duration.	Monitoring	*RDOS-13789
2	When the Norwegian Bokmål language is enabled, the add button disappears in the Shift Summary tab and the user may not be able to create a new logbook.	Logbook	*RDOS-15231
3	A scheduled quarterly task is executed every month instead of once in three months.	Task	*RDOS-15182
4	In Logbook, the Shift Summary report cannot be edited even if the report is within the grace period.	Logbook	*RDOS-14300
5	In the Shift Summary page of Logbook, the save icon disappears within the grace period after the shift is over.	Logbook	*RDOS-14138
6	In Logbook, when the Shift Summary report is created with different time zones (UTC- time zones), the following error appears: "You cannot create a report for the previous shift after the shift end time and grace period."	Logbook	*RDOS-14065
7	In the roll-up Matrix snippet of Logbook, when a child asset is not created then there is an "error fetching data" error shown in the report PDF.	Logbook	*RDOS-14046
8	High and low limit of Boundary of LR variable decimal values is rounded up or down and the fix is added to include decimal values in R 246.2.	Limit Repository	*RDOS-15585
9	In the health monitoring window, when you provide a remark with multiple reasons, the reason with the lowest percentage appears on top while editing the remark.	Monitoring	*RDOS-15037
10	By changing the type of target from one Limit Type to another, deletes its associated deviations and reasons from the database without notifying the user.	Monitoring	*RDOS-14913
11	In Logbook, when more than one comment is edited using the maximize window, the changes are not updated in the snippets. (DET, Matrix, Table, Tag, Rollup DET, Rollup Matrix)	Logbook	*RDOS-14898
12	In Logbook, when more than one comment is edited using the maximize window, the changes are not updated in the comment template.	Logbook	*RDOS-14788
13	In Matrix Snippet, when we keep the "Enable_Hide_EmptySnippets" as TRUE and "Enable_PrintConfiguration_forSubmission" as FALSE in the settings then the tag group configured Matrix Snippet data is not visible in the generated report.	Logbook	*RDOS-14315
14	In Limit Repository, when the machine is configured with LDAPS, the active directory shows a "The server is not operational" error, due to which the loading of HFOM variable data takes more time to complete.	Limit Repository	*RDOS-14237

15	In the Limit repository application, under the variable limit page of the LR console, the variable name and asset name filters are not working.	Limit Repository	*RDOS-13960
16	A few of the Monitoring and Instruction schedule jobs, like Mode-Based Instruction Scheduler, Health Monitoring and Health Monitoring Sync, are created in the Hangfire application even when only DOL (Logbook component) is installed without installing the Monitoring and Instruction components.	Logbook	*RDOS-9272
17	The application does not list the child assets' shift summaries for the parent asset when you include children flag is set to true.	Logbook	*RDOS-15556
18	If an application pool is terminated while a task recurrence template is applied to a task list flooding shift validation, an error is reported in the MES log. (Due to heavy load, fetching task data from more than a year will crash the app pool in the middle and throw a "Please Contact Administrator" error to the UI).	Task	*RDOS-15434
19	Fix is added to include the decimal values which are not displaying/rounding off the decimal digits in the Limit Repository variable configuration and the Process Targets in Monitoring Target configuration.	Limit Repository	*RDOS-15344
20	In health Monitoring, backfill job login two open downtime.	Monitoring	*RDOS-14953
21	In Limit Repository, if the limit value is greater than 1,000,000, it does not appear in the LR web interface.	Limit Repository	*RDOS-12791
22	During live BG target processing, the TargetProcessingHistory table has incorrect gaps which affects the backfill process.	Monitoring	*RDOS-16609
23	In the hierarchy window, instead of leaving the focus where the asset is selected, it refreshes and scrolls back to the top.	Monitoring, Limit Repository and Logbook	*RDOS-13946
24	Tag monitoring job status fails in Archival jobs.	Monitoring	*RDOS-16176
25	Shift summaries and shift summary comments fail in Archival jobs.	Logbook	*RDOS-16175
26	The user is unable to add new historian references.	Monitoring	*RDOS-16356
27	Post-upgrade to R246.2, the user was not able to save the instruction and gets this error in UI: "Variable Validation Failed for the Variable."	Limit Repository	*RDOS-16182
28	In open deviation, the health target does not get associated with new child targets.	Monitoring	*RDOS-16204
29	In the Logbook, under roll-up comments, the category contents are incorrectly looped and listed multiple times. When the category column is not enabled, the response entries column mishandles the data by displaying additional columns without a header. These issues are also noted in the PDF. Also, the expand option is available for children.	Logbook	*RDOS-16450

