HONEYWELL TRACE™

R121 PATCH 2

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1   About this document

This Software Change Notice contains important information that must be read prior to installing and working with Honeywell Trace R121 Patch 2. It also contains known issues, documentation updates, and additional information.

1.1   Revision history

Version	Release	Date	Description
A	R 121	November 2018	Updated for R121 Patch 2

2   Install R121 Patch 2

Install the cumulative patch **Trace_121.1.08.4_REV8** on Honeywell Trace Server (L3 and L3.5), Offline Data Collector, and remote nodes.

This patch is NOT applicable for:

- Experion Server node

📝 NOTE	**Trace remote node is not required to be installed on Experion Server for IAA report generation.**

| 📝 NOTE	**This is a cumulative patch and it is applicable on Trace_121.1.08.0_REV7 Base Media and Trace_121.1.08.4 Patch 2**

If installing on…	Follow these steps
Trace Server at L3 / Offline Trace Server	1. Copy the update.exe from Trace_121.1.08.4_REV8\Patch\PT_Server\L3. 2. Stop the Honeywell LSS-PT Data Collection, Honeywell Data Synchronization, Honeywell Trace Workflow and License services. 3. Install the update.exe of patch Trace_121.1.08.4_REV8. 4. Start the Honeywell LSS-PT Data Collection, Honeywell Data Synchronization, Honeywell Trace Workflow and License services. If it does not start automatically after applying patch, then start it manually.
Trace Server at L3.5 / L4	1. Copy the update.exe from Trace_121.1.08.4_REV8\Patch\PT_Server\L4. 2. Stop the Honeywell Data Synchronization and License services. 3. Install the update.exe of patch Trace_121.1.08.4_REV8. 4. Start the Honeywell Data Synchronization, and License services. If it does not start automatically after applying patch, then start it manually.

| Trace remote node	1. Install the HoneywellTraceinstallInvoker.exe of patch located in Trace_121.1.08.4_REV8\Patch\pt_remotenode Note: HoneywellTraceinstallInvoker.exe patch is no longer applicable for Experion server.
Offline data Collector	1. Copy the update.exe from Trace_121.1.08.4_REV8\Patch\PT_Server\DM 2. Install the update.exe of patch Trace_121.1.08.4_REV8.

3   Installing Patch 2 on Trace Remote Node

To install Honeywell Trace Remote Node:

