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New Microsoft .NET Framework related KBs in Dec/13/2022 update impact certain AVEVA software installations

PROBLEM

After applying the December 13, 2022, cumulative Microsoft Windows Update, which includes .NET Framework KBs (KB5020872, KB5020874, etc.), installation of certain AVEVA software will halt at the step where the End-User License Agreement (EULA) is shown. See Figures 1, 2 and 3 (below) for examples. For **Recipe Manager Plus** (RMP), the installation crashes when loading the EULA screen.

AVEVA System Platform and related AVEVA products' installations use the common install toolkit, which provides the End-User License Agreements (EULA) in XPS format. If the installation framework cannot load the EULA, it blocks the installation. At this point you cannot click on the **'I have read and accept the terms of the license agreement(s)'** checkbox. The **Agree** button is also greyed out.

You cannot proceed with the installation and can only click **Exit** to terminate the installation.

The December 13, 2022, cumulative Microsoft Windows Updates affect different AVEVA software installations (shown below) but the issue is not limited to these examples. Other product installations can be affected when using the XPS format in the EULA display.

Also note that this issue is not limited to just the above two KBs but all KBs released on December 13, 2022, for .NET Framework. See the applicable [Microsoft article](#) for more info.

