Honeywell

Experion PKS
R431.1 Support Software Media Software Change Notice

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February 2015

Release 431.1

Honeywell

Document	Release	Issue	Date
EPDOC-X175-en-4311A	431.1	0	February 2015

Disclaimer

Contents

1 Introduction

Note
Known Issues are covered in this SCN, for other information refer to the *Experion R431 General Release SCN*.

Related topics

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1.1 About this document

This Software Change Notice contains information for all the users of Experion R431.1. The Support Software SCN must be read prior to installing and managing the Experion system. The Support Software SCN contains known issues.

1.1.1 Revision history

Version	Date	Description
A	February 2015	Draft version

1.2 Check for updates on Honeywell Process Solutions website

The Honeywell Process Solutions website, http://www.honeywellprocess.com contains software updates, documentation, and recommended antivirus updates.

In our effort to provide the most up-to-date information, updates to this SCN are available on the Honeywell Process Solutions website.

To access the Honeywell Process Solutions website

1 In a web browser, type the following URL.
https://www.honeywellprocess.com/support

The **Product Support** page appears.

2 If you are a new user, register at this website. Click **Register**, and follow the on-screen instructions.

3 If you are already registered, type your user name and password, and click **Login** to logon.
Your account logon name appears in the top-right of the page.

To download documents, security updates, or antivirus notifications

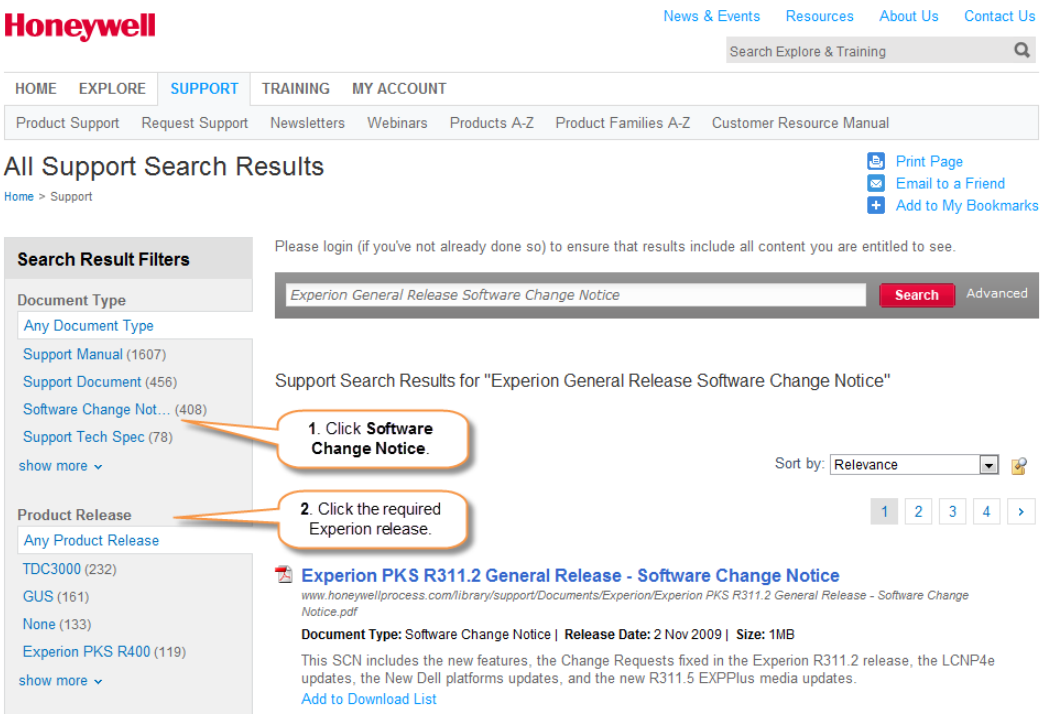
1 In the **Search** box, type the name of the required document, security update, or antivirus notification.
For example, to download the SCN, type **Experion General Release Software Change Notice** or **Experion Support Media Software Change Notice** in the **Search** box.

2 Click **Search**.
The **All Support Search Results** page appears with the search results.

3 In the left pane, use the **Search Result Filters** to further filter the document, security update, or antivirus notification. For example, if you are locating a Software Change Notice:

   a In **Document Type**, click **Software Change Notice**.

   b Inl **Product Release**, click the required Experion product release.



4 Click the document, security update, or antivirus notification link to open it.

2 Issues

This chapter provides the information about the Experion issues and workarounds.

Attention

Experion PKS R431.1 Support Software Media Software Change Notice reflects only Product Anomaly Reports (PARs) with priority severity position 2.1 and above.

The PARs positioned at 2.2 and below are not included in this Software Change Notice.

Related topics

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2.1

Experion Station-Native Window

PAR	Description
1-DLHZ3R	**Error Indication**: LCNP4 board not loading occasionally. **Description**: Occasionally it is observed that after the pc restart/LCNP Reset, emulators refuse to load the board. **Recovery**: Perform the following steps. 1. From the Start menu select Settings/Control Panel/ Administrative Tools. Select **Services** in the Services window, scroll down to **TDC Emulators Service**. Right click **TDC Emulators Service** and select **stop** option. Once the service is in stopped state Right click and select start option. Afte the TDC Emulators Service Stop/Start, reset the LCNP board by selecting the LCNP Reset option from the Start Menu->All Programs-> Honeywell Experion PKS-> TPS Applications-> LCNP Status dialog. 2. Load the TPS\EPKS node which is stuck up in POWER_ON state from another GUS/EST/US node in the same LCN. **Workaround**: None.

OPC Gateway

PAR	Description
1-2GZIVP6	**Error Indication**: Data values coming from the OPC Gateway may freeze based on incorrect OPC Server function. **Description**: Once the OPC Gateway subscribes to an OPC Server for a data value, it is unable to detect if the OPC Server has stopped updating this point correctly. This can be visible where the data is seen to be "frozen" coming from the OPC Gateway but a new connection to the OPC Server by another client can get correct "live" data. **Recovery**: The OPC Gateway is unable to recover only a single data value. If an OPC Server stops updating one of the points to the OPC Gateway one of two actions can be taken. (1) (2) 1. Remove all requests for this point by clients of the OPC Gateway. This requires unloading these points from Monitor. 2. Set the OPC Gateway to IDLE. This will result in the connection to the OPC Server being closed and ALL DATA from the OPC Gateway will go to Failsafe values. Commanding the OPC Gateway to RUN will restore all data from all points coming from the OPC Gateway. **Workaround**: None.

Secure Communication Manager

PAR	Description
1-1TRB5UD	**Error Indication**: Experion nodes stop communicating and/or deployment of secure communications policies fail after a re-synchronize command. **Description**: This outcome is possible if the configuration information of a restored Security Manager does not match or is incompatibly different than the secure communication policies deployed and operating in the system. **Recovery**: Modify secure communications configuration to restore system communications. The changes to be made are dependent on which nodes have lost communication and whether the nodes are currently secured or not. **Workaround**: First, always backup the Security Manager after secure communications configuration changes, so that subsequent restores of the Security Manager will always match what has been deployed to the system. Secondly, before using the Reysnchronize command, carefully evaluate the configuration to be deployed vs the current system to decide if the command should be executed. See the Secure Communications User Guide for additional information on backup/restore considerations and use of the re-synchronize command.
1-289JLQB	**Error Indication**: Hardware replacement of the ESV node designated as Security Manager with no backup or unusable backup results in a loss of Secure Communications configuration data. **Description**: If the Security Manager node is replaced and a backup of the Secure Communications configuration (through EBR or other means) was not taken or cannot be restored, the configuration data is effectively lost and Secured nodes can no longer be managed through the Secure Communications tool. **Recovery**: Recovering the Secured nodes requires clearing their individual Secure Communications configuration and re-configuring the Secure Communications system. Please refer to the "Secure Communications User's Guide", Section "Node Maintenance" - Scenario "Restoring Security Manager without a valid backup". **Workaround**: Plan regular backups of the Security Manager node. Recommend taking a backup of the Security Manager node and its Secure Communications configuration whenever a new node has been Secured or an already Secured node has been Unassigned / removed.

Secure Communication Agent

PAR	Description
1-3JXC9T1	**Error Indication**: Secured, redundant Experion Servers with ServerB as primary and ServerA as backup, ServerA is rebooted and ends up taking over as primary. **Description**: This can occur when ServerA is started after reboot. Server A may timeout waiting for communications with Server B to be established before the IPSec negotiation succeeds, which can be up to 2minutes. ServerA will assume a primary role, resulting in dual primary Servers. Once the IPsec negotiation succeeds the Servers will start communicating and Server B will step down to the backup role knowing that ServerA is the preferred primary. **Recovery**: None needed if ServerA in primary role and ServerB in backup role is ok. If ServerB needs to be in the primary role, then command a Server swap. **Workaround**: Take secured Experion Server pairs out of Secure Communications before staring critical operations that will cause a reboot, such as an Experion migration or Windows patch update. After the operation is completed, the Experion Sever pair can then be re-secured. From the Secure Communications user interface, nodes are taken out of Secure Communications by Unassigning them from the Secured Nodes list, and nodes are added to Secure Communications by Securing them from the Unassigned Nodes list. Furthermore, when it is known in advance that the system is expecting to be running Server B as primary and Server A is likely to have a period where it may not be able to communicate with Server B, additional action is recommended to ensure that when communications are re-established, ServerA will not elevate to a primary role. Follow the instructions documented (associated with PAR 1-2TXBDD5) to stop and disable the Experion System service on Server A before doing the critical operation, and subsequent restart and enable of the service after the operation is completed.
1-288O73J	**Error Indication**: C300 remain "updating" in Secure Communications UI; policies are not applied **Description**: After un-assigning a Security Manager proxy from the Secure Communications UI, any nodes communicating with the Security Manager through that proxy will no longer receive policy updates. **Recovery**: Secure the removed proxy node **Workaround**: To prevent this situation do not un-assign proxy nodes or ensure all BOOTP servers point to one proxy node. See the *Secure Communications User Guide* for further information.
1-1XVYCPZ	**Error Indication**: C300 temporarily lose communication with console stations during policy deployment. **Description**: When securing a large number of Windows and C300 nodes at once, C300 has been observed to temporarily lose communication with consoles stations in the same security zone. **Recovery**: Not required, communication restores automatically. **Workaround**: Refer to the S*ecure Communications User Guide* for the recommended procedure to secure nodes. In addition, securing nodes in several parts (for example 10-15 nodes at a time) vs all at once will further increase the probability of avoiding interruptions in communication.

