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 HIGHLIGHTS

Technical Update Newsletter

The **Technical Update Newsletter** is published on a quarterly basis. This will provide updates about the Modular Systems product portfolio and the System Integrator Program. Below you will also find the important points of contact that can help you resolve your issues.



System Integrators Assist (SIAssist) is set up to support SIs globally. Technical and P&E Support will be provided to **Authorized SIs** during Pre-Bid, Post-Bid and on Ongoing basis. The SIAssist team has expertise in executing projects in various verticals / domains and applications. You can reach out directly to the expert technical team at SIAssist@Honeywell.com for your various needs during the selling and execution of projects.

This year, SIAssist supported more than 160 requests by end of July 2024 and provided support to more than 70 System Integrators.

P&E initiative is progressing well, P&E requests have increased to 2X from the previous year marking amazing progress in the engagement with our SI Network for providing assistance on Proposals. We addressed 80+ P&E requests till the end of Jul 2024. Under this initiative the SIAssist team will support various types of Modular Systems proposals, ranging from small to large scale.

Digital University



Digital University is a Honeywell Process Solutions new training platform primarily dedicated to the Channel Partners registered for CHAMP. Digital University contains HPS product and solution trainings developed to elevate the technical capabilities of the Channel Partners and it is designed to grow with new and refreshed content.

Honeywell Academy offers its channel partner a quality learning experience designed to empower to advance education. Discover our digital training materials.

Go on the HPS website process.honeywell.com > Sign In > **SIGN IN TO MY HONEYWELL** and enter your credentials > Select **Channel Portal** > Select **Digital University (Training Platform)** from the **CHANNEL HOME QUICK LINKS** menu located on the left side of the CHAMP homepage to get to the Digital University home page.

Watch this [QUICK DEMO VIDEO](#) for a quick tour!



TECH MEET

PMC India Modsys System Integrator – Tech Meet (2nd & 3rd July 2024)

31 Participants	13 System Integrators	2 New Prospects
4 Speakers on HON Capabilities	New technology demonstration SI & R&D Collaborative Workshop <ul style="list-style-type: none">Development Opportunity AreasProduct Improvement	14 hours of Hands-on Trainings (Batch, Safety)
Honeywell Technology Solutions Lab		

New technology introduction

Demonstration by Subject Matter Expert



CE PLC Redundant IO
 Universal Marshalling
 Versatilis Transmitters
 RTU Wireless

Innovation Workshop

3 TEAMS		THEMES
		Continuous
		Batch
		High End Discrete Application

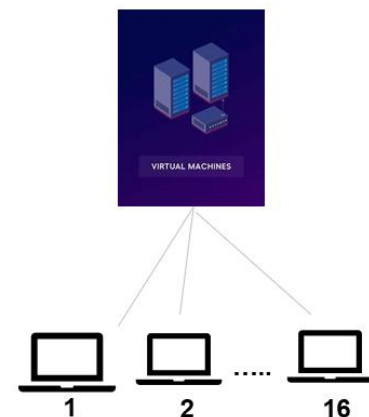
Training

Participation Certificate, Material distribution through Digital University

Experion Batch Fundamentals	SMSC	CE HC900 SIL2
7 hours	3.5 hours	3.5 hours



Students Hands-on Training System



Executed by Subject Matter Expert (Test Engineers)



TRAININGS AND WEBINARS

What's new - Upcoming Webinar in September: MARK your calendar September 6, 2024

Expand your Capabilities: Learn how our System Integrators win with Honeywell's Extended Portfolio, Technology & Unmatched Support

System Integrators (SIs) are essential partners in the modern business landscape who match automation products with critical applications to facilitate digital transformation and solve their industrial customers' toughest problems.

SI's get successful by becoming experts in differentiated technologies, strong execution capabilities and extensive support to bring value to their customers and grow their businesses.

In this webinar, join the experts to know how SI's get a benefit of Strong Collaboration with Honeywell with the Extended portfolio, stellar technology and extensive support to enhance their competencies and capabilities to serve their customers better. Talented System Integrators can be even more successful with Honeywell by delivering world-class solutions and life cycle services to industrial customers around the world.

Watch out for the invite and register to find out more.



PRODUCT UPDATES

Panel PC : New Panel PC MZ-PPCT02 Specification

The new Panel PC MZ-PPCT02 has been launched at June 1st, 2024. Meanwhile the legacy Panel PC MZ-PPCT01 has been phased out. The comparison of the new Panel PC MZ-PPCT02 and MZ-PPCT01 is as below.