30	In Archival jobs, when the task archive job is running in the background, it throws, "The DELETE statement conflicted with the REFERENCE constraint 'FK_TaskTaskActionAttachment.'" The conflict occurred in database "Honeywell.MES.Operations. DataModel.OperationsDB," table "dbo. TaskActionAttachments" and column "Task_Task_PK_Id'.160" error.	Task	*RDOS-16542
31	When the page is opened or reloaded under cross-shift data in Logbook, "Access is denied. You do not have permission to access this application." error appears.	Logbook	*RDOS-14871
32	In Logbook, when attempting to fetch comment data from the previous year after upgrading from R246.1 to 246.2, "Please contact administrator" error appears.	Logbook	*RDOS-16243
33	In Limit Repository, when a filter is applied to either DCS or Historian Tag with a value, the search results will only display the entries that match with the applied filter tag (DCS or Historian Tag). It does not display both values even if data exists for both.	Limit Repository	*RDOS-16509
34	Meeting archival job is failing with reference constraint error and conflict with table, it throws "MeetingTaskAssociation," column "Task_Task_PK_Id" error.	Operations	*RDOS-16571
35	In Logbook, Snippet rows overlap when trying to print the print preview in the shift summary.	Logbook	*RDOS-16606
36	On the Monitoring and Limit Repository homepage, random license errors are observed.	Limit Repository, Monitoring	*RDOS-14833
37	In Monitoring, when the browser language is set to Spanish, decimal for limit of Process Tag Type is not recognized.	Monitoring	*RDOS-16165
38	In Logbook, the user is able to create Logbook for previous shifts even though the "Flexible Shift Summaries" is set to false.	Logbook	*RDOS-16687
39	L3_LR_SYNC and L4_LR_SYNC not completing for limit values.	Limit Repository	*Case # 05604694

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Knowledge Article: Summary of Articles – 1Q24-2Q24