System Management

PAR	Description
1-MZ6L8J	**Error Indication**: FTE nodes disjoin and reconnect. **Description**: FTE nodes gets disjoined and reconnected when time in NTP source is slightly modified. **Recovery**: None required system automatically recovers. **Workaround**: None.
1-MNAFT7	**Error Indication**: Server data connection is lost **Description**: Server lost data connection to System management by launching the L2.5 switch display from the station. Issue is caused by slow response from the switch. **Recovery**: Switch to another display to continue working, and retry the switch display later. **Workaround**: None
1-28CKTBT	**Error Indication**: The memory usage for the System Management Synchronized Repository service (SyncRep.exe) rapidly increases on multiple nodes on a network and network utilization increases significantly. There may be system performance impact, and the synchronization of alarms between the nodes may be delayed. If a syncrep memory leak occurs on only a single system, it is not this issue, and this recovery procedure does not apply. **Description** This behavior has been encountered on only one network to date, and only under the specific scenario of unplugging the current primary server from the network, and then later plugging it in again. Warning: until there is a fix for this issue, all sites should avoid the above scenario. Even under this specific scenario, the frequency of occurrence of the syncrep memory leak is low. **Recovery**: Contact Honeywell TAC for more information about this issue. **Workaround**. The best way to avoid this problem is to avoid the specific scenario where this has been observed . If this issue occurs even once at a site, the following procedure is recommended in order to prevent repeated occurrence. 1. Log on to one of the systems affected using a domain administrator account. 2. Open the system management display. 3. Ensure the correct set of computers displayed is correct for your current configuration. 4. Right-click the scope item (domain or OU) in the left pane and select properties. 5. In the properties dialog, as the Settings Source, select one of the nodes that is properly configured for the Synchronized Repository settings (in particular, the multicast address) 6. In the Synchronized Repository Configurations section at the bottom of the properties page, for each of the three selectable values for Repository Name (TPS_ComponentInfo, TPS_SysEvt, and TPS_SysEvtExt), set the value of Maximum Response Time (ms) to 250. 7. Click OK or Apply, which causes the Save Common Configuration dialog to appear. This dialog will list all the nodes the above settings will apply to. Check the list, and if any nodes are red, determine the cause, and get them back on-line if possible, as this timing change will not be applied to nodes that are not running, only to the nodes that have the status Connection OK. Click the OK button to apply the changes. For each node that displays Connection OK, the status should change to 8. Configuration information was changed successfully. 9. Once this process has completed, click the Close button.2/28/2014 12:05:37 AM.

PAR	Description
1-1EYHNCP	**Error Indication**: Missing Managed Component alarm in alarm summary. **Description**: Sometimes the MANCOMP is not shown when a network failure occurs (such as disconnecting one of the FTE cables). **Recovery**: Restart System Event Provider. **Workaround**: Same as the recovery.

System Repository

PAR	Description
1-1RTR2H5	**Error Indication**: CDA disconnects seen when performing "Load with contents" of a controller. **Description**: CDA disconnects were seen when doing "Load with contents" of a controller having a huge amount of heavy strategies (1000+ RCMs) is done on a heavily loaded setup. **Recovery**: Perform switchover of servers to recover from the CDA disconnect if the recovery doesn't happen automatically. **Workaround**: The workaround to avoid this issue is to download the strategies under the controller in smaller chunks instead of doing a "Load with contents" for the controller.
1-3ILK9CN	**Error Indication**: Failed to get the parameter information from System Repository for Parameter. **Description**: Failed to get the parameter information from System Repository for Parameter error for CEE SCADA points on reload after modifying the previous CEE SCADA in Expressions. **Recovery**: Close control builder, invoke again and load. **Workaround**: None.

OPM-Upgrade Tool

PAR	Description
1-3N3C5RD	**Error Indication**: Readiness Check of C300 controllers having 500 or more references blocks goes to Pending state2. **Description**: One or more L1 or L2 node in Upgrade Tool goes to pending state on a relatively larger system with controllers having 500 or more references blocks . 3. **Recovery**: Relaunch Upgrade Tool and follow the steps mentioned in Workaround. **Workaround**: • After Readiness check enumeration, for the C300 which have more reference blocks, unselect the readiness check. Are there any dangling control connections and proceed. • Run ECC to identify the dangling control connections.

ETN-Enhanced TNode Virtualization

PAR	Description
1-3NGCUTW	**Error Indication**: Native Window Access level shows OPR (Operator) irrespective of Signon Manager access. **Description**: In case of a FTE connection reset (both Yellow and Green cable Disconnect/Connect), it is observed that sometimes Native Window access level shows OPR irrespective of the Signon Manager access level. **Recovery**: None. **Workaround**: • Close the Native Window and re-open to get the correct access level. • or • Log-off and log-on again to the system.

2.2

CDA-Embedded

PAR	Description
1-15CPF6R	**Error Indication**: You notice that connection to C200E is in RED state and all the IOs in the C200e do not give any value and display data access of these IOs shows reverse video. **Description**: On removal of Enet module the C200e connection is lost. **Recovery**: There is no specific recovery mechanism for this scenario, one way to ensure any connection loss for C200e, Enet module must be verified if it is connected properly or not. **Workaround**: None.
1-1NJX441	**Error Indication**: Noticed un-command shutdown ACE nodes during stable run. **Description**: This error is observed on stable system run, when ace.exe process shuts down you try to restore the check point and activate them to make them work properly. **Recovery**: Restore check point of ACE nodes and make the controller active. **Workaround**: None.
1-NI0RKX	**Error Indication**: Momentary failure in exchange block communication with C300/C200E & PLC 5/PLC5550. **Description**: Momentary failure in exchange blocks communication with C300/C200E & PLC 5/PLC5550 observed while C300 connected through ENET, C200E to PLC5 while connected through Control net, C200E connected to PLC5550 through remote chassis. **Recovery**: This error is a temporary condition and recovery happens automatically. This error does not have any major impact on the execution. **Workaround**: None.
1-QL372H	**Error Indication**: Parent phase block displays that child activity already exists. **Description**: The phase block is out of sync with the child activity **Recovery**: The child RCM will need to be executed then aborted and reset. After this the parent Activity will take control of the child RCM. This has a greater chance of happening on an inter cluster peer to peer configuration. **Workaround**: None.
1-VI032H	**Error Indication**: Connection will be disconnected for 7 seconds to exchange block during C300 switch over when exchange block configured on different FTE community. **Description**: Seven seconds connection loss is observed for exchange blocks during C300 switch over when exchange block configures on different FTE community. **Recovery**: Automatic recovery after 7 seconds. **Workaround**: None.

1-3OO0E8N	**Error Indication**: LOV and LOC observed on C300 while doing continuous switch over (Power switchover). **Description**: C300 switchover by cutting down the primary controller power, there was a LOV and LOC observed after it has switched over about 200 times (Primary restarted 200 and Secondary restarted 200 times). The C300 is configured with the max load as specified in the PCT spec. **Recovery**: Stop the switchover and restart the Controllers. **Workaround** : None.

CDA-Server

PAR	Description
1-1EE8TQT	**Error Indication**: New devices added to the Experion network are not detected in FDM, also any existing device removal do not dynamically get updated in FDM. **Description**: This error occurs in a scenario where dynamic loading/ unloading of device and dynamic removal/connection of devices happen. **Recovery**: If its redundant software mux, you have to stop the software mux service on primary which enables software mux to switch over to back up . On non redundant system, you have to rebuild network after stopping the software mux service to recover from this issue. **Workaround**: None.
1-1JLODM1	**Error Indication**: You can notice that the connection to FIM4 fails on Load while active operation. **Description**: This error occurs in scenario where cable is disconnected from yellow CF9 and you try to perform Load while active operation, the load fails. **Recovery**: No Recovery. **Workaround**: Reconnect the Yellow UPlink cable from CF9. the connection is restored.
1-1LSM0ZQ	**Error Indication**: You may notice server lost data connection to CDA after server failover from Server B to Server A. **Description**: After server fail over from server B to server A, continuous data disconnect is observed. **Recovery**: Synchronize the server and do fail over to server A. **Workaround**: None.
1-1U5Z8ST	**Error Indication**: CDA Server stops responding during normal operation. **Description**: pscdasrv.exe(CDA Server) terminated unexpectedly during a stable load with ActivityCreate/Delete. This may result in loss of view condition. The probability of this occurrence is very low. **Recovery**: Manual Start of EPKS Control Data Access service. **Workaround** : None.
1-SZJRS9	**Error Indication**: Peer to Peer between 2 SIM C300 nodes does not work. **Description**: After rebooting the SIM node and checkpoint restore, it is observed that Peer to Peer between 2 SIM C300 nodes does not work. **Recovery**: Restart the Primary Server. **Workaround**: None.

1-WCPMRX	**Error Indication**: Console CDA crashed after deleting OPCG & ICG. **Description** : CDA on console station crashed, after deleting OPCG and ICG. This may result in loss of view condition. The probability of this occurrence is very low. **Recovery** : Manual Start of EPKS Control Data Access service. **Workaround** : None.
1-Y3OQTM	**Error Indication**: You may see reverse videos on Display and may view loss of trend values. **Description**: During normal operation, the servers may lose view to the L1 network in a situation where an unresponsive component exists around CDA Server. This may be because of a faulty device, too high communication load. This may result in a loss of view condition. **Recovery**: Remove the device/node that causes unresponsiveness or reduces the communication load to be within spec. Stop/Restart EPKS Control Data Access service. **Workaround**: None.

CDA-Control Data Access

PAR	Description
1-MXX9XL	**Error Indication**: CDAsp on a SIM node stops responding if there are 10 or more SIM nodes configured on a single SIM node and all of them have a p2p reference to Safety Manager. **Description**: During loading CM's to SIM nodes which have a p2p configured to Safety Manager, cdasp on the SIM node might crash if there are 10 or more SIM nodes are created on the same node. **Recovery**: none **Workaround**: Do not configure 10 or more SIM nodes on a single machine and all initiating
1-N2IKQ7	**Error Indication**: You may see reverse videos on display and may observe loss of trend values. **Description**: During normal operation, the servers may lose view from the controllers under very high communication load situation. This may result in a loss of view condition. **Recovery**: Manual. Stop/Restart of EPKS Control Data Access service. **Workaround**: None.
1-NE4TG3	**Error Indication**: Loss of View observed or Server failover is observed. **Description**: If for any reason, the primary CF9 loses power and switches over to the partner CF9, you may notice Loss of View to the controllers in the cluster. In case of redundant Servers, you may notice that Server has failed over. **Recovery**: For non-Redundant Servers, restart the Control Data Access Server service manually if not already running. For Redundant Server setup, if Server has failed over, go over to the old Primary and restart the Control Data Access Server service manually if not already running. **Workaround**: None.

1-P9OBD9	**Error Indication**: The Server may lose data connection to the Controller and result in LOV. **Description**: If there are multiple controllers switching over simultaneously, this will cause a burst of alarms to be regenerated which may affect the data connection to the controllers that are not switching over. **Recovery**: Automatically recovers after few seconds **Workaround**: None.
1-UNZ125	**Error Indication**: None. **Description**: Removal of cable from QCS node will not be detected in Experion station. **Recovery**: Since this feature is not supported there is no specific recovery mechanism. When you detect that the values do not get updated in QCS, one way to recover is manual verification of the cables, ensure that the cables are connected and working. **Workaround**: None.
1-VK9U47	**Error Indication**: LOV observed and controller status shows red in control builder. **Description**: You may see reverse video for display data access, and controller status shows red in Control Builder. **Recovery**: Switchover the Server A where this issue is observed or you must start the CDA server manually in case of permanent LOV observed. **Workaround**: None.

