Experion PKS

Experion PKS R500.2 Infrastructure HotFix 2

R500.2

Software Change Notice

July 17, 2019
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Training classes:
Honeywell holds technical training classes on Experion. 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.
Symbol Definitions

The following table lists those symbols used in this document to denote certain conditions.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>![ATTENTION symbol]</td>
<td>ATTENTION: Identifies information that requires special consideration.</td>
</tr>
<tr>
<td>![TIP symbol]</td>
<td>TIP: Identifies advice or hints for the user, often in terms of performing a task.</td>
</tr>
<tr>
<td>![REFERENCE -EXTERNAL]</td>
<td>REFERENCE -EXTERNAL: Identifies an additional source of information outside of the bookset.</td>
</tr>
<tr>
<td>![REFERENCE - INTERNAL]</td>
<td>REFERENCE - INTERNAL: Identifies an additional source of information within the bookset.</td>
</tr>
<tr>
<td>![CAUTION symbol]</td>
<td>CAUTION: Indicates a situation which, if not avoided, may result in equipment or work (data) on the system being damaged or lost, or may result in the inability to properly operate the process.</td>
</tr>
<tr>
<td>![WARNING symbol]</td>
<td>WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in serious injury or death.</td>
</tr>
<tr>
<td>![WARNING, Risk of electrical shock]</td>
<td>WARNING, Risk of electrical shock: Potential shock hazard where HAZARDOUS LIVE voltages greater than 30 Vrms, 42.4 Vpeak, or 60 VDC may be accessible.</td>
</tr>
<tr>
<td>Symbol</td>
<td>Definition</td>
</tr>
<tr>
<td>--------</td>
<td>------------</td>
</tr>
<tr>
<td><img src="image" alt="ESD HAZARD" /></td>
<td>ESD HAZARD: Danger of an electro-static discharge to which equipment may be sensitive. Observe precautions for handling electrostatic sensitive devices.</td>
</tr>
<tr>
<td><img src="image" alt="Protective Earth" /></td>
<td>Protective Earth (PE) terminal: Provided for connection of the protective earth (green or green/yellow) supply system conductor.</td>
</tr>
<tr>
<td><img src="image" alt="Functional earth terminal" /></td>
<td>Functional earth terminal: Used for non-safety purposes such as noise immunity improvement. NOTE: This connection shall be bonded to Protective Earth at the source of supply in accordance with national local electrical code requirements.</td>
</tr>
<tr>
<td><img src="image" alt="Earth Ground" /></td>
<td>Earth Ground: Functional earth connection. NOTE: This connection shall be bonded to Protective Earth at the source of supply in accordance with national and local electrical code requirements.</td>
</tr>
<tr>
<td><img src="image" alt="Chassis Ground" /></td>
<td>Chassis Ground: Identifies a connection to the chassis or frame of the equipment shall be bonded to Protective Earth at the source of supply in accordance with national and local electrical code requirements.</td>
</tr>
</tbody>
</table>
## Revision history

<table>
<thead>
<tr>
<th>Version</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>Release Version</td>
</tr>
</tbody>
</table>
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1 Introduction

1.1 About the document

The Software Change Notice describes the prerequisites, resolved PARs, resolved functional dependencies, applicable nodes, and steps to install/uninstall the Hotfix. The latest version of this SCN is always available on the Honeywell Process Solutions website.

1.2 About the Hotfix

This Hotfix addresses a Safeview PAR. Please reference the PAR list for full details.

1.2.1 Problems resolved

This Hotfix resolves the following issue(s).