PARAMETER	SPECIFICATIONS	SPECIFICATIONS
Honeywell Model Number	MZ-PPCT01	MZ-PPCT02
Form Factor	18.5-inch Panel Mount PC	18.5 Inches Panel Mount
System Hardware		
Processor	Intel Core i5-4300U, 1.9GHz	CORE I3 3.2G 6M 1200P 4C I3-10100E
Memory	8 GB DDR3	16 GB
Fan-less Design	Yes	Yes
Storage		

PARAMETER	SPECIFICATIONS	SPECIFICATIONS
Onboard Storage	256 GB, Solid State Drive (SSD)	256 GB
SD Expansion	Yes	Yes
Display		
Panel Size	18.5 inch	18.5 Inch
Max resolution	1920x1080 (16:09)	1980 X 1080 (16:9)
Brightness	350 cd/m ²	350 Cd/M2
Maximum colors	16.7 Mn	16.7 M
touch screen	Projected capacitive (PCAP) multi touch	Projected capacitive (PCAP) multi touch
I/O Ports		
Ethernet	Integrated 2x 10/100/1000 Mbps ports	Integrated 2x 10/100/1000 Mbps ports
USB	2x USB 3.0	5 X USB 3.2 + 1 X USB2.0
Serial	1x RS-232, 1x RS-485/422/232	2 X RS 232/422/485
Video	1x HDMI 1.4	1 X Displayport 1.2
Audio	1x Line out	1x Line out /Mic in
Power		
Rated Input Voltage	24VDC, +/- 20%	24VDC
Power Consumption	28W Typical, 60W Max	Typ. 84W; Max. 198W (without Panel Module)
Physical		
Dimension	488 x 309 x 56.7 mm; 19.21" x 12.17" x 2.23" [W x H x D]	488 x 309 x 100.3 [W x H x D]
Panel Cutout	479.3 x 300.3 mm [W x H]	479.3 x 300.3 mm [W x H]
Weight	7Kg (15.44lbs)	9.9Kg (21.8lbs)
Environmental		
Ingress Protection	Front panel: IP66	Front panel: IP66
Operating Temperature	0°to 55°C (32° to 131 °F)	-10°to 40°C (14° to 104 °F)
Operating Humidity	10%-95% @40°C, non-condensing	10%-95% @40°C, non-condensing
Storage Temperature	-20° to 60°C (-4° to 140° F)	-20° to 70°C (-4° to 158° F)
Operating Vibration	Random Vibration 0.0002 G ² /Hz,1.0 Grms, Test Frequency: 5-500Hz	Random Vibration 0.0002 G ² /Hz,1.0 Grms, Test Frequency: 5-500Hz
MTBF	LED backlight life 50,000 hrs	LED backlight life 50,000 hrs
Certification		
Europe	CE (LVD), CE (EMC), RoHS	CE (LVD), CE (EMC), RoHS
USA/ Canada	UL, cULus, Class I Div 2, FCC Class A level	UL, cULus, Class I Div 2, FCC Class A level
Others	BSMI, KC, RCM, CCC	BSMI, KC, RCM, CCC

PARAMETER	SPECIFICATIONS	SPECIFICATIONS
Software Configuration		
Operating System	Windows 10 ENT 2016 LTSB (Pre-installed)	Windows 10 ENT 2019/2021 LTSC (Pre-installed)
Experian Software Options	Separately ordered based on following operation modes - Experian HS, LX/PC Panel Station OR - Experian Panel Server with Station (Base 550 points, up to 16KSCADA points), Regular and Runtime options *Supports Experian Backup & Restore (EBR)	Separately ordered based on following operation modes - Experian HS, LX/PC Panel Station OR - Experian Panel Server with Station (Base 550 points, up to 16KSCADA points), Regular and Runtime options *Supports Experian Backup & Restore (EBR)

Notice: please pay attention that the dimension of MZ-PPCT01 and MZ-PPCT02 is different.



PROGRAM UPDATES

Demo Systems

Demo applications are designed and developed for various applications and for products like Experian® LX/C300, Safety Manager SC, ControlEdge™ HC900, ControlEdge™ PLC, ControlEdge™ RTU, ControlEdge™ UOC, Experian® PPC.

These are available in three packages:

- Integrated Demo
- ICSS Demo
- Individual Demo.

These demos support you in demonstrating and training customers on the Modular Systems portfolio. The applications and details are available with the SIAssist team. For more information, please contact SIAssist@Honeywell.com.



KNOWLEDGE ARTICLE

Procedure - Report Configuration in Experian HS/Experian LX

Three Configuration Pages in Configuration Studio

- Definition Page

- Content Page
- Scripting Page

Definition	Content	Scripting
<p>Mostly the same for all types of reports:</p> <p>Report Type Name & Title Destination (printer, file) Demandable Schedule Asset required in SOR to request</p>	<p>Specific to each type of report. Determines content of report.</p> <p>Alarm & Event Examples: Filtering based on: Alarm type (priority), Asset, Source, etc. Contains: In the last x days, y hours, z minutes OR Specific dates and times</p> <p>Point Attribute examples: Point IDs, Attribute</p>	<p>Write server scripts that execute (for example), On Completion. Might write a script that copies the report file to another location (for archive purposes – otherwise, the next time the report is run, it overwrites this report).</p> <p>Uses OOP and VB Script</p>

Definition Page:

Definition Content Scripting

Report Definition
Report type: Alarm and Event (required)
Note: Changing the report type will clear all details of this report.