C300 Controller

PAR	Description
1-OBTIOP	**Error Indication**: In Control Builder, C300 block is red but CEE block is green. platform block parameters are not available. **Description**: A network loop, possibly between two CF9s, is creating excessive traffic, resulting in high CPU load, CEE/control parameter access is given higher priority. **Recovery**: Remove loop. May have to switchover or power cycle the affected module. **Workaround**: When performing network maintenance, be careful to not connect cables between switches, especially CF9s, that create a network loop.
1-OF7R1R	**Error Indication**: Different communications are observed after powering up a C300 controller. **Discription**: Experion embedded nodes when powered up may not properly detect duplicate IP Addresses. They will attempt to join the network, and this willo disrupt communications with the other already-running node(s). However, the FTE Status Display will correctly report duplicate device index. **Workaround**: Keep a record of assigned addresses to avoid duplicates.. Verify through the FTE status display that the intended device index is free. **Recovery**: change the device index on the newly powered node and reboot/ power cycle it.

CEE-Database

1-SMAA33	**Error Indication**: CHECKBOOL.IN[1] parameter does not take input when written through OPC gateway. **Description**: This error occurs when flag block's input in ACE is connected to a source like flag in C300 controller using OPC gateway. **Recovery**: None. **Workaround**: None.
1-VPKU61	**Error Indication**: DP_NUMBER parameter is not visisble on monitoring side of ISO_5167_DUAL block. **Description**: DP_NUMBER parameter is not visisble on monitoring side of ISO_5167_DUAL block. There is no harm to control. Internally DP_NUMBER parameter takes intended vlaue. **Recovery**: None. **Workaround**: None.

Control Builder-Fieldbus

PAR	Description
1-107BU07	**Error Indication**: EPKS is unable to differentiate the case-sensitive units like mpa & Mpa, Mg & mg. **Description**: Experion displays selected units as Mpa and value is process with unit mpa. Same is the case with other units which differs with case-sensitive. **Recovery**: None. **Workaround**: None.
1-1ZQHZDT	**Error Indication**: "Unspecified FMS Initiate" error message is displayed while loading CM. **Description**: When you triy to make Azbil FF device as the Link Master the error is displayed. **Recovery**: Acknowledge the message and try the workaround. **Workaround**: Try keeping the FIM or other devices as Link Master.
1-1ZQHZJN	**Error Indication**: Method Manager application stops responding. **Description**: Method Manager stops responding while executing "Test Key 2" method of Sensor TB block. **Recovery**: Kill the process using windows task manager (or) wait until error info is generated. Clean the database locks to continue executing other methods. **Workaround**: None.
1-MDH0OZ	**Error Indication**: Cannot use a block from one FF link in a CM on a different link (6L.101.10746) **Description**: It was observed, CM with FF device function block assigned to FF link is not able to re-assign to any other CEE (like C300 or ACE) of other controllers. But other way i.e from C300 to FF link working fine. And CM under FF link is not able to un-assign as well. **Recovery**: Acknowledge the error message. **Workaround**: Create a new CM in the C300 and re-assign the FF blocks.

1-MW3V5X	**Error Indication**: FFBlock from 1 FFLink can be Used in CM assigned to other FFLink in a specific scenario. **Description**: Reassigning the CM(Which is having FF device function blocks) from c300 to FIM FFLink is allowed.But it must not be allowed. **Recovery**: None. **Workaround**: None.
1-OYOV8F	**Error Indication** : Replacing FF device with identical FF device fails with the following error "Device offnet". **Description** : The replacement wizard will throw error saying "EXPKS_E_NonExistentDevice (2L .101.3311)3051_1402_P1_7: Device does not exist" **Recovery**: Acknowledge the error. **Workaround**: Attempt the replacement of the same device once again from FF device replacement menu, Replacement is succeeded.
1-OYUXXR	**Error Indication**: Device replacement fails saying device not found error (Device off net). **Description**: Device replacement fails saying device not found error (Device off net). **Recovery**: Acknowledge the error and close the replacement wizard **Workaround**: Manually change the device tag and address before device replacement/Perform second attempt of the same device replacement.
1-PAAF0B	**Error Indication**: Trying to simultaneously load the same FIM from different Control Builders may result in Load Failures. **Description**: Multiple, simultaneous loads to the same FIM from different Control Builders impacts the devices on the FIM Links when you attempt to load. **Recovery**: Multiple, simultaneous loads to the same FIM from different Control Builders can have several unexpected side effects, including inability to load, "device does not exist" error, "parameter not found in database error", and device not seen in Control Builder. **Workaround**: The best course of action is to attempt an immediate reload of the failed block from a single Control Builder. There are several warnings in both the Experion Standard Operating Procedures Guide which states, "Maximum number of clients that can perform controller-related database operations on the same controller at the same time: 1". Mutliple, simultaneous you must avoid loading to the same FIM at the same time.
1-Q322Y2	**Error Indication**: FF Device delete operation from monitor view fails with DB query execution error. **Description**: Deletion of FF devices from Control builder monitor view fails in database query execution error and all the devices showed in RED from monitor view with error 7005. **Recovery**: Close and re-open the Control Builder and reload the devices from project view or forcedelete the devices from monitor view and load again. But, 1st recovery option seems more appropriate to avoid any DB inconsistencies and load the SR to proper state. **Workaround**: None.
1-T9A7RI	**Error Indication**: Method execution failure. **Description**: Method Execution failure for Function blocks. **Recovery**: None. **Workaround**: None.

1-T9CEKR	**Error Indication**: Method Execution Aborts. **Description**: Method Execution Aborts for method "Test V Item" of transducer block. **Recovery**: None.
1-TGJO3P	**Error Indication**: Method Execution Fails. **Description**: Method Execution fails with "Built-in error" for some of the methods in TMT 162 Rev2 device **Recovery**: None. **Workaround**: None.
1-TP28YN	**Error Indication**: "Macrocycle exceeded limit" while try to load the a CM with signal characterizes block of the device. **Description**: "Macrocycle exceeded limit" **Recovery**: None. **Workaround**: None.
1-TVXKWL	**Error Indication**: Reloading of FF FB having connection with SCM forcing schedule in monitoring to NO_OPT. **Description**: Reload the CM having FF AI function block having connection with SCM is forcing the optimized schedule to Non-optimized in monitoring database. **Recovery**: Reload both SCM and CM together, this will bring back the schedule to OPT. **Workaround**: Reload both SCM and CM together, this will bring back the schedule to OPT3/11/2013 5:24:02 AM, NRAMAIAH:Reload both SCM and CM together, this will bring back the schedule to OPT
1-3E9JFPF	**Error Indication**: Diagnostic Parameter values are not displayed for their E&H Levelflex FMP5x FF device in Experion Control builder. **Description**: Diagnostic Parameter values are not displayed for their E&H Level flex FMP5x FF device in Experion Control builder. **Recovery**: None. **Workaround**: None.

Control Builder-Bulk Build/Edit

1-11SICGP	**Error Indication**: Control Builder stops responding. **Description**: While performing bulk edit operation, Control Builder stops responding with Run time error. **Recovery**: Close and re-open the Control Builder. **Workaround**: None.
1-12Y56T9	**Error Indication**: Improper warning or failed error messages are observed during save to ERDB operation of various workflow of Bulk Configuration Tools. **Description**: The error messages like *Entry does not Exist*, configuration related errors are displayed with Failed status even though the save to ERDB is successful. **Recovery**: Ignore the improper errors with status as failed. **Workaround**: Same as recovery.

1-3ILPKOZ	**Error Indication**: HART channels are not displayed in the Bulk Edit list. **Description** : Hart channels are not displayed in the bulk edit list. You cannot edit the HART channel parameters. **Recovery** : None. **Workaround** : Use Bulk Configuration Tools->Bulk Edit work flow.
1-3JZ83JT	**Error Indication**: Display of error message "Runtime Error R6025 - Pure Virtual Function Call" during Bulk Edit on update Monitor of CHANNUM. **Description**: The error is displayed due to an internal error that is causing the issue. This issue is not reproducible on demand. **Recovery**: Retry Bulk Edit. **Workaround**: None.
1-3NHR0K1	**Error Indication**: "*Save to ERDB failed* error is displayed. **Description**: If you do not specify the new channel names for the Replica IOM in the configuration sheet, the existing channels in Typical IOM is moved to the replica IOM. **Recovery**: Reassign the channels to Typcial IOM using Bulk Edit. **Workaround**: Provide new channel names in the configuration sheet so that the new channels are created and assigned to new IOM.

Control Builder-Configuration Form

1-12RNGG1	**Error Indication**: When you perform controller migration you will be able to close the Configuration Studio. **Description**: While performing Migration of Controllers, closing of configuration must be restricted. Closing of Configuration studio while performing migration of controller leads to incomplete migration of Controllers. **Recovery**: None. **Workaround**: You must not close the Configuration studio during the migration of Controller.
1-1A4KN3Z	**Error Indication**: There are two Error indications: 1. Control Builder stops responding 2. Two different IO channels with same number **Description**: Two different IO channels of same IO module are showing same IO channel number during Series C IO channel assignment, after the strategies exported from TP 5.4 and imported in TP 6.1. Also one of the channel still hold the last assign channel block name even though it already unassigned. Control builder also got crashed when we were trying to assign any of these two channels. **Recovery**: None. **Workaround**: None.
1-1T9HS0S	**Error Indication**: No Units are showing for Bearing PV in the Control Builder. **Description**: Wireless Vibration Transmitter has a vendor provided units for Bearing PV which are not shown/supported in the Control Builder. **Recovery**: None. **Workaround**: For you to check the ZFS user interface understand the configured unit for Bearing PV.

1-3IK19PU	**Error Indication**: Redundant FTEB is not created and redundancy functionality is not available for imported FTEB. **Description**: When a non redundant FTEB is created and is attempted to convert to redundant then secondary FTEN is not created. Also redundancy functionality is not available for imported FTEB. Assigning C200E redundant module to FTEB sometimes creates the secondary controller as unassigned. **Recovery**: Create a new FTEB module as redundant instead of creating it as non redundant and then converting it to redundant. **Workaround**: Create a new FTEB module as redundant.
1-RZZXUB	**Error Indication**: Maintenance Mode change is not reflected back in ST800 DTM in FDM, when the change is done while the DTM configuration is open. **Description**: From Control builder for ST800 device, if the channel's parameter 'PVSOURCE' is changed from AUTO to MAN, the display shows 'Available for Maintenance'. Again change from MAN to AUTO, the display removes the 'Available for Maintenance'. This is not updated in DTM configuration form when you do the operation while DTM screen is in open state in FDM. **Recovery**: None. **Workaround**: Before performing the required PVSOURCE change in Control Builder, close the corresponding ST800 DTM in FDM. Once the desired change is done, then re-launch the DTM in FDM to view the change in Maintenance Mode.
1-UPBZT1	**Error Indication**: When entering base IP address with lowest octet other than multiple of 10, then the address is replaced with lowest octet as multiple of 10 and throws error message 12613. **Description**: While entering the base IP address 10.66.51.128, CB is throwing error message 12613. and the address is directly replaced by 10.66.51.130. **Recovery**: Change the base IP address with lowest octect of multiple of 10. **Workaround**: Configure the base IP address with lowest octect as multiple of 10.
1-W92HO6	**Error Indication** : Local UDP Listeners has only 4 entries for C300 and other FTE nodes. **Description**: For C300 and other FTE node types, on its form, navigate to "UDP/TCP" tab. You will see that for "Local UDP Listeners", there are ONLY 4 entries. In C300, there are more than 4 that may be used and it is impossible to see all of them. Even trying to use bigblue will not help since the array index in the def file is set to 4, so, one will get an error trying to read this parameter for index > 3. **Recovery**: None. **Workaround**: None.