<table>
<thead>
<tr>
<th>PAR</th>
<th>Subsystem</th>
<th>Description of problem</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-9QLENXJ</td>
<td>Safeview</td>
<td>Safeview graphical editor removes 'closable = yes;' line from .WDL file when Closable box checked</td>
</tr>
</tbody>
</table>

1.2.2 Known Issues

<table>
<thead>
<tr>
<th>PAR</th>
<th>Subsystem</th>
<th>Description/ Workaround</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1.2.3 Limitations

1.2.3.1 Hotfix removal

<table>
<thead>
<tr>
<th></th>
<th>Automatic</th>
<th>Can be done manually during next upgrade</th>
<th>Must be done manually before next upgrade</th>
</tr>
</thead>
<tbody>
<tr>
<td>[]</td>
<td>[✓]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

1.2.3.2 Hotfix distribution

<table>
<thead>
<tr>
<th></th>
<th>Not Limited</th>
<th>Limited for:</th>
</tr>
</thead>
<tbody>
<tr>
<td>[✓]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

1.2.3.3 Localization

<table>
<thead>
<tr>
<th></th>
<th>Not impacted</th>
<th>Hotfix may contain strings in English. A Localization version to be included in the next release.</th>
<th>Needs additional localization support</th>
</tr>
</thead>
<tbody>
<tr>
<td>[✓]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>
1.2.3.4  Cumulative Hotfix

[✓] Yes.  See Prerequisites
[ ] No

1.3  Before you begin

ATTENTION
Before you install the Hotfix, contact HPS Migration Help Desk. Contact the Help Desk at least four weeks before you install the Hotfix.

1.3.1  Prerequisites

1. Before installing this Hotfix the Windows Firewall must be enabled.
2. This Hotfix applies to all Experion nodes that have release R500.2 installed.

1.3.2  Hotfix installation or migration checklist

<table>
<thead>
<tr>
<th>Task order</th>
<th>Task</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Prerequisites</td>
<td>See section Prerequisites</td>
</tr>
<tr>
<td>2</td>
<td>Applicable nodes</td>
<td>See section Applicable nodes</td>
</tr>
<tr>
<td>3</td>
<td>Installing the Hotfix</td>
<td>See section Hotfix installation</td>
</tr>
</tbody>
</table>

1.3.3  Applicable nodes

This Hotfix is applicable for the following nodes:

<table>
<thead>
<tr>
<th>Node</th>
<th>Is the Hotfix applicable?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Server (EAS)</td>
<td>No</td>
</tr>
<tr>
<td>Application Control Environment (ACE)</td>
<td>No</td>
</tr>
<tr>
<td>Application Control Environment TPN Connected (ACE-T)</td>
<td>Yes</td>
</tr>
<tr>
<td>APP Node (E-APP)</td>
<td>No</td>
</tr>
<tr>
<td>Console Station (ES-C)</td>
<td>Yes</td>
</tr>
<tr>
<td>Console Station TPN Connected (ES-T)</td>
<td>Yes</td>
</tr>
<tr>
<td>Console Extension Station (ES-CE)</td>
<td>Yes</td>
</tr>
<tr>
<td>Experion Server (ESV)</td>
<td>Yes</td>
</tr>
<tr>
<td>Experion Server TPS</td>
<td>Yes</td>
</tr>
<tr>
<td>Node</td>
<td>Is the Hotfix applicable?</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>Enterprise Model Builder (EMB) Server</td>
<td>No</td>
</tr>
<tr>
<td>Enterprise Model Builder (EMB) Client</td>
<td>No</td>
</tr>
<tr>
<td>eServer</td>
<td>Yes</td>
</tr>
<tr>
<td>Flex Station (ES-F)</td>
<td>Yes</td>
</tr>
<tr>
<td>Server TPN Connected (ESVT)</td>
<td>Yes</td>
</tr>
<tr>
<td>Simulation Control Environment (SCE)</td>
<td>No</td>
</tr>
<tr>
<td>Experion HiWay Gateway (EHG)</td>
<td>No</td>
</tr>
</tbody>
</table>

**1.3.4 Supported controller migration paths**

Not Applicable

**1.3.5 Verify the present version on the node**

To verify the present version on the node, perform the following steps.

1. Open windows explorer and browse to the C:\Program Files (x86) \ Honeywell \ Experion PKS folder.
   
   **NOTE:** This location will change based on whether or not Experion was installed on a Custom Install Path (CIP).
   
2. Double click on the file named ‘ProductVersion.txt’ to load it into Notepad.
3. Verify that the file contains the entry starting with ‘++ Hotfix’ confirming the Hotfix which was installed and when the installation occurred.

**1.3.6 Copying and extracting the Hotfix**

Perform the following steps to copy and extract the Hotfix.