1. From the installation media, access the **<drive>:\ Setup\Packages\pt_remotenode** folder. Right-click the **HoneywellTraceInstallInvoker.exe**, and select **Run as Administrator** to launch the installer. Acknowledge the confirmation message.
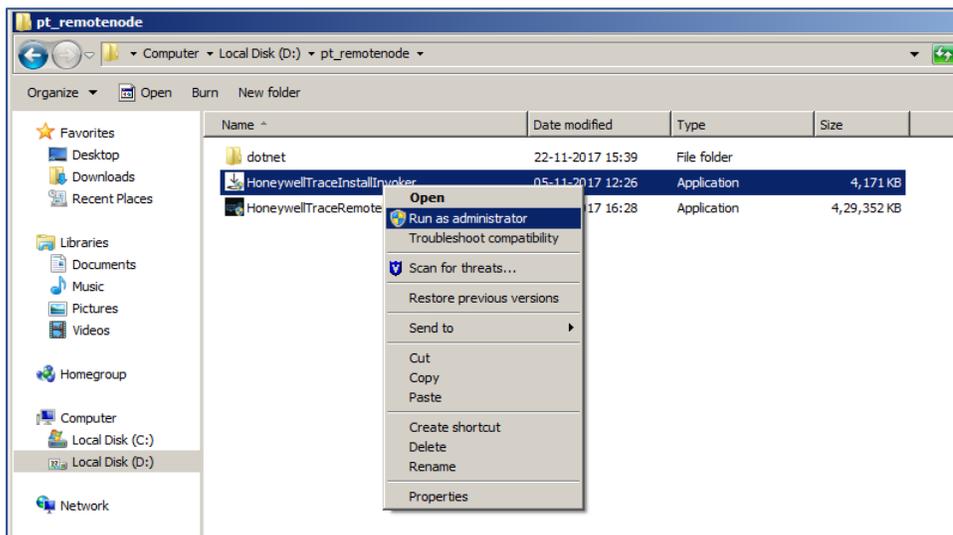
2. The installation wizard's **Welcome** screen appears. Click **Next** to continue.
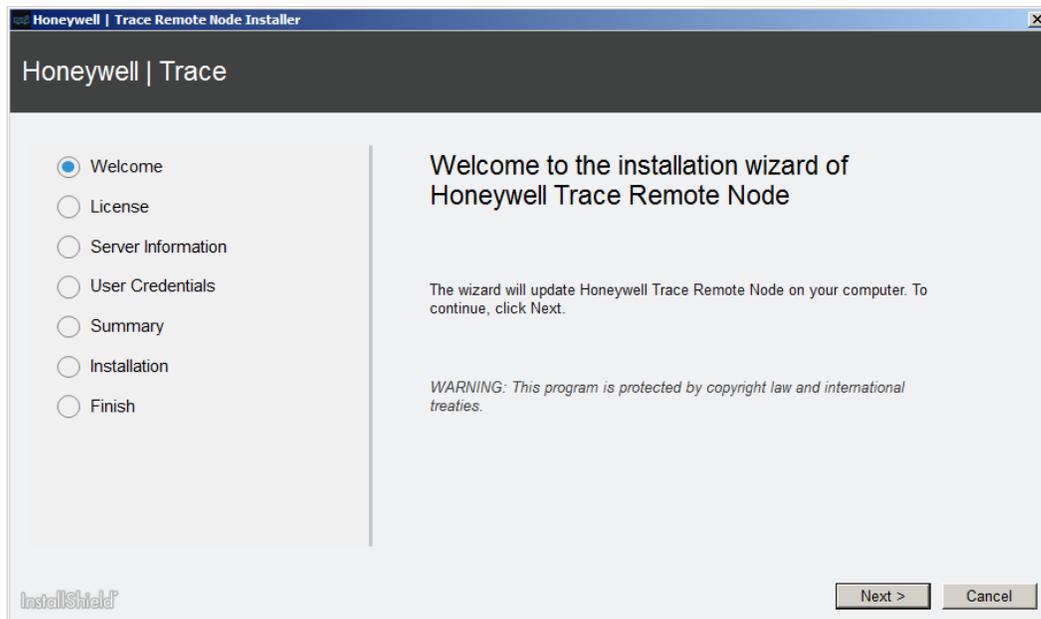
3. On the **License** screen, select the **I accept the terms in the license agreement** option and click **Next**.
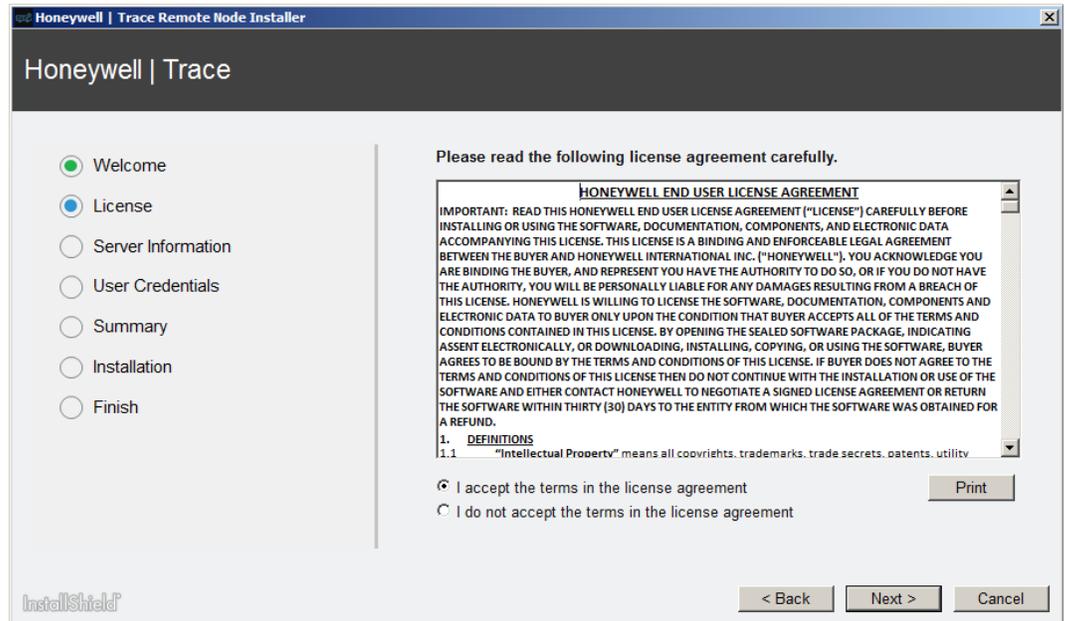
A screen appears where following message is received:

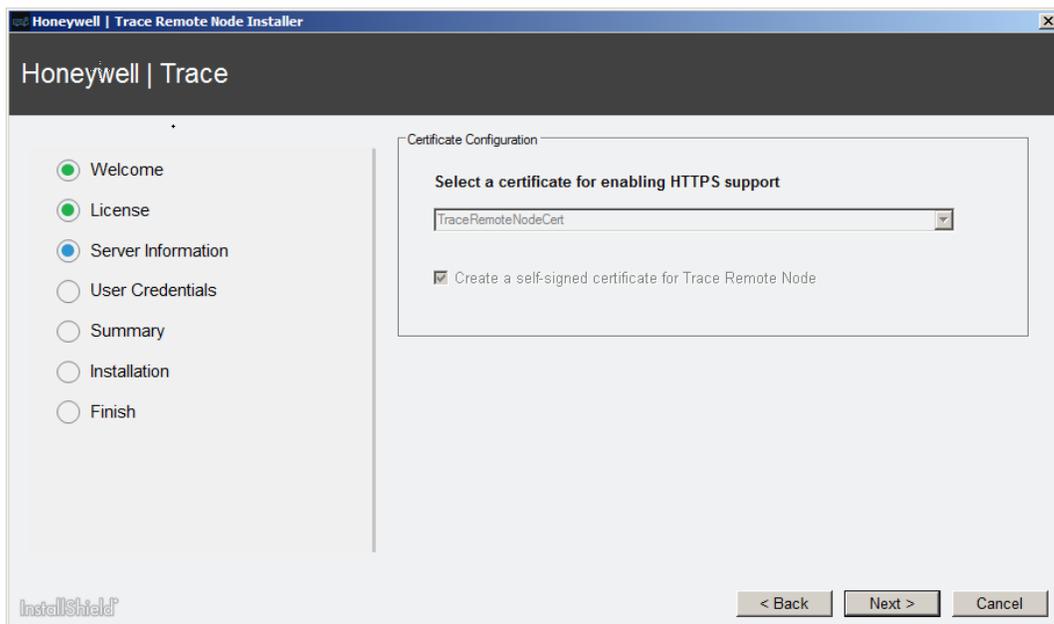"**Warning: Firewall Check – Firewall is disabled. Enable the firewall and retry.**"