1-Z3FUD5	**Error Indication**: Assigning CMs with particular CDB blocks to ACE/ C300 failing. **Description**: After importing attached CM files, when trying to assign the CM to C300/ACE it fails to assign and shows CDB not compatible with execution environment. **Recovery**: Since this happens only for particular CDB blocks, the below compatible platforms must be added in CDB def xml file and then it can be imported. <CompatiblePlatform>C200</ CompatiblePlatform><CompatiblePlatform>C300</ CompatiblePlatform><CompatiblePlatform>SCE</ CompatiblePlatform><CompatiblePlatform>C200E</CompatiblePlatform> **Workaround**:Add the below lines in exported CDB Block's def xml file and then import it. Then it will allow CM to be assigned to C300. <CompatiblePlatform>C200</ CompatiblePlatform><CompatiblePlatform>C300</ CompatiblePlatform><CompatiblePlatform>SCE</ CompatiblePlatform><CompatiblePlatform>C200E</CompatiblePlatform>

Control Builder-Batch

1-13BFFO7	**Error Indication**: Proxy CBR is not listed after the validation of Proxy CBR. You cannot configure it manually. **Description**: If you create and validate new Proxy CBR in local cluster (for Newly created CBR in remote cluster), the Proxy CBR does not list in Unit function reference point picker and it is not validated manually as well. **Recovery**: Delete the proxy CBR from Control Builder and re create the proxy CBR. **Workaround**: Same as recovery.
1-WJV6I5	**Error Indication**: An orphan activity will be created in the orphan activity summary display. **Description**: After Terminal Stop command given to PROC layer Activity and it finishes, UPROC layer Child activity is listed under orphan activity summary. CEE and UPROC MR show activity associated with them too. **Recovery**: Remove the orphan activity from the orphan activity summary display. This will resolve the issue. **Workaround**: None.
1-XFDMT9	**Error Indication**: No error displayed, The default value of new parameter added in the phase block is not displayed in datablock. **Description**: In Datablock default value is not populated for the newly added parameter for a phase block. **Recovery**: Open the PDE of phase block and deselect the Use Value reference option and save the Phase block. then open the Datablock of receipe. Observe that default value is displayed for newly added parameter.then open the phase block in PDE and select the "Use value reference" option and save the PDE **Workaround**: None.

1-ZESYD7	**Error Indication**: Reverse video observed in Child RCM and Child SCM detail display during ICPP runtime. **Description**: It is observed that Parent navigation option does not exist after navigating to Child detail display **Recovery**: Go back to parent detail display through back button in Station tool bar. **Workaround**: None.

Control Builder-Load/Upload/Update

1-13TQQLP	**Error Indication** : "*Out Of memory* pop up or *Last minute catch of unexpected exception* in error logs is generated. **Description**: *Last minute catch of unexpected exception* is displayed due to excessive memory usage when lot of bulk database operations have been done without closing Control Builder. **Recovery**: Manually close Control Builder.exe via the Task Manager. **Workaround**: Close and open Control Builder, then try to load the strategies.
1-1RT7EKD	**Error Indication**: SQLServer.exe consumes lot of CPU time on performing Load With contents. **Description**: If the number of strategies loaded exceeds the DFS spec, the load dialog could become unresponsive for a prolonged time. **Recovery**: Cancel the load and perform the load operation by selecting the strategies in small numbers. **Workaround**: Perform the load operation by selecting the strategies in small numbers.
1-3EG37WV	**Error Indication** : Error "Comm Path is not set up for secondary C300 Controller " displayed during load. **Description** :This error occurs during the load of redundant C300 controller, but occurs ocassionally. **Recovery** :None. **Workaround**: Uncheck and check the "Module is redundant" option in C300 main configuration form and try reloading.
1-3J99M63	**Error Indication**: Mismatch between QVCS version number and mismatch in configurations on the IOModule between the project and monitoring side . **Description**: Revert to version & load of IOM is updating the version only.But content remains same on monitoring. **Recovery**: This can be recovered either by making the configuration changes of the IOM in project side to match with monitoring side and then reload the IOM . Or Delete the configuration changes which are different from project side IOM I,e(by deleting the channel blocks from monitoring side) and then reload the IOM. **Workaround**: Do Not revert QVCS version of IOM when there is configuration mismatch between project and monitoring .

1-3M63XJF	**Error Indication**: Checkpoint restore operations failed entries in the Control builder error log for specific IOM. **Description**: Dataflow stops if checkpoint restore for specific IOM fails. The checkpoint restore for specific IOM fails ocassionally. **Recovery**: This can be recovered by Reloading the corresponding Output channels or Reload the CM's Containing or referring channels. **Workaround**: None.
1-3MCY1VN	**Error Indication**: An error is prompted while loading the CEE " Too many activities.Registration has been rejected". **Description**: Load while active in CEE does not work after modifying the no of activities on a loaded CEE and will require a re-load. **Recovery** : Reload the CEE to get the correct statistics information updated in CEE which will inactivate and activate the Control Strategies running under that CEE. **Workaround**: None.
1-SJ4W66	**Error Indication**: C300 synchronization fails. **Description**: After loading a CM containing DO channels connected to DEVCTL blocks, synchronization breaks between C300s when the IOM containing the loaded DO channels does not exist. **Recovery**: The C300 Synchronization will restart automatically and complete successfully. **Workaround**: To prevent this situation, do not load a CM containing DO channels connected to DEVCTL blocks unless the IOM is present.
1-TNX8CL	**Error Indication**: Control Builder crashes when trying to re-load a strategy with dangling connection. **Description**: Control Builder crashes when trying to re-load a strategy with dangling connection. **Recovery**: None. **Workaround**: Remove the dangling connection and reload the CM.
1-3E4HHLP	**Error Indication**: Controller will inactivate and re-activate CMs. **Description**: During load of controllers having same device index across clusters are loaded , it leads to the loaded controller inactivating and reactivating the CMs in the other cluster. **Recovery**: The Controller recovers automatically. **Workaround**: Ensure same device index is not used across clusters for the controllers.

Control Builder-Profibus

1-16JFE8J	**Error Indication**: You are able to delete the first item from any grouped modules when there is a DSB associated with that NETTAG. **Description**: It must give an error popup message (for example, "You have made a change to I/O definitions that has PDC references in the Control Application.") when you try to remove an item from the grouped modules when there are PDC references. Currently it allows to remove the first item from the group where as it works as intended when deleting other modules than the first one. **Recovery**: Re-configure the modules **Workaround**: Re-configure the modules

Control Builder-Delete

1-1A27Z5V	**Error Indication**: Cannot force delete the offline device from monitoring tree **Description**: Unable to delete OW Adapter device from CB tree monitoring when the device is in offline state. 'Force Delete' option does not appear for OW Adapter device which is in offline state. **Recovery**: Check if device is powered off or run out of battery. **Workaround**: None.

Control Builder-Chart

1-1A58B5B	**Error Indication**: IOP details are missing for PMIO channels. **Description**: After assigning unassigned channels multiple times in CM Loaded C200 with IOLIM and PMIO shows IOP details are missing on the assigned channels. **Recovery**: None. **Workaround**: None.
1-1P915L9	**Error Indication**: After adding a phase block with function reference into a Master Recipe chart, saving the Master Recipe, closing and opening the Master Recipe again sometimes crashes Control Builder. **Description**: After adding a phase block with function reference into a Master Recipe chart, saving the Master Recipe, closing and opening the Master Recipe again sometimes crashes Control Builder. Opening Control Builder again and opening the same Master Recipe chart will work. **Recovery**: Open Control Builder again and open the Master Recipe chart again. **Workaround**: None.
1-Q2XSJX	**Error Indication**: Chart Visualization displays in Point detail displays sometimes take 10-20 seconds come up. **Description**: Chart Visualization displays in Point detail displays sometimes take 10-20 seconds come up. **Recovery**: None. **Workaround**: Open the monitoring side charts from Control Builder for the same point to view the details.
1-3L4KQ9D	**Error Indication**: In certain scenarios REF parameter defaults to UDT template name. **Description**: Manual configuration of REF parameter. **Recovery**: Re-enter correct REF value. **Workaround**: Use Point Picker to enter REF value rather then typing manually.

Control Builder-Change Parent/User Defined Template

1-1PQWSTZ	**Error Indication**: Duplicate phase block created due to change parent in specific scenario. **Description**: Change Parent operation for phase block creates duplicate copy in the chart. **Recovery**: Delete the duplicate phase block. **Workaround**: Delete the duplicate phase block.
1-3Q0K7WY	**Error Indication**: On performing Change Parent(CP) of UDTCM1 to be the child of UDTCM2 both configured with old style channels AIChannel->PID->AOchannel blocks, CP fails with unexpected error in case there is an instance for the UDTCM1 and if there is no instance, then shows error "Existing background connection exists...". **Description**: Doing a change parent operation between two UDTs containing Channel blocks throws an error. **Recovery**: None. **Workaround**: None.

Control Functions - Continuous

1-1VV0U7L	**Error Indication**: OVRDSEL block does not propagate override initialization correctly in some configurations when cascaded with another OVRDSEL block. **Description**: The issue is manifested when the strategy has cascaded OVRDSEL blocks (to support more than four inputs in override selection strategy). When an upstream OVRDSEL is not selected by a downstream OVRDSEL block, all of the non-selected block's inputs must be subject to override feedback initialization. The issue is that all inputs of the non-selected OVRDSEL block except the locally selected input experiences override initialization. **Recovery**: None. **Workaround**: None.

Checkpoint

1-286ELKP	**Error Indication**: Checkpoint Service stops responding. **Description**: While performing stability run with auto checkpoint tasks scheduled, checkpoint service crashed after long run. **Recovery**: Automatically checkpoint service gets restarted after the crash. **Workaround**: None.
1-2BCAB6J	**Error Indication**: Checkpoint service stops responding. **Description**: Checkpoint services.exe crashed during stabilty run of HTS-PC -SYS1 (R430 TP8.1 Tools patch-3c. **Recovery**: Automatically checkpoint service gets restarted after the crash. **Workaround**: None.

1-TK8YFP	**Error Indication**: Checkpoint file is in "Incomplete state". **Description**: After loading a contoller with CMs configured, restore window is showing checkpoint file is in incomplete state **Recovery**: Perform a manual checkpoint Save and try again the checkpoint restore operation. **Workaround**: Perform a manual checkpoint Save and try again the checkpoint restore operation.
1-3OYICAZ	**Error Indication**: Increase of private bytes of checkpoint service observed in perfmon tool. **Description** : This issue will be encountered in large system set up running over a prolonged period. **Recovery** : Restarting the checkpoint service will free the private bytes. **Workaround** : None.

