Honeywell

EXPERION PKS

R520 SERVER/HMIWEB UPDATE 6 HOTFIX 2

Software Change Notice

June 2023

DISCLAIMER

Table of contents

1   About this guide

1.1   Scope

The Software Change Notice describes the prerequisites, resolved PARs, applicable nodes, and steps to install/uninstall the update. Additionally, the SCN contains information about the change impact and additional information for this update. The latest version of this SCN is always available on the Honeywell Process Solutions website.

1.2   Revision history

Revision	Supported Release	Date	Description
A	R520.1 R520.2	June 2023	Initial version

1.3   Intended audience

This guide is primarily intended for Honeywell field personnel who install and configure the product.

1.4   Related documents

Not applicable.

2   Introduction

2.1   About the update

This update address problems and offers improvements since release of Experion PKS R520.1/R520.2.

2.1.1 New Features (included from previous update)

None.

2.1.2 Problems resolved

This update resolves the following PARs.

PAR	Customer Impact	Subsystem	Description of problem
1-ICQ8MF	Usability	Station Events	When clicking on station security level with SOM enabled multiple login events are generated.
1-F1SF8SP	Usability	Station Security	Station may get Locked out with Single sign on enabled and simultaneous multi-station login is disabled.

2.1.3 Known Issues

None

2.1.4 Limitations

Update removal

[✔] Automatic	[ ] Can be done manually during next upgrade	[ ] Must be done manually before next upgrade

Update distribution

[ ] Not Limited	[✔] Limited for: SERUM Institute of India Pvt Ltd

Localization

[ ] Not impacted	[✔] Update may contain strings in English. A Localization version to be included in the next release.

Cumulative update

[✔] Yes. See Prerequisites	[ ] No

2.2   Before you begin

2.2.1 Prerequisites

The update must be installed on a node on which the following updates are installed.

Experion PKS R520 Server/HMIWeb Update 6

2.2.2 Update installation or migration checklist

Task Order	Task	Reference
1	Prerequisites	See section Prerequisites
2	Applicable nodes	See section Applicable nodes
3	Installing the update	See section Update installation

2.2.3 Applicable nodes

This update is applicable for the following nodes.

Node	Is this update applicable
Server (ESV)	Yes
Server TPN Connected (ESVT)	Yes
eServer	Yes
Application Control Environment (ACE)	No
Application Control Environment TPN Connected (ACE-T)	No
Simulation Control Environment (SCE)	No

Node	Is this update applicable
Console Station (ES-C)	Yes
Console Station TPN Connected (ES-T)	Yes
Console Extension Station (ES-CE)	Yes
Flex Station (ES-F)*	Yes
Experion Hiway Gateway (EHG)	No
APP Node (E-APP)	No
Application Server (EAS)	No
Collaboration Station	Yes
* Includes Remote Engineering and Station Server (RESS) / Augmented Remote Operations Server (AROS) ^ If R520 Server/HMIWeb Update 3 or later is installed on ACE/ACET nodes, then updating them can be considered optional and be completed with the next Tools/Controller update	

2.2.4 Applicable modules

Module	Is this update applicable
C200 controller	No
C200E controller	No
C300 controller	No
Fieldbus Interface Module	No
Fieldbus Interface Module 4	No
Fieldbus Interface Module 8	No
Fault Tolerant Ethernet Bridge Module (FTEB)	No
Serial I/O Module (IOM)	No
Legacy I/O Module (LIOM)	No

Module	Is this update applicable
PROFIBUS Gateway Module (PGM)	No
SeriesC IO Module	No

2.2.5 Supported controller migration paths

Not Applicable

2.2.6 Verify the present version on the node

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

1. Using Notepad, open the ProductVersion.txt file located in the following path.
   <install folder>\Honeywell\Experion PKS\ProductVersion.txt.

2. Verify the ProductVersion.txt for the following:
   If the following line is present, the node has the appropriate product version to install this update.
   ++Experion PKS R520.1 HMIWeb Update 6 Installed on <date and time>

Note: <install folder> is the location where Experion is installed. For default installations this is C:\Program Files (x86).