4. Click **Next**.
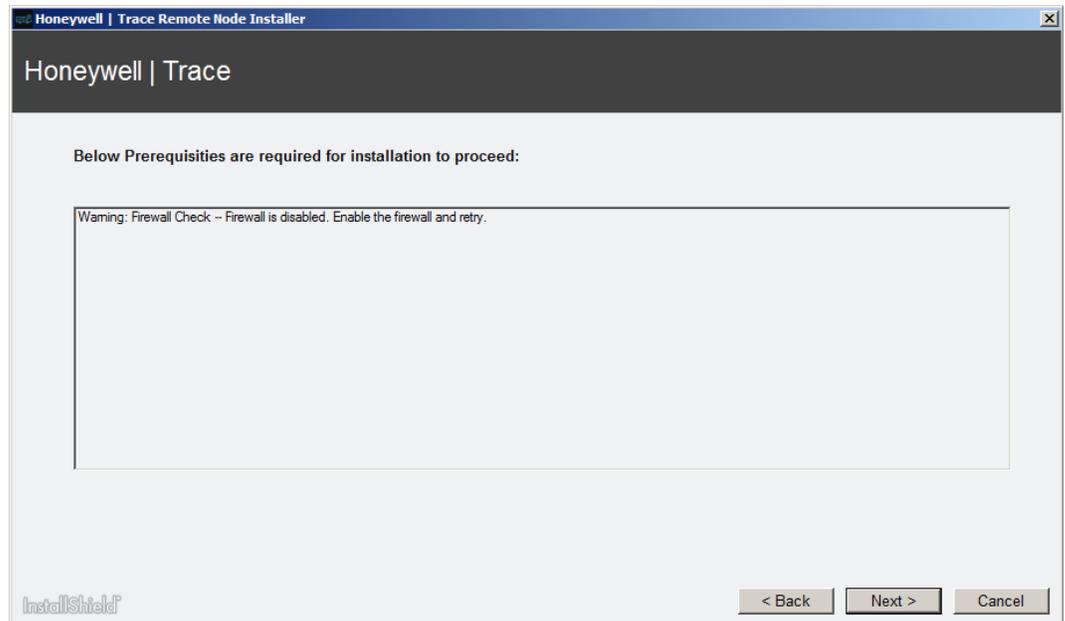
5. Configure the certificate by either:

   a. Selecting an available certificate for HTTPS support from the drop-down list (Not applicable if using Windows XP).

Or

b. Checking the **Create a self-signed certificate for Trace Remote Node** option.

6. Click **Next.**

7. On the **User Credentials** screen:

   a. APPLICABLE ONLY IF INSTALLING ON Experion / FLEX / ES-C / EST / ESV / ESV-T.

   • Type the password for the user (IAA Service User) who collects System performance (IAA) data. This user must have Local Administrator privilege on Experion / FLEX / ES-C / EST / ESV / ESV-T.

⊙ ATTENTION	If you want to add multiple users, use semicolon and one space to separate the user accounts. For example, enter DOMAIN\user1; DOMAIN\user2; DOMAIN\user3; DOMAIN\user4
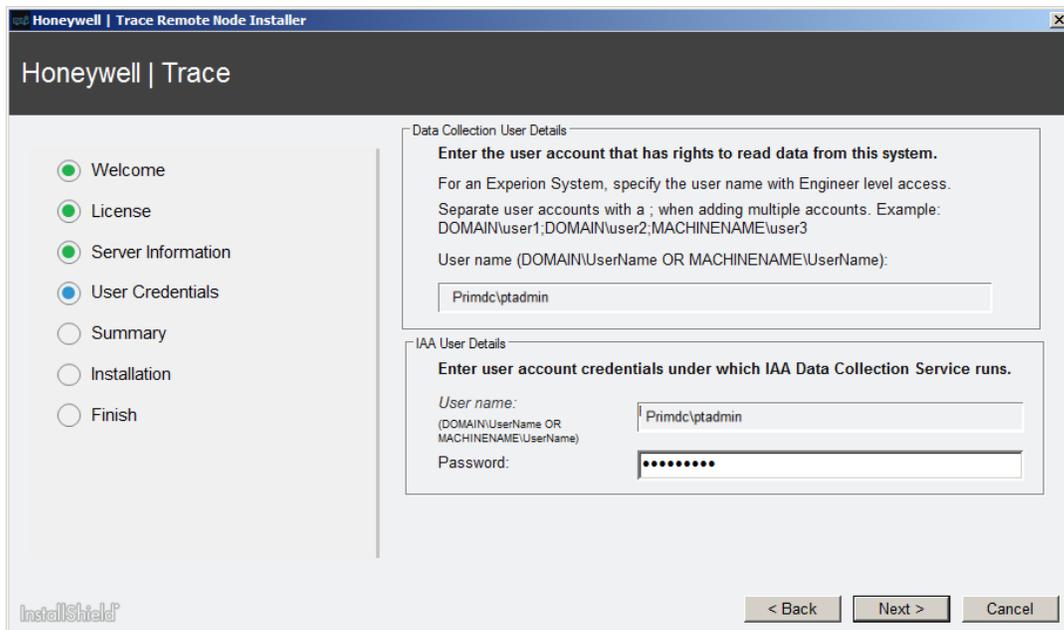
8. Click **Next**. The installer validates if the given user has permission to collect data. An error message is shown if the given user does not have the required permission. Provide a user who has the required permission and click **Next**.