Control Builder-HART

1-3ILPL1F	**Error Indication**: An issue is observed in listing Smart Channels in Synchronize Maintenance Mode dialog. **Description**: When you log in through local Engineer account, Synchronize Maintenance Mode dialog does not list Smart Channels and clicking on the dialog throws exception. **Recovery**: Close the Control Builder and open Synchronize Maintenance Mode dialog from Administrator account. **Workaround**: Open Synchronize Maintenance Mode dialog from Administrator account.
1-3IW5W4I	**Error Indication**: Synchronize operation in Synchronize Maintenance Mode dialog fails. **Description**: When IOM switchover is in progress, Synchronize operation of Maintenance Mode dialog is failing. **Recovery**: Close the Maintenance Mode dialog, wait for IOM switchover to complete, then Open Maintenance Mode dailog and do Synchronize. **Workaround**: Perform Synchronize operation in Maintenance mode dialog once IOM switchover completes.
1-3LZALJS	**Error Indication**: Enabling of "Enable Auto Detection" feature throws "Configuration mismatch" error. **Description**: After loading HART IO channels, Enabling of "Enable Auto Detection" checkbox from HART Status tab of IOM Properties from monitoring side throws Enabling of "Enable Auto Detection" error message. **Recovery**: Close the error message and proceed. **Workaround**: None.
1-SHYPIT	**Error Indication**: FF and Hart DD import function is not working with Engineer login. **Description**: It was observed FF and Hart DD import is not working with Engineer login. If I click on DD import icon it throws an error Failed to read FF attributes SQL database from server . **Recovery**: None. **Workaround**: None.

Control Builder

1-G3WCZ1	**Error Indication**: When attempting to enable/disable FF maintenance alarms from chart tabs in Station:- checkbox values may not change unless you change the tabs and return. Some bit checkboxes may fail to get enabled. **Description**: See error indication. **Recovery**: See workaround. **Workaround**: Open the equaivalent tab in Control Builder monitoring side and enable/disable maintenance alarms there.
1-I3GBVR	**Error Indication**: When system was idle for hours after opening CM in Console, stops Responding Control Builder. **Description**: Chart View of control builder is opened for 10 CM's in console with 3 GB RAM. Keeping system idle for three hours crashes control builder automatically. System was in base load with cycles scripts running. **Recovery** : None. **Workaround** : None.
1-LH4MXJ	**Error Indication**: While importing the database (corrupted) having phase block without library name, it throws error while importing. **Description**: While importing the database (corrupted) having phase block without library name, it throws error while importing, a phase block with empty library name is created in database. **Recovery**: Contact TAC team to get the script to fix this issue for the particular build. **Workaround**: Run ECC before migration, if any phase block without library name is present in the database is listed out. - contact TAC team to get the script to fix this issue for the particular build.
1-O3WK4X	**Error Indication**: The Remote Shed option "Normal Shed, No Return" option does not work in Cerabar_S 05 Rev. **Description**: The Remote Shed Option "Normal Shed, No Return" of PID Block of E&H Cerabar_S Rev 05 sheds to Actual Mode "AUTO" and Target Mode "AUTO" when the intended behavior is Actual Mode "CAS" and Target Mode "CAS". The normal Mode "CAS" is selected. Actually when this option is selected, in case of a failure of remote input (RCAS_In or ROUT_In) the next lower priority Non-remote mode must be selected as target than the actual mode. **Recovery**: None. **Workaround**: None.
1-PJDOPP	**Error Indication**: In CB/RB while generating report(Paginated Text) for SCM/RCM with a same name(an existing report name) an eror is generated "Crystal Reporting Export: File I/O error". **Description**: In B/RCM while generating a report(paginated Text format) for RCM/SCM/MR with a same name(already on report with a file name exist in same path). It generates a error "Crystal Reporting Export: File I/O error" **Recovery**: NONE **Workaround**: You can provide a different file name for the report generated while saving or you can change a directory path for the given file name. This issue can be avoided by giving a new file name or changing the directory path of the report.

1-PM89OX	**Error Indication**: PVSOURCE option is not grayed out in PA channel instances even though all options including PVSOURCE parameter is defined in PA channel template. **Description**: PVSOURCE option is not grayed out in PA channel instances even though all options including PVSOURCE parameter is defined in PA channel template. **Recovery**: None. **Workaround**: None.
1-QLJ7FD	**Error Indication**: Few methods are not working in Magnetrol TA2 Rev1 in R400.2 TB **Description**: Following Methods are not working for Transducer Block(a) Zero Power Test.(b) Low Cal Validation.(c) High Cal Validation. The method will keep on running endlessly in the Experion host with no results. **Recovery**: None. **Workaround**: None.
1-RDTD13	**Error Indication**: Method manager fails to execute the methods. **Description**: Method manager fails to execute the methods. **Recovery**: None. **Workaround**: None.

Control Builder-Load

1-KKLCSZ	**Error Indication**: Reload of a loaded C200E causes "unexpected error" to be shown. **Description**: During the load of C200E this error is shown occasionally. **Recovery**: Close the error dialog and reload. **Workaround**: None.

Control Builder-System Repository

1-PV3SMT	**Error Indication**: Peer-to-peer communication between CEE controller and Experion Server points (SCADA, DSA, TPS, OPC, OPC Advanced point) fails with NaN values. **Description**: If a server with incomplete information in System Repository (System Repository sync state can be observed from Server Redundancy page) takes over the Primary role then, there is a high likelihood to lose Experion Server points information in System Repository resulting in peer-to-peer communication failures between CEE controller and Experion Server points. **Recovery**: None. **Workaround**: None.
1-Y390VS	**Error Indication**: When QCS subsystem tries to validate points in Server through SR at a high rate, failures are seen. **Description**: When QCS subsystem tries to validate points in Server through SR at a high rate, failures are seen. **Recovery**: Do a Stop and Start of Experion Server from "Start-Stop Experion PKS Server" tool to recover. **Workaround**: None. Lowering the number of non CEE point handle requests to SR per second would avoid this.

Control Builder-Assign

1-TETYQT	**Error Indication**: The Print Preview is crashing the Control Builder. **Description**: In Experion R410.1 , The Print Preview is Crashing the Control Builder. This is happening only when Macrocycle chart view (double click on the segment) is opened and Print Preview is clicked. Control builder crashes both from Monitoring and Project side. also the Print option does not print any details or chart regarding Macrocycle (both monitoring and project side). **Recovery**: None. **Workaround**: None.

Control Builder-Search

1-UXS811	**Error Indication**: Display of error message "Search will be aborted due to server connection timeout error" during simultaneous execution of Where Used Search and Online Data Search from Configuration Studio on the Primary server. **Description** : The error is displayed since the services "Experion PKS Browser Orchestration" and "Experion PKS Browser Support Service" are stopped in the Primary server on which the search is executed. **Recovery** : Restart the services "Experion PKS Browser Orchestration" and "Experion PKS Browser Support Service" on the Primary server. **Workaround** : None.

Control Kernal

1-XGHDCZ	**Error Indication**: An alarm generated from CAB function block may appear active in Station, though it is in normal condition. This can be cross verified by monitoring faceplate of the CAB function block. **Description**: If an active alarm generated by CAB function block is returned to normal condition while C300 switchover is in progress; there is possibility that this particular alarm still appears as active in station. **Recovery**: Toggle ALMENBSTATE parameter of CM containing CAB function block. This will trigger a re-notification of alarm state to station. **Workaround**: None.

Control Builder-Point Picker

1-ZA0E2F	**Error Indication**: HMIWeb Display Builder stops responding. **Description**: HMIWeb Display Builder stops responding when ActiveX Control-Textbox is placed on Display. **Recovery**: None. **Workaround**: None.

EIP-COMMUNICATION

1-11RAB1P	**Error Indication**: 3 to 5 seconds delay in establishing connection to the EIP IO's on reloading the EIP IO's from monitoring side. **Description**: This delay is not easily visible, and happens only if there is some EIP IO on the monitoring side which is not powered up or not present on the network. **Recovery**: Automatically recovers. **Workaround**: None.

Embedded Controller/Gateway Platform

1-1LSBQ9M	**Error Indication**: After switchover or power cycle, a C300, FIM4, FIM8 or PGM2 pair stops communicating. **Description**: An unknown condition has caused a duplicate IP Address situation that shuts down network communications. The node display of one or both may show "DUP". CTools may show one or both nodes at the same IP Address. **Recovery**: Warning: You may lose your configuration and have to reload from Control Builder. Power cycle the backup of the pair and wait to see if the condition clears. If it does not, then power cycle the primary. If this does not clear the problem, power cycle both together. Contact the Technical Assistance Center and report the problem. **Workaround**: None.
1-2ED9BQB	**Error Indication**: Loss of communication with Ethernet/IP device. **Description**: Any break in the communication path to a singly-attached device may take up to a minute for FTE to resolve, if there is an alternative path. **Recovery**: An alternative path is resolved and the connection is restored after a minute. **Workaround**: None.

Enterprise Model Builder

1-BBESLV	**Error Indication**: Assets can be downloaded to Server by you without having engineer access. **Description**: Same user name has been used to create user accounts on two different servers. The privileges provided to you is different in both servers. In one Server (Server1) you have Engineer privilege whereas in the other server (Server2) you do not have Engineer privilege. Adding both Servers to the system of Server1, the system model or assets model can be downloaded to both the servers. **Recovery**: Ensure that the user accounts having the same user names in different servers have the same privileges. **Workaround**: None.

1-J3B3SH	**Error Indication**: In a dual primary scenario while migrating form R400.1 to R410.1 release, the Assets or Alarm Groups configuration builder launched from ServerA indicated that the connection is made to the primary server. The OPM status is indicated in the status bar. However instead of indicating secondary server the status bar shows that the connection has been made to the primary server. **Description**: In a dual primary scenario while launching the Assets or Alarm Groups Builder, it is expected that the status bar on the right bottom corner must indicate OPM and Secondary Server connection status. In this scenario you see a primary server connection indicated on the status bar. In this scenario, the configuration change is not allowed at this time as the OPM status is enabled. This is a cosmetic anomaly and you can ignore the indication on the status bar. **Recovery**: None. **Workaround**: None.

EBM-Controller

1-NDXIBN	**Error Indication**: Loss of inter-community peer-peer communications. **Description**: Powering down the top-level yellow switch disrupts communications through the level 2.5 router. **Recovery**: Correct network condition. **Workaround**: None.
1-3KNG8RZ	**Error Indication**: EXECSTS of transition block does not reflect the current status of transition block. **Description**: EXECSTS of transition block is stuck on previous bad status and does not return the current status of transition block even if the bad condition is return to OK. **Recovery**: None for activity or class based recipe. For instance based recipe running without activity, inactive the recipe block and reactive the recipe block. **Workaround**: Use either SO of transition block (for example, scm_name.transtion_name.so) or EXECSTS of the specific condition (scm_name.transition_name.c[1].execsts) in required evaluation.
1-NW1WPL	**Error Indication**: No error is displayed to the user. An RCM starts running like it has acquired equipment properly when in fact it hasn't. **Description**: An RCM is configured to acquire a UCM. The RCM is started and acquires the UCM. The UCM is inactivated and deleted. The RCM is aborted, inactivated, activated, and started. The RCM does not try to acquire the UCM again before it starts. In this case it cannot acquire it because the UCM was deleted. **Recovery**: None. **Workaround**: Once the RCM is inactivated, reload it before you activate it again.