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
000187292	Uniformance KPI	SSRS Reports are not accessible from the web portal and 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, just not the portal. If access the reports from portal then it says, "The service is not available."
000187352	Honeywell Forge Operations Monitoring	Re-provisioning of LR MiniACMDB	After the ACM321.12 HF7 update, the MiniACM DB sync at L4 LR has error: "Expected column 'LR_DATA_SOURCE' was not found on the DataTable to be applied to the destination table 'VT_Console.'" This article will help to resolve the same.
000187392	Honeywell Forge Operations Monitoring	HFOM 246.1 action icons are not loading inside HCP portal.	In latest portal version 3.2.0.55, the HFOM-related action icons are not loading, as well as the Refresh, Save Preference, Apply Preference icons beside the TimeControl.
000187525	Honeywell Forge Operations Logbook, Honeywell Forge Operations Monitoring	Multiple visualization issues with users after upgrading to HFOM R246.2.	Multiple issues with the Logbook and Monitoring user interface where visualization is not normal. The issue happens to multiple users but also does not happen to many users.
000187526	Honeywell Forge Operations Logbook, Honeywell Forge Operations Monitoring	Monitoring installation stuck on the app server with prerequisite check error.	HFOM 246 Upgrade stuck at application server with message: "Ensure all configured LR synchronization are completed and suspended."
000187535	Honeywell Forge Operations Logbook, Honeywell Forge Operations Monitoring	Unable to create new DAS or select DAS plugin type after upgrade to HFOM R246.	An error occurred in getting plugin types.
000187536	Honeywell Forge Operations Monitoring	The content type/html; charset=utf-8 of the response message does not match the content type of the binding error.	Observed the content type/html; charset=utf-8 of the response message does not match the content type of the binding at the Monitoring summary page.
000187537	Honeywell Forge Operations Logbook, Honeywell Forge Operations Monitoring	"Unexpected system error occurred. Please contact the administrator" error at MES landing page.	Unauthorized exception is observed in the URL.
000187598	Honeywell Forge Operations Logbook, Honeywell Forge Operations Monitoring, Honeywell Operations Logbook	How to change local date and time format in client machine?	This article will show you the settings needed to modify the date and time format in the client browser.
000187604	Honeywell Forge Operations Logbook, Honeywell Forge Operations Monitoring	"Please contact the system administrator error" at Logbook overview or comments pages.	Operations Management Logbook R246.2 - Error when specifying date range in comments tab.
000187617	Honeywell Forge Operations Monitoring	Limit Repository boundary or operating limits values are being rounded.	Operations Management R246.2 - Limit Repository Boundary and Operating Limit values are being rounded up or down.
000187630	Honeywell Forge Operations Monitoring	Loading of Variable Limits page takes five minutes to complete.	Loading of HFOM variable data takes five minutes to complete.
000187685	Honeywell Forge Operations Logbook, Honeywell Forge Operations Monitoring	HFOM/HFOL Flexera Licensing FAQ.	Frequently asked questions on HFOM/HFOL Flexera Licensing.
000187691	Forge Operations Monitoring, Forge Operations Logbook, Honeywell Forge Operations Logbook, Honeywell Forge Operations Monitoring	Does HFOM support SAML or OAuth?	Which authentication does HFOM support (SAML, OAuth or both)?
000187693	Honeywell Forge Operations Monitoring	Data source is either invalid or not licensed error occurred in configuring health target in HFOM R246.	HFOM 246.1 error in posting limit when editing health target.

Article Number	Products	Title	Summary
000187816	Honeywell Forge Operations Management	Limit is not displayed in Trend for Honeywell Forge Operations Monitoring (HFOM).	The limit trend is not shown on the graph (HFOM R245).
000187852	Honeywell Forge Operations Management	Restoration of deleted asset from AssetTaskDB.	Retrieving the asset from IsDelete=1.
000187867	Uniformance Executive	Custom script to export UNEX dashboard to PDF format.	There is a requirement for customers to add the PDF export button on the dashboard template level instead of share options. This article helps to add the script to render the dashboard into PDF format.
000188308	Honeywell Forge Operations Logbook, Honeywell Forge Operations Monitoring	HFOM installation stuck at Honeywell Forge Operation Management step.	There is no error message, but the Operation Management installation step was stuck for a long time.
000188432	Honeywell Forge Operations Monitoring	Missing deviation in Honeywell Forge Operations Monitoring for one target.	Target processing not working properly for one target.
000188549	Honeywell Forge Operations Logbook, Honeywell Forge Operations Monitoring	MES landing page: unexpected system error occurred.	"Unexpected system error occurred. Please contact the Administrator" message is observed when accessing MES landing page after HFOM R246.2 upgrade.
000188550	Honeywell Forge Operations Logbook	License error at Logbook page after upgrade to R246.2.	License Error: Error occurred during license check.
000188863	Honeywell Forge Operations Logbook	User cannot create a report for the previous shift beyond its shift end time and grace time.	Error while saving logbooks after upgrading to HFOL R246.2.

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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	hpscusersupport@honeywell.com	1-800-822-7673

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

Honeywell Forge APC (Profit Suite) Support	apc.support.emea@honeywell.com	
OptiVision Help Desk	p3its_onscall@honeywell.com	+ 358 20752 2300
Forge Blending and Movement (FBM) Solutions Support	bma.support.ap@honeywell.com	
UniSim Design Suite Support	unisim.support@honeywell.com	
Honeywell Forge Workforce Competency Support	hpscusersupport@honeywell.com	

Honeywell Asia Pacific regional GCCC hotlines:

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_onscall@honeywell.com	+ 358 17 57 89 300

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

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