9. On the **Summary** screen, click **Install** to begin the installation.
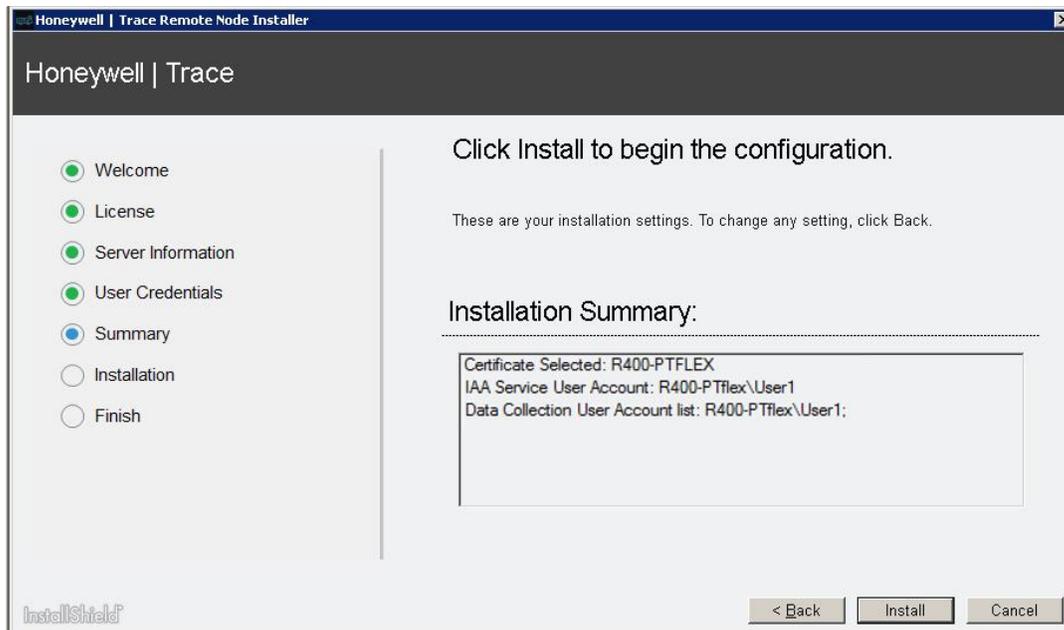
Step Result: The installation begins and progress is shown.

NOTE	Typically, it takes about an hour for the installation to complete.

10. The following window appears. Click **Add**.
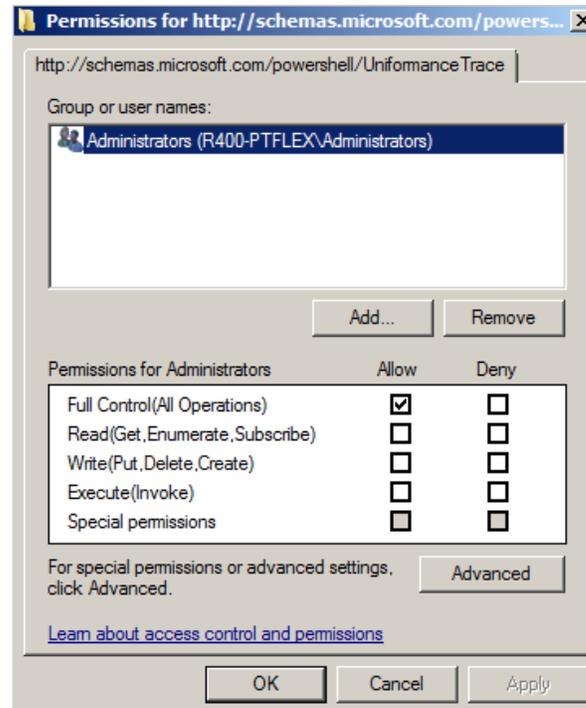
11. In the ensuing dialog box, click **Add;** then **Locations** and select the domain/workgroup to which the Honeywell Trace server belongs.