2.2.7 Copying and extracting the update

Perform the following steps to copy and extract the update.

1. For each node that needs to be updated, copy Experion-PKS-R520-Server-HMIWeb-Update-6-Hotfix2.zip to a temporary folder on your hard disk.

2. Extract files to a temporary folder on your hard disk. Note down the location of folder for installation.

3. Zip file contains:

   1. Experion PKS R520 HMIWeb Update 6 Hotfix 2.exe

   2. Experion PKS R520 HMIWeb Update 6 Hotfix 2.xml

   3. Experion-PKS-R520-Server-HMIWeb-Update-6-Hotfix2-SCN.pdf

2.3   Change impact

2.3.1 Control change impact

Not Applicable

2.3.2 Operational change impact

Not Applicable

2.3.3 Infrastructure change impact

Not Applicable

3   Update installation

⊙ **ATTENTION**	Please ensure the order in which the update is applied to each node, follows the order as documented in the below update installation instructions.
⊙ **ATTENTION**	Please take note of the downloaded update location before starting the installation steps below.

3.1   Installing the update on all applicable nodes

3.1.1 To install the update

1. Ensure no instances of Station, Display Builder, Configuration Studio, Quick Builder, HMIWeb Display Builder, the Diagnostic Capture Tool or Microsoft Excel are running.

2. On the Backup Server, start the Experion PKS Services Control Panel program (from Start -> Honeywell Experion Tools -> Experion PKS Services Control Panel). Once started, select "Stop All services" and click OK to stop all Experion services.

3. Click Exit to exit the Experion PKS Services Control Panel program.

4. Navigate to the software update package, right click Experion PKS R520 HMIWeb Update 6 Hotfix 2.exe and choose Run as Administrator

5. Click Yes when prompt asked if you want to allow the update to run.

6. Click OK when asked if you want to install the following update. A Command Prompt window with the text "Installing update…" and a few windows installer dialogs will appear. The hotfix should install successfully in few minutes.

3.1.2 To validate the update installation

To verify the successful installation of the update:

1. Using Notepad, open the ProductVersion.txt file located in the following path:

<install folder>\Honeywell\Experion PKS\ProductVersion.txt

2. Verify that the file contains an entry starting with:

"++ Experion PKS R520 Server Update 6 Hotfix2 installed on <install date & time>"

After successful installation, the files extracted for installation are no longer needed. Delete the temporary folder and its files.

3.2 Migrating controllers

Not Applicable

4   Update removal

4.1   Removing the update on all applicable nodes

4.1.1 To remove the update

1. In Window, click on Start menu-> Honeywell Experion Tools -> Experion PKS Services Control Panel

2. Click Yes in the User Account Control dialog to launch the utility.

3. Select "Stop All Services" and click OK.

4. Click on exit to exit the tool once all services have been stopped.

5. Go to <install folder>\Honeywell\Experion PKS\Install\Patches"

6. Right click on "Uninstall_Experion PKS R520 HMIWeb Update 6 Hotfix 2.bat" and choose Run as administrator

7. A Command prompt will open with status of uninstallation. Please don't close the window.

8. Once the update is rolled back to previous state, the command prompt will be closed.

4.1.2 To validate the update removal

1. Using Notepad, open the ProductVersion.txt file located in the following path:

<install folder>\Honeywell\Experion PKS\ProductVersion.txt

2. Verify that the file contains an entry starting with:

"- - <name of update> Un-installed on <install date & time>"

5   Additional information

5.1   Additional information to validate update installation

5.1.1 Component version

This hotfix will install Station and HMIWeb Display Builder components version 6.14.100.806.

5.1.2 PARS included in other patches/releases:

PAR	Customer Impact	Description of problem	Release
1–F1BAEXR	Experion Help	Introduction of UAB has broken the support for custom help in non Experion Station such as QCS Station.	Experion PKS R520 Server HMIWeb Update 6 Hotfix1

6   GTAC Support

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