1-PK1QJ5	**Error Indication**: After performing freeze and switchover , when a new activity is created and started, it is struck in Acquiring Resource in Pre-Exec State. **Description**: When an OPM is performed on a controller having an MR with multiple CR's running, the old CR's get removed as expected but after OPM newly created Activities are not executing, they are struck in Pre-Exec state with Acquiring Resource as Info. **Recovery**: None. **Workaround**: Remove the CR. Inactviate and Actviate the MR then Create a new CR.
1-3QM82LT	**Error Indication**: A step block displays an error of 2447 when trying to set a unit. **Description**: You are unable to select a unit. **Recovery**: Abort the strategy. **Workaround**: None.
1-LU37LJ	**Error Indication**: You may observe that some activities you thought you created do not show up in the activity summary display. The same activity detail display may update from multiple activities which may cause incorrect to be presented. **Description**: Scenario:- RCM_1 is running and it is acquired (either by another recipe or an activity). RCM_2 is trying to acquire RCM_1 (RCM_2 is in RCM_1s arbitration queue, or listed as an un managed conflict). Idle->Cold start the controller. Command RCM_1 to start. RCM_1 will reuse its Activity ID. **Recovery**: There are no user steps for recovery. Once RCM_1 is run a second time after the cold start, the problem will correct itself. **Workaround**: Do not idle the controller when RCMs/SCMs are not in a terminal state.I.E. Do not idle the controller when RCMs are in the running state.

EBM-Tools

1-NS6M1L	**Error Indication**: Load operation fails to load or does not give any error for the updated range values of formula parameters in Data block/phase block. **Description**: Loading of an RCM configured with the phase block having invalid range values for its parameters does not give any errors and the updated values are not reflected on monitoring side. **Recovery**: None. **Workaround**: None.
1-O0GF6A	**Error Indication**: Key parameters in Table view display. **Description**: When batch is executing across clusters such as parent and child are in different clusters, the key parameter in table view of the parent recipe that display child recipe key information could display. **Recovery**: N/A. **Workaround**: You must click the blank area which is right above key parameters. This allows you to navigate to the child recipe detail Display which displays all the information of the child recipe including the key information.

1-PADH2J	**Error Indication**: Running SCM after CP Save/ Restore after LWA of Alias may result in harmful effect. **Description** : When LWA is performed for SCM/RCM in active state and it has changes to selected instances in alias table, then selected instances are not loaded but the values in checkpoint are updated. CP save and restore after that may point to the new values. **Recovery**: For such scenario, when LWA is performed for SCM/RCM in active state and it has changes to selected instances in alias table, perform Checkpoint Rebuild after LWA **Workaround**: After CP rebuild, CP save and restore works properly.
1-UMLIDH	**Error Indication**: Proxy blocks are not listed from different release servers. **Description**: ICP2P is not supported on two different releases during configuration time due to GCL connection limitation. **Recovery**: None. **Workaround**: None.
1-VIAD8V	**Error Indication**: The number of activities shown in CEE statics Tab is different from the number of activities shown in Batch tab of CEE. **Description**: The NUMACT value as seen in the Batch Tab of the CEE shows a mismatch with the CEE-Activity Staistics -TOTALACTCAP. **Recovery**: Reload the ACE node in server. **Workaround**:Same as Recovery.
1-ZX2IMV	**Error Indication**: C300 controller and FTEB CPUFREE goes down by 7%-8% when UT is running **Description**: C300 controller and FTEB CPUFREE goes down by 7%-8% when UT is running. This issue is observed for all C300 controller and FTEBs when executing Readiness Check of the controllers/chassis. **Recovery**: None. **Workaround**: None.

Fieldbus Library Manager

1-OMCM9H	**Error Indication**: "Store Echo curve of the Setup" method fails to execute for Vegapuls FF device. **Description**: "Store Echo curve of the Setup" method fails to execute for the following Vegapuls Rev 6 Devices and crashes Methods manager.1) Vegapuls 612) Vegapuls 623) Vegapuls 634) Vegapuls 655) Vegapuls 666) Vegapuls 677) Vegapuls 688) Vegapuls SR 689) Vegapuls WL 68 **Recovery**: Clear the ERDB lock and Invoke the Methods manager again and do not execute "Store Echo curve of the Setup" method. **Workaround**: None.
1-Q407YH	**Error Indication**: Scroll bar is not available & Get string value built-in method is not supported. **Description**: In Method manager, for drop down menu if menu more of option then user has to use scroll bar to scroll down or up, but scroll bar is not available and Get string value built-in method, Experion in unable to read the parameter. **Recovery**: None. **Workaround**: None.

1-R3X0ZN	**Error Indication**: Flow Units and User Units of the Transducer block displays unit as "Kbytes". **Description**: Which is "Kbytes" for "1599". **Recovery**: None. **Workaround**: None.

Fieldbus Interface Module

1-PAPV2D	**Error Indication**: Changing the address or TAG for Un commissioned device is resulting in inconsistent behavior. **Description** : Changing the TAG name and address for two uncommissioned devices with same TAG name and temp address is showing inconsistent behavior as devices end up with same TAG name and address. **Recovery**: Following steps were followed to recover the state: 1. Remove one of the problematic device. 2. Configure and reload the other device. 3. Then connect the first device and reload it. **Workaround**: This issue is observed following issues with other operation. After following steps to recovery, it is not observed.

Fieldbus Interface Module-Series C

1-Y3T5WR	**Error Indication**: Some ST800 Resource block parameters not updating in FDM. **Description**: Some Resource block parameters on the ST800, including Simulation Active and Write Lock, will not reflect updates in FDM if the value changes on the device. If the DTM on FDM is connected to the Device then these parameters will also not appear to update in the Control Builder block configuration pages. **Recovery**: Values update correctly in Control Builder if the DTM is not connected to the Fieldbus device. Close the DTM on the FDM and monitor static parameters through Control Builder configuration forms only. **Workaround**: When enabling Simulation or changing Write Lock of the ST800, close the DTM on the FDM and verify the changes to these parameters through the Control Builder block properties page.

IEC61850_Embedded

PAR	Description
1-3KPXXJX	**Error Indication**: After the first read request error 6520-6530 is displayed. **Description**: The provided SCL file does not match the IED. **Recovery**: The Physical device must be unloaded and the correct CID file must be loaded. **Workaround**: None.

PAR	Description
1-3OZ2O8L	**Error Indication**: Data takes longer than 6 seconds to refresh **Description**: Data takes longer than 6 seconds to refresh, due to some network issue. **Recovery**: 850M recovers on its own. **Workaround**: None.
1-3OGBUW7	**Error Indication**: Secondary 850M fails with error *0x00d2* while reloading multiple IEDs (more than 13 IEDs at once). **Description**: While reloading multiple IEDs from project view after making changes, sometimes, 850M secondary fails with error *0x00d2*. This failure is observed only when you reload multiple devices in a single load operation and is not observed during single device reload. Reloading multiple IEDs at once results in improper stack fragmenting which may be a major contributing factor to this failure. **Recovery**: Reboot the failed 850M module. **Workaround**: Reduce the number of IED devices getting loaded in a single load operation or maintain more than 4.0 mb driver reserved free memory of 850M.

Profibus Interface Modules

1-1275R3B	**Error Indication**: On removal and re-insertion of Profibus cable from both primary and the secondary PGM, output channels become bad in TURCK and SiemensET200M DSB. **Description**: When Profibus cable is removed from primary PGM, switchover is initiated and when the Profibus cable is again removed from the new primary also all the outputs will go bad and is expected. But when the cable is reconnected on both the PGM's, output channels remain bad and does not recover. **Recovery**: It does not recover automatically. **Workaround**: Perform PGM Switchover, all the output channels become good.
1-1WK0AHV	**Error Indication**: During PGM Switchover if a channel goes BAD then all the channels in the grouped PDC will go BAD. **Description**: Upon PGM switchover, just after the secondary takes over the role of Primary and the new secondary is still coming up, at that time if a channel goes bad, then all the channels in that PDC become BAD. **Recovery**: Perform PGM Switchover. **Workaround**: None.
1-3HBNUST	**Error Indication**: After loading link1 master shows as offline with number of configured slaves as zero. Connecting to PGM master in SYCON, error message in link1 shows Timeout while resetting Profibus. **Description**: This is observed in testbed with 125 slaves configured on each link with lots of simulated slaves. Happens only during load so not very critical. **Recovery**: Reboot PGM2,. Switchover PGM in case of redundant PGM. In non redundant case reboot PGM and load. **Workaround**: None.

1-3NEJNEZ	**Error Indication**: Negative enumeration values larger than ENUM64 supported by IEC61850 are not read by Control Builder. **Description**: TYPECONVERT, PUSH and other blocks only support enumerations from 0 - 63. **Recovery**: None. **Workaround**: You must use SCM steps and transitions to read these values or cab blocks.

IXP-Import Export

1-1L2XTPG	**Error Indication**: Error appears as "An unexpected error was encountered" in QVCS window. **Description**: This issue appears in ERDBs migrated from releases before R310.2, with strategies having duplicate FF IO channel names, which are checked in QVCS. When you do a revert operation for the channel or CM from a newer QVCS version to older version, then error appears as 'An unexpected error was encountered" in QVCS window. **Recovery**: Acknowledge the error. Keep the strategy or IO Channel in the source QVCS version itself. **Workaround**: Delete the strategy from monitoring side, re-configure to older QVCS version.
1-28C3M4F	**Error Indication**: After DD import(FF\wireless) QVCS checked in strategies are editable. **Description** : Checked in Control modules (having referece to FF blocks) become editable after performing dd import of the same FF device. **Recovery** : Close and reopen Control Builder. **Workaround** : Close and reopen Control Builder.
1-3IWH9K7	**Error Indication**: Problem is observed after import of CM using IXPTOOL.exe, block connections are missing. **Description**: Export a CM using IXPTOOL.exe.Export is successful. After the Export delete the CM in Control Builder. Import the exported CM using IXPTOOL. Import is successful but when the chart is opened the pin connections in the CM is lost. **Recovery**: Import using Control Builder. **Workaround**: Import using Control Builder.
1-VM137H	**Error Indication**: Error appears as "Entry does not exist [EXPKS_E_CL_ENTNOTEXIST (4L .101.10020)]. **Description**: When we have a tagged basic block which is an embedded child in a CM (for eg: HART AO BLOCK with Hart enabled, embedded and assigned in a CM), importing another CM with an assigned HART AO with the same name fails and connection to the HART AO Block is lost in imported strategy. Error appears as the import failed and there is a name conflict for child blocks. **Recovery**: Acknowledge the error. Re-configure the imported strategy with non-conflicting IO channel name and assignment. **Workaround**: Ensure that there are no name conflicts within child blocks. Need to check the IO Channel names in CMs, correct it before import if possible.