12. Click **OK**.

13. In the **Select Users, Computers, Service, Accounts or Groups** dialog box, under **Enter the object names to select**, type *the same user name entered in step 6 of this procedure.*

14. Click **Check Names**. Ensure the user name you have provided is identified.

15. Click **OK**. Ensure that the user is listed under the **Group or user names**.

16. Click the user and check the **Execute (Invoke)** option for this user.
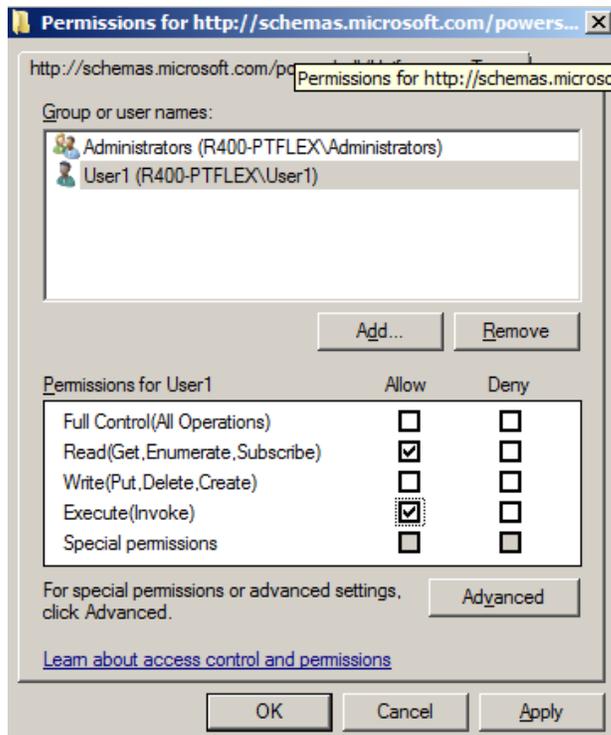
17. Click **Apply** and click **OK**.

🗨 NOTE	If there are multiple agents on a single remote node, add multiple users and provide each with Read and Execute permissions.

18. After the installation is complete, click **Finish** on the **Completion** screen to close the installation wizard.
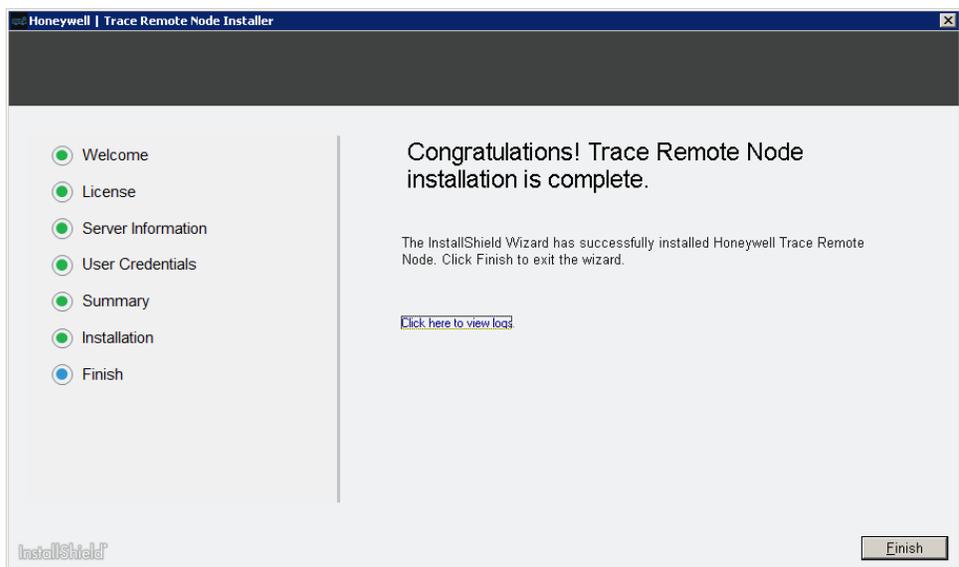
After completing this configuration, the administrator must apply a valid license and perform the post-installation tasks of configuring the Honeywell Trace server to enable data collection settings.