1. Log in as administrator.
2. Copy the:
   a. *Experion_PKS_R500_2_Infrastructure_HotFix_2_Download.zip* Hotfix to a temporary folder on the target node.
3. Extract the following files:
   a. *Experion PKS R500.2 Infrastructure HotFix 2.exe*
   b. *Experion PKS R500.2 Infrastructure HotFix 2.xml*
4. Follow Section 2 for Hotfix Installation instructions.
1.4 Change impact
Not Applicable

1.4.1 Control change impact
Not Applicable

1.4.2 Operational change impact
Not Applicable

1.4.3 TPS Displays change impact
Not Applicable
2 Hotfix installation

2.1 Installing the Hotfix

ATTENTION
Before you install the Hotfix, the Windows Firewall must be enabled.

2.1.1 To stop the services

When installing the Hotfix, use the following general procedure to stop services and starting the Hotfix installation:

1. Log in as administrator.
2. Stop all services. To stop services, browse to Start > All Programs > Honeywell Experion PKS > Experion PKS Services Control Panel.
3. The Experion PKS Services Control Panel appears.
4. Select Stop All Services and click OK.

2.1.2 To install the Hotfix

On each computer to receive the Hotfix, perform the following steps:

1. Log in as Administrator.
2. Copy the:
   a. Experion_PK5b_85002_Infrastructure_HotFix_2_Download.zip Hotfix to a temporary folder on the target node.
3. Extract the following files:
   a. Experion PK5b_8500.2 Infrastructure HotFix 2.exe
   b. Experion PK5b_8500.2 Infrastructure HotFix 2.xml
4. Install the Hotfix by double-clicking the
   a. Experion PK5b_8500.2 Infrastructure HotFix 2.exe
5. Verify User Account Control; Select “Yes”
6. Verify WinZip Self Extractor - Select Setup
7. Verify that the experion_wrapper presents a dialog confirming that the system will be scanned and the Hotfix applied. Select Yes to proceed.
8. Verify that the following box shows up in the center of the screen confirming that the Hotfix is being applied. This box will close after the Hotfix has been processed.
9. Verify that the experion_wrapper presents a dialog confirming that the Update Process has been successfully applied. If an error was reported, contact TAC support to assist in examining the error and determining a workaround.
10. Reboot the Computer, Safeview is updated and installed.
11. Validate that the Hotfix has been installed.
2.1.3 To validate the Hotfix installation

To verify the successful installation of the Hotfix

1. Open windows explorer and browse to the C:\Program Files\Honeywell\Experion PKS folder. Please note this path could differ on CIP-based installations.
2. Double click on the file named 'ProductVersion.txt' to load it into Notepad.
3. Verify that the file contains the entry starting with '++ Hotfix' confirming the Hotfix which was installed and when the installation occurred.

2.1.4 Post-installation tasks

Not Applicable

2.2 Migrating controllers

Not Applicable
3 Hotfix removal

3.1 Removing the Hotfix

3.1.1 To remove the Hotfix

![ATTENTION]
The Maintenance Tool will stop all required Services, therefore, manual steps are not necessary.

Un-installation of the Hotfix may be performed by using the Maintenance Tool by performing the following steps:

1. Goto Start/All Programs/Honeywell Experion PKS/ and launch the ‘Maintenance Tool’ using “Run as Administrator”.
2. Select ‘View/Modify Experion Products’.
4. Select and Click ‘Remove’ to Uninstall the Experion PKS R500.2 Infrastructure HotFix 2
5. Select “OK” to continue uninstall.
6. A dialog should appear to show the status of the un-install.

3.1.2 To validate the Hotfix removal

To verify the un-installation of the Hotfix:

1. Open windows explorer and browse to the C:\Program Files (x86)\Honeywell\Experion PKS folder. Please note this path could differ on CIP-based installations.
2. Double click on the file named ‘ProductVersion.txt’ to load it into Notepad.
3. Verify that the file contains the entry starting with ‘-- Hotfix’ confirming the Hotfix was uninstalled and showing the date.

3.1.3 Post-removal tasks

Not Applicable
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