1-WQUL43	**Error Indication**: Error appears with error code "EXPKS_E_IXP_EXPORTBLOCKTYPEFAILED (4L .101.14231)" on Exporting HART template. **Description** :HART IO templates failed to export with an error code on Exporting HART template. **Recovery**: Acknowledge the error by clicking OK. **Workaround** : Close the control builder and reopen once the import operation is completed.

I/O-Serial Interface

1-1PRRY9P	**Error Indication**: Value in device is overwritten by value on Serial Array Channel block. **Description**: The Series A Serial Interface IOM does not support writes made directly to the device and not through the Serial Array Channel block. If a Serial Array Channel is configured with WRITEOPT as "Write on change" and the value in the device is directly changed, the SI IOM will detect the difference and attempt to update the value in the device with the value on the Serial Array Channel input. **Recovery**: No recovery is required. The value in the device will match the value on the Serial Array Channel. **Workaround**: If the value in a device must be different than the last value written through the SI Array Channel block then either: Inactivate the Serial Array Channel and update the value directly in the device. or Change the value on the Serial Arrary Channel and allow the SI IOM to update the value in the device.

Series A IO Modules

1-2IAI1H5	**Error Indication**: PID connected to Series-A AI or AO sheds Mode on switchover. **Description**: If the following actions occur while using the topology of a C300 controlling Series-A I/O through an FTE Bridge module in the I/O chassis and if a Serial Interface Module resides in the same chassis as other Series-A I/O Modules:1) Multiple Serial Interface I/O module blocks are configured to map to the same physical Serial Interface Module in the I/O chassis by using the same FTE Bridge Name and IOM Slot Number.2) Both Serial Interface I/O module blocks are loaded to the C3003) A switchover is performedThen on switchover there may be a momentarily loss of communication between the C300 and other Series-A I/O modules which reside in the same chassis as the FTE Bridge and Serial Interface Module. If a PID block is providing a process value to the Series-A I/O channel this loss of communication may be observed by the Mode of the PID block shedding to Manual.No warning or error is raised during the configuration or load operation of the Serial Interface Module blocks. **Recovery**: Perform all of the following steps: 1. Delete all Control Modules containing Serial Array Channels assigned to both of the Serial Interface Module blocks. 2. Delete both the Serial Interface module blocks. 3. Note: Only one Series A IO Module block may be configured to map to any one physical Series-A IO Modules. a. Identify the correctly configured Serial Interface Module block. b. Load the correctly configured Serial Interface Module block. c. Load all Control Modules containing Serial Array Channels assigned to the correctly configured Serial Interface Module block. 4. Switch off power to the I/O chassis containing the FTE Bridge and Serial Interface Module5). 5. Perform a Checkpoint Restore to the C3006). 6. Switch on power to the I/O chassis containing the FTE Bridge and Serial Interface ModuleFor verification of the recovery perform a switchover of the C300 and verify the connection is not lost to the other Series-A IO modules in the chassis. **Workaround**: To avoid a momentarily loss of connection to Series-A Chassis I/O and possibility of a Mode shed while using the C300 to Series-A Serial Interface Module through FTE Bridge topology take the following precautions: 1. Before loading Serial Interface Module blocks to a C300 verify the path configuration details are not identical to any currently loaded Serial Interface Module blocks. 2. If all the actions have occurred except a switchover has not yet been performed follow the steps identified in the Recovery.

Profit Loop Assistant

1-3KWWNT3	**Error Indication**: Exp R430, Profit Loop, Step Testing Bug in Level Loops **Description**: When step testing level loops (i.e. integrators) there is a problem if you change parameters which effect the future signal generation (PRBS signal). In this case the SP of the loop gets set to match the OP of the process for a single interval and then resumes its step. This can cause a large spike in the SP to the loop if there is a large mismatch between the SP and OP of the loop. This is a problem if any of these parameters are modified during a test: upper/lower bounds of step, estimated response time, move filter. **Recovery**: None. **Workaround**: Do not modify any of the following parameters during a test: upper/lower bounds of step, estimated response time, move filter.

Table View

1-F8BHKD	**Error Indication**: Trendparameter for SCM is not displayed in mini trend display in the station. **Description**: Trendparameter for SCM is not displayed in mini trend display in the station. **Recovery** : None. **Workaround** : None.
1-HI1PMN	**Error Indication**: When Report and Formula parameter is printed for RCM, the report does not show the correct value. **Description**: When Report and Formula parameter is printed for RCM, the report does not show the correct value.Printing the report and formula parameters, does not prints the current value. **Recovery**: None. **Workaround**: None.

PGM

1-I1C2F3	**Error Indication**: CPULoLo Resource and CPU Lo Resorce Alarm is popping while loading DSB's. **Description**: CPU Low resource and Low Low resource alarm is popping in station while loading 5 or more DSB's together as well as during the PGM switch over. **Recovery**: None. **Workaround**: Load DSB blocks in small groups or one by one.

1-MUCYTT	**Error Indication**: Wrong channel status is observed in PDC on PROFIBUS network cable disconnect & reconnect with DP/Asi link offline. **Description**: Basically what is happening here is that DP/Asi link is made offline and then PROFIBUS network cable is disconnected from the device. When the DP/Asi link is made offline all the channel status shows Bad. Now when the PROFIBUS network cable is disconnected and reconnected few channels statuses are showing good which were actually Bad earlier. **Recovery**: If the DP/Asi Link is made online the channel statuses show up correctly. or Perform PGM Switchover. **Workaround**: Perform PGM Switchover. or Make the DP/Asi link online.
1-WDNURN	**Error Indication**: When there is FTE cable disconnect and reconnect, and when the "HoldOnFailure" is not selected for the outputs, the outputs are not initialized with the CHINIT values for the output channels. **Description**: When the FTE cable is disconnected and reconnected and if the Hold On Faliure option for the outputs is not enabled, then the Init values provided in the CHINIT parameter will not be written to the outputs upon FTE cable reconnect. **Recovery**: None. **Workaround**: Hold On Failure option must be used to hold the outputs, the feature of back initializing the outputs with the CHINIT values can not be used for Drives.

Rockwell Network

1-11H1RD1	**Error Indication**: RsLinx does not show the Series A IO/SIM Card with Module Icon. **Description**: RsLinx application does not show the Series A IO/SIM Card with Module Icon. **Recovery**: None. **Workaround**: None.
1-13QB7PX	**Error Indication**: RsLinx automation tool fails when executed. **Description**: RsLinx Automation doesn't stop the required services and throws error **Recovery**: None. **Workaround**: Manually stop the Experion Server logger service from Services.msc application and then re-run this tool. After stopping this service RsLinx Automation works fine.

Standard Series C IO Modules

1-11VNY3X	**Error Indication**: A "Device PV Range Mismatch" alarm is reported. **Description**: When any PV Range extent has a non-whole number value, a "PV Range Mismatch" alarm is reported when one does not exist. **Recovery**: None. **Workaround**: Avoid using decimal values for PV Range extents.

FF-Configuration

1-123KRXP	**Error Indication**: "VCR Limit exceed" error is displayed while loading Fieldbus device **Description**: VCR limit exceed error while loading. **Recovery**: Acknowledge the error. **Workaround**: Cross check if the connections are done within the limitation. if not, try to delete the block and recreate the required connections.
1-14E2RC8	**Error Indication**: None. **Description**: Control Builder allows to un-assign even if the device is loaded. **Recovery**: None. **Workaround**: Ensure the device is not loaded before making any changes in the Project side.
1-3PF1Q5L	**Error Indication**: When user executes Read Echo Curve method for Honeywell GWR level transmitter SLG700, graph does not get plotted. **Description**: The data is not fetched from the Auxillary transducer block for this device while executing the method in Experion. **Recovery**: None. **Workaround**: None.

ModBus TCP Blocks

1-3KTUVO9	**Error Indication**: C300 PCDI CM array Error flag does not turn "ON" when a single Modbus device communication (TCP) is lost. **Description**: C300 PCDI Device disconnect is not updating in a timely manner - can take up to five minutes. **Recovery**: Once the device is flagged as failed - ERROR FLG = "ON" then no recovery is necessary. **Workaround**: None.

Third Party Components

1-2BPGTNP	**Error Indication**: E3 plus relay is in "Blocked Start" state. **Description**: E3 plus relay may trip with `Blocked Start indication during operation even when the motor or starter is not connected to the relay. **Recovery**: The trip condition can be recovered from the Control Builder by giving the "E3[0]: Fault Reset"command through the E3 plus output channel. **Workaround**: Configure the Starts/Hour parameter and the Starts Interval parameters as follows:-Configure the Starts/Hour to allow more starts per hour-Shorten the interval between the starts in the Starts Interval parameterFor more information about troubleshooting related to E3 plus relay trip with aBlocked Start indication, see the E3 & E3 Plus Solid-State Overload Relay User manual from the Rockwell Literature Library.
1-G04A9M	**Error Indication**: BADPV Alarms are reported against CM's using Siemens ET200 IO Module (AI 331-1KF01-0AB0) after PGM Switchover. **Description**: Intermittent BADPV Alarms are logged against Control Modules using Siemens ET200 331-1KF01-0AB0 AI module after a PGM Switchover. No loss of Communication to the device itself occurs or no such event is logged. Problem recovers within a few seconds. However if Control is configured to Shed on a Single BADPV, it will shed. **Recovery**: Recovers automatically within few seconds. **Workaround**: The workaround is not to use module type AI 331-1KF01-0AB0 in redundant systems. According to Siemens data sheet the basic execution time of this module is 488 ms. In case of fail over this time is too long.
1-NMO0DJ	**Error Indication**: Input process data of TURCK IO modules go bad on PGM switchover if one of the Turck gateway modules is removed physically. It is also noticed that outputs are lost on PGM switchover, if the Turck excom gateway module firmware version is less than 2.2.x. **Description**: Input process data of TURCK IO modules go bad on PGM switchover if one of the Turck gateway modules is removed physically. It is also noticed that outputs are lost on PGM switchover, if the Turck excom gateway module firmware version is less than 2.2.x. **Recovery**: None. **Workaround**: It is recommended to have both Turck gateway modules connected physically in Turck excom rack. The Turck excom gateway (GDP-IS) firmware version must be at least 2.2.x. With firmware version less than 2.2.x, the outputs are not lost on PGM switchover if DPV1 is enabled in PROFIBUS device configuration.
1-11KCT39	**Error Indication**: Profibus IO module appears RED on Monitoring with the PFB Communication Status shown as ""PfbOffline and DEVSTATUS parameter of these blocks shows 'PfbNotInRun'. **Description**: PBI_DEVICE blocks go offline and appear in red in monitoring side after load of many remote-chassis I/O including SST block at the same time. This was also seen when chassis IO modules are loaded in a particular order like Pulse input module, then Analog Output Modules and then SST module along with its I/O modules. **Recovery**: Delete all the modules and load the Profibus modules first and then load the other chassis I/O modules. **Workaround**: None.

1-17FPCH	**Error Indication**: Internal error occurs when you try to open the documents related to SST_PFB_CLX in SST Profibus installation CD part nr.705-0004, Rev. 03-02. **Description**: Internal error occurs when you try to open the documents related to SST_PFB_CLX in SST Profibus installation CD part nr.705-0004, Rev. 03-02. Because of this the user documentation cannot be used which will assist in installation or up-gradation of firmware. **Recovery**: None. **Workaround**: Use next version of SST_PFB_CLX in SST Profibus installation CD part nr.705-0004, Rev. 07.10.0.0 where issue is resolved.
1-PPG7GR	**Error Indication**: C200 5ms controller is losing Connection with Server Intermittently resulting in loss of View at Control Builder (everything turns RED at Monitoring side) and Loss of View at Station for C200 Detail Display. **Description**: Loss of View / Server Connection fail on Control Builder & Station for C200 5ms (Non-Redundant), when there is Peer-to-peer (P2P) Connection between C200 5ms & ACE on CNET and cable is disconnected as per below: Remove Control Net Cable A of Non-Redundant C200 5ms & Remove Control Net Cable B of ACE. Remove Control Net Cable B of Non-Redundant C200 5ms & Remove Control Net Cable A of ACE. In the above two Scenarios, Loss of Peer-to-peer data communication between C200 & ACE is observed which is expected. But in this scenario, the C200 5ms is losing Connection with Server Intermittently (disconnects and connects back) and hence resulting in Loss of View at Control Builder (everything turns RED at Monitoring side) and Loss of View at Station for C200 Detail Display. **Recovery**: Reconnect the cables back. **Workaround**: None.

CF-Control Function

1-RTYWYZ	**Error Indication**: Incorrect Event flags are set momentarily in RAMPSOAK block during profile transition. **Description**: During transition from one profile to another, some Event flag of upcoming profile is set to ON for a moment. **Recovery**: The incorrect Event flags state set remain in that state momentarily and recover automatically. The correct profile Event flag is set after the recovery. **Workaround**: None.
1-US3KDR	**Error Indication**: Output of Offdelay block becomes ON after a delay when input is read from sfatey manger. **Description**: A boolean read from the safety manager through ECI gives a wrong behavior on the offdelay function block. When the input is energized the output must energize immediately but in this case the output is only energized after the delay time. **Recovery**: None. **Workaround**: None.

SE-System Engeneering

1-SKJSF4	**Error Indication**: The user may see reverse videos on display, may see loss of trend values. **Description**: During normal operation, the servers may lose view from the controllers under a situation where an unresponsive node may exist in the network. This may be because of a faulty device below the unresponsive node. This may result in a loss of view condition. **Recovery**: Manual. Remove the device/node that is causing unresponsiveness and Stop/Restart EPKS Control Data Access service. **Workaround**: None.

Network-CNI

1-WCZEO9	**Error Indication**: Remote IO communication failed with a CNI Line error 3416. **Description**: Remote IO communication failed with a CNI Line error 3416. **Recovery**: None. **Workaround**: None.
1-XG5K9X	**Error Indication**: CNET cable removal system alarm RTN even though cable fault is live **Description**: CNET cable removal system alarm RTN even though cable fault exists **Recovery**: None. **Workaround**: None.

Network-FTE

1-3G2TAP4	**Description**: **Recovery**: **Workaround**:

I/O-Series C

1-3GAHYYS	**Error Indication**: Outputs that were POWERED when field power was lost will return POWERED momentarily before initializing when power is again restored. **Description**: Unexpected output behavior upon return of lost field power. For more details of anamoly see PN2014-30. **Recovery**: None. **Workaround**: For any output that was POWERED when field power was lost ensure that the output cannot return immediately to the POWERED state when the field power is restored. For more detail on how this can be accomplished see PN2014-30.
1-3I90BL7	**Error Indication**: HART communication errors continuously accumulate. **Description**: AI-HART Analog Input module cannot communicate properly with a WIKA T32 transmitter. **Recovery**: None. **Workaround**: None.

1-3NDHL6P	**Error Indication**: **Description**: **Recovery**: **Workaround**:

ERDB, EMDB, DBAdmin

1-3NDHL6P	**Description**: When we try to connect the Control Builder from Server A which is in R430.1 release, it fails to connect with the following errors:1. ERR_DB_SWITCHTOREPLICA "Failed to connect to primary ER, connected to secondary@@DB_SWITCHTOREPLICA"2. ERR_ERCLI_REQID "Invalid Request Id@@ERCLI_REQID"3. ERR_CBCANNOTLOGON "Cannot connect to database. View Error Log for details.@@CBCANNOTLOGON"4. ERR_PROV_COMINTERFACE "Failed on COM interface.@@PROV_COMINTERFACE" **Recovery**: Same as Workaround **Workaround**: Connect Control Builder from Console/Flex station.
1-3OD3HT0	**Error Indication**: This error occurs when we are trying to Open the Control Builder from ServerA which is in R430.1 release while ServerB has been migrated to R431.1 release. **Description**: When we try to connect the Control Builder from Server A which is in R430.1 release, it fails to connect with the following errors:1. ERR_DB_SWITCHTOREPLICA "Failed to connect to primary ER, connected to secondary@@DB_SWITCHTOREPLICA"2. ERR_ERCLI_REQID "Invalid Request Id@@ERCLI_REQID"3. ERR_CBCANNOTLOGON "Cannot connect to database. View Error Log for details.@@CBCANNOTLOGON"4. ERR_PROV_COMINTERFACE "Failed on COM interface.@@PROV_COMINTERFACE". **Recovery**: Same as Workaround. **Workaround**: Connect Control Builder from Console/Flex station.

Redundancy-RM

1-3OHOIJB	**Error Indication**: RM E054 Fault or EG02 Fault. **Description**: When the RM cannot communicate on a chassis resident module connection and back-plane ping indicates module is present, the RM faults with E054 for this is an illogical condition; an EG02 fault with Data1 set to 0x45303534 indicates multiple faults detected with E054 being the first fault. Both E054 and EG02 are major RM faults that disable the RM from participating in redundancy coordination for the chassis resident modules. When this happens on the Secondary, a loss-of-redundancy occurs. When this happens on the synchronized primary, the synchronized secondary chassis detects primary chassis RM fault and switches to the primary role. However, the successful switchover depends on the original primary chassis resident modules performing self-switchover in the absence of the RM. If any of the original primary chassis modules detect loss-of-synchronization prior to detecting RM removal, the module remains in the primary role resulting in dual-primary. **Recovery**: Power-cycle the chassis with the faulted RM. **Workaround**: None.

2.3

OPM-Upgrade Tool

PAR	Description
1-3N3C5RD	**Error Indication**: Readiness Check of C300 controllers having 500 or more reference blocks go to pending state. **Description**: One or more nodes go to pending state on a relatively larger system with controllers having 500 or more references blocks . This issue can be observed only on R431.1 system. **Recovery**: Close and re launch the Upgrade Tool4. **Workaround**: Perform the following steps : 1. After Readiness check enumeration, for the C300 controller which has more reference blocks, clear the readiness check box, clear any dangling control connections and proceed. 2. Run ECC tool to identify the dangling control connections.

2.4

Server - TPS Integration

PAR	Description
1-3O9NPMP	**Error Indication**: You get *Data entry error* on attempting to change mode of emulated points from Cut Over Display before performing Cut over . **Description**: You observe the error on performing the following steps. 1. HASE (Emulated) points are loaded to C300 controller but CUT OVER from HIWAY to FTE is not performed. 2. Invoke Cut Over Display from Experion Station by entering SYSHSECTMGTB in command prompt. 3. Enter Hiway Number and Box Number in COD Display to invoke faceplates for above emulated points. 4. Attempt to store mode parameter of any of the above points from bottom (CDA) face plates. 5. Mode store is unsuccessful and you get " Data entry error" while attempt to change Mode of emulated points from Cut Over Display before performing Cut over . **Recovery**: None. **Workaround**: Perform the following steps if Application Engineer wants to change Mode of HASE (Hiway Algorithm Slot Emulation) Slot CMs (Emulated Combo points) before cut over. 1. Open Control Builder and Open the appropriate CM (Named as TPN point name). 2. Click on HRB block and click on MODEEM parameter. 3. Change to required Mode (AUTO/MAN/BCAS) Perform the following steps if Application Engineer wants to change Mode of HASE Slot CMs after cut over. 1. If AE wants to change mode of HASE slot CMs from COD then use the top faceplates (TPN) faceplate. or Open Native Window and call Detail Display of the desired point and change the mode.

Server

PAR	Description
1-3PUQQQ5	**Error Indication**: Perfmon logs show increased memory usage for the process hscodbcn.exe. Experion logs show constant authentication of ODBC client connections. **Description**: ODBC driver resource usage can increase if an ODBC client does continuous connect/disconnect. In this case the ODBC driver may eventually terminate and automatically restart. **Recovery**: None. **Workaround**: Decrease the rate at which an ODBC client re-connects to and disconnects from the Experion server. For AEA set the event collection period to 10 minutes.

IEC61850 Client Interface

PAR	Description
1-3S5PF5Z	**Error Indication**: IEC61850 SCADA HCI interface terminates abruptly when logging level is set to 'FLOW'. **Description**: IEC61850 SCADA HCI interface terminates abruptly when logging level is set to 'FLOW'. In this case the interface terminates and restarts automatically. **Recovery**: Same as workaround. **Workaround**: Perform the following steps. 1. Open the corresponding OPC Config.XML that is terminating. 2. Change the Driver log level from FLOW to ERROR as per the following entry. *<DrvrLogLvl btype="Enum" type="LogLvl">ERROR</DrvrLogLvl>* 3. Restart the corresponding driver.

FF Interface Modules

PAR	Description
1-3QIZ2V1	**Error Indication**: During FIM4 failover test of15 FIM4s, 5 FIM4s stops responding with the following error *0x03B3*. Some FIM4s fail after 30 failovers and 2 fail after 100 failovers. **Description**: A crash is observed in Fieldbus stack: *FB_FS 0x0002-C 0x00-T 0xCF-M 166-L 0x0000-C 0x00D1-D* with some kind of time out on fieldbus operation. This may lead to control shed. **Recovery**: Restart the affected module. **Workaround**: None.

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3.2 How to report a security vulnerability

For the purpose of submission, a security vulnerability is defined as a software defect or weakness that can be exploited to reduce the operational or security capabilities of the software.

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- Send an email to security@honeywell.com.

  or

- Contact your local Honeywell Process Solutions Customer Contact Center (CCC) or Honeywell Technical Assistance Center (TAC) listed in the “Support and other contacts” section of this document.

3.3 Support

For support, contact your local Honeywell Process Solutions Customer Contact Center (CCC). To find your local CCC visit the website, https://www.honeywellprocess.com/en-US/contact-us/customer-support-contacts/Pages/default.aspx.

3.4 Training classes

Honeywell holds technical training classes on Experion PKS. These classes are taught by experts in the field of process control systems. For more information about these classes, contact your Honeywell representative, or see http://www.automationcollege.com.