4 Issues Resolved

4.1 R121 Patch 2

The following is the list of resolved issues.

JIRA/SIEBEL PAR Reference	Issue – Description/Recovery/Workaround
RTRACE-1049	If there was a . (dot) in username, users were not able to login.
RTRACE-1309	The single Shadow Server could not fetch data from multiple PHD buffers.
RTRACE-1310	Users could not see device control (DEVCTL) point type connection for APM node.
RTRACE-1311	Users could not see device control (DEVCTL) point type connection for HPM node.
RTRACE-1312	TPS HPM and AM values were mismatching. Now, following parameters are corrected for the respective point types in those two nodes. <table><tr><td>Node</td><td>Point type</td><td>Parameters</td></tr><tr><td>TPS HPM</td><td>Analog Input</td><td>PVEXEUHI, PVEXEULO, and PVHITP</td></tr><tr><td>TPS HPM</td><td>DI</td><td>DLYTIME</td></tr><tr><td>TPS HPM</td><td>DISOE</td><td>DLYTIME</td></tr><tr><td>AM</td><td>REGCTL</td><td>PVEUHI</td></tr></table>
RTRACE-1313	LCN APP node support is added to Trace.
RTRACE-1314	The Network View was not working for multi VLAN configurations.
RTRACE-1315	Change Description column size was not big enough to display whole information.
RTRACE-1336	The non-numeric value was not being displayed as NaN.

JIRA/SIEBEL PAR Reference	Issue – Description/Recovery/Workaround
RTRACE-1316	HPM DEVCTL was not showing the logic inside it.
RTRACE-1332	The Null blocks were also displayed in logic point type of HPM node.
RTRACE-1333	PTDESC parameter was not in the frequent parameter list.
RTRACE-1317	CL was pointing to comment lines, which described the tag, was showing as an anomaly.
RTRACE-1335	CL points to hard point (NMxxHPMxx) and even if this hard point was present, it still used to display the point as "not present."
RTRACE-1334	In TPS system, multiple writes to same parameter anomaly for HPM logic point type is corrected.
RTRACE-1320	TPS SMM points configured beyond 255 were not displayed.
RTRACE-1318	Display reference was not getting resolved for few tag references.
RTRACE-1319	Trace migration was failing due to scheduling of reports in R120.
RTRACE-1176	Trace application URL redirection issue has been resolved. Now, SPA application URL can be opened from same server node.
RTRACE-1297	Port 80 is enabled and Trace is available only on port 443.
RTRACE-1338	As Borregard was setup in a different culture (Norwegian environment), data collection was not happening as there is difference in date and decimal formats. Post this fix, the issue is resolved across all the cultures.
RTRACE-1337	Service registry was not updated so issue came during patch 1 installation.
RTRACE-1416	FSC and Experion external references were not getting displayed.

JIRA/SIEBEL PAR Reference	Issue – Description/Recovery/Workaround
RTRACE-1417	The data collection was failing in Change Management due to duplicate records in Display Reference.
RTRACE-1418	The data collection was failing in Defect Management due to the large size of defect tracking ID field and the column size was less.
RTRACE-1419	In the Spares filter, under the "Reserved By" and "Types" fields, if multiple values were part of the search result, only the first one appeared.
RTRACE-1420	The Global Tag Search was not displaying the hyperlinks for few tags even though the data was present.
RTRACE-1421	TPS: For HPM REGPV, parameters namely CALCEXP, C1, C2, C3, and C4 were mismatching. In HPM CLs, under Reference Connections tab, references between point and CL was not appearing.
RTRACE-1422	TPS: For AM REGLATRY point connections, CDS parameters were not appearing. For AM CUSTOM point, CDS parameters types such as, Entity and Connections were not displayed
RTRACE-1423	TPS: In AM CL, the EXTERNAL tags which come after ampersand (&) in continuation lines are not being displayed as references between AM CL and tags. TPS: In AM REGLATRY, for multiple point connections has same parameter name such as, PISRC[1]. Now, each point parameter name is distinct. The parameters are now appearing as PISRC[1], PISRC[2], PISRC[3], and so on.
RTRACE-1424	The IAA pdf files were not getting generated.
RTRACE-1425	If more than 10,000 PHD tags were configured, there were few references which were still missing.
RTRACE-1426	The duplicate information was appearing in the final result set.