Name:
Title:
Request program LRN: 0

Reporting on Request
Enable reporting on request
Destination: Station Default Printer

Periodic Reporting
Enable periodic reporting
Destination:
Next report:
Interval: None
Operator ID:
Note: If Interval is set to 'None' then periodic reporting is disabled.

Security
To access report, operators must be assigned to:

Request

Most recently requested:
19-Mar-14 11:28
Duration: 3 s
Completed

Click to view most recent report

Report History

Check to allow on request

Cannot enable periodic reporting unless an Operator ID is selected.

Does not apply to periodic reports.

Hour
Shift
Day
Week
Month
Quarter
Year

Periodic report will be "requested by" the specified operator. Not required for all report types.

Report can be demanded or viewed only by operators with this asset assigned.

Content Page - Specific to Report Type Being Configured:

Definition Content Scripting

Report on Alarms and Events with:

Alarm or Event type: All Sub-priority:
Asset Tag Name:
Source: TIC**
Description: Reactor
Operator:
Events to search: Online

Blank fields will not be included in the search. Wildcards * and ? may be used.

Occurring:
In the last: Days: 0 Hours: 0 Minutes: 0
Between: HH:MM DD-MMM-YY
Start time: 00:00
End time: 00:00
Controller offline time: 00:00

Options:
Print field time
Show 0.1 millisecond time resolution in Time column

Request

Most recently requested:
19-Mar 11:28
Duration: 3 s
Completed

"Filtering": Might want to use wildcards. Ex: *Reactor*

Events to search: See next page

This option not supported by Experion HS

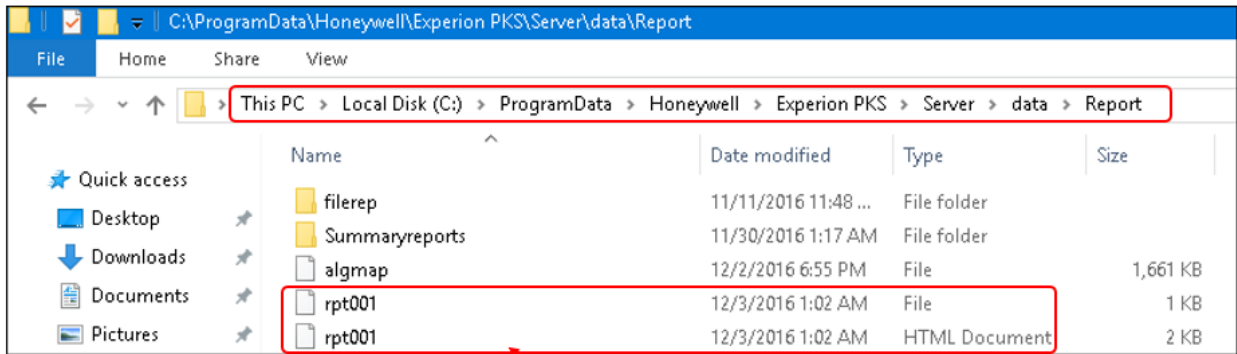
Enable to view timestamp with resolution of 0.1 millisecond

When operator is blank, report includes events from all operators. Entering an operator (ex: .loper1), report includes events generated by .loper1.

The "operator" is STA35 if the event was created @ Sta35 while using sta. based security.

Report Output:

- Two output files for each report – overwritten each time the report is run
 - **rptxxx.htm** -- Used by Station to display On Request reports
 - **rptxxx** – text file viewable from Notepad (xxx is the report number)



Report Number 001

ESCALATION MATRIX FOR A SI ASSIST REQUEST

Level of escalation	Escalation Timeline	GES Escalation Contact	Regional / Pole Leaders Contact	SI Program Contact
1	2 Days	<u>Mukesh Chaudhari</u>	Regional Product Business Leader	N/A
2	4 Days	<u>Piyush Chaturvedi</u>	Regional Business Leader	<u>Sukheesh Gandhi</u>
3	6 Days	<u>Dipankar Rautray</u>	Pole General Manager	<u>Carlos Villa Rodriguez</u>



Sukheesh Gandhi
Sr. Offering Mgmt. Specialist



Mukesh Chaudhari
Sr. Systems Engineer Supervisor

MODULAR SYSTEMS TECHNICAL SOLUTION CONSULTANTS

North EU <u>Waqar Amin</u>	South EU <u>Maurro Vaccarino</u>	Canada <u>Dumar Jaramillo</u>	USA <u>Bob Kotoski</u>	South AMER <u>Raul Agundiz</u>
India <u>Bhavin Patel</u>	China <u>XueYong Shi</u>	MENA <u>Nikhilesh Muraleedharan</u>	RoAP <u>Razizuddin Razali</u> <u>Permadi Sandi</u>	