JIRA/SIEBEL PAR Reference	Issue – Description/Recovery/Workaround
RTRACE-1427	For generating a report for systems apart from TPS and Experion, the complete list of external references was not appearing. For generating a report for systems apart from TPS and Experion, the complete list of alias references was not appearing.
RTRACE-1428	Earlier, for PHD system, users could only add single dependent TPS system. Users can now add multiple dependent TPS systems from the Add System Configuration page.
RTRACE-1429	(i) For PHD Shadow Server topology, PHD references for TPS system were not displayed even though the system is selected as TPS Dependent. (ii) The PHD references were not appearing when multiple RDIs were configured with same name for different source collectors. Now, all the RDI names are unique and PHD references are appearing. (iii) Earlier, the PHD references for RDM (one of the RDI types) communication protocol were not displayed. With this fix, the PHD references are displayed successfully.
RTRACE-1430	Even if the PHD was linking to various TPS system tag references, the PHD was configured to display only one TPS system at a time in the user interface.
RTRACE-1431	The invalid point references in CL Engineering Anomaly were interpreted and displayed as anomaly (commented lines) for TPS, even though they are false anomalies.
RTRACE-1432	The invalid point references in Display Engineering Anomaly were interpreted and displayed as anomalies for Hardware points and System displays, even though they are false anomalies.
RTRACE-1433	For TPS AM points, the generic CL and CDS references were not being displayed.
RTRACE-1434	The Network View was showing duplicate systems in all the switches and the port numbers were duplicated.
RTRACE-1435	The OPCG references via RDM between Experion and TPS were not working.

JIRA/SIEBEL PAR Reference	Issue – Description/Recovery/Workaround
RTRACE-1436	In the Change Detection page, on applying individual filters such as, Unacknowledged, Acknowledged, or Suppressed, the count was not matching with the actual filter records.
RTRACE-1437	If Trace is installed on a server with multiple drives, the System Audit folder gets installed on non-C drive, which affected the saving feature in Global Settings.

5 JIRA PARs

5.1 Resolved PARs

Sl. No.	Resolved PARs
RTRACE-1073	Validation for a failed system is no more getting deleted before confirmation.
RTRACE-1050	In Flex Station, icons are appearing in the Network View.
RTRACE-1097	The page does not time out before package is imported in Central mode.
RTRACE-1045	Duplicate records are no longer appearing in the list.
RTRACE-1048	Spaces, underscore, and hyphen are allowed.
RTRACE-978	Channel number is included in the exported spare csv.
RTRACE-1069	Hardware View chassis of Triconex is now displayed in vertical order.

5.2 Known Issues

Sl. No.	Known Issues
RTRACE-1068	[TPS]: In Change Detection page, even though there are no changes in CL, it was appearing as "Updated" in change detection.

6   Siebel PARs

6.1   Resolved PARs

Sl. No.	Resolved PARs
1-9PKK1PU	In external reference report, the container column was showing CM data instead of showing container data.
1-9QOTJVD	Duplicate records were appearing for object names in global search.
1-9BA88AZ	Earlier, the records were fetched only for exact matches in paramquery search. But now, records are successfully fetched even if the typed information in the search bar is similar to actual record information.
1-9MBRIVX	Some of the configurable parameters in Experion blocks were missing.

6.2   Known Issues

Sl. No.	Known Issues
1-9PKK1PM	SM block connections are missing for all FLDs.
1-8XXA43F	Description: Unable to save the System Performance Settings in Global Advanced settings Workaround: Some files get copied to D drive. So, go to D drive and copy the files manually to C drive.
1-9NQHKLD	Workaround– If IAA reports are vanished post–data collection failure. The snapshot can be scheduled by selecting IAA to have the system performance report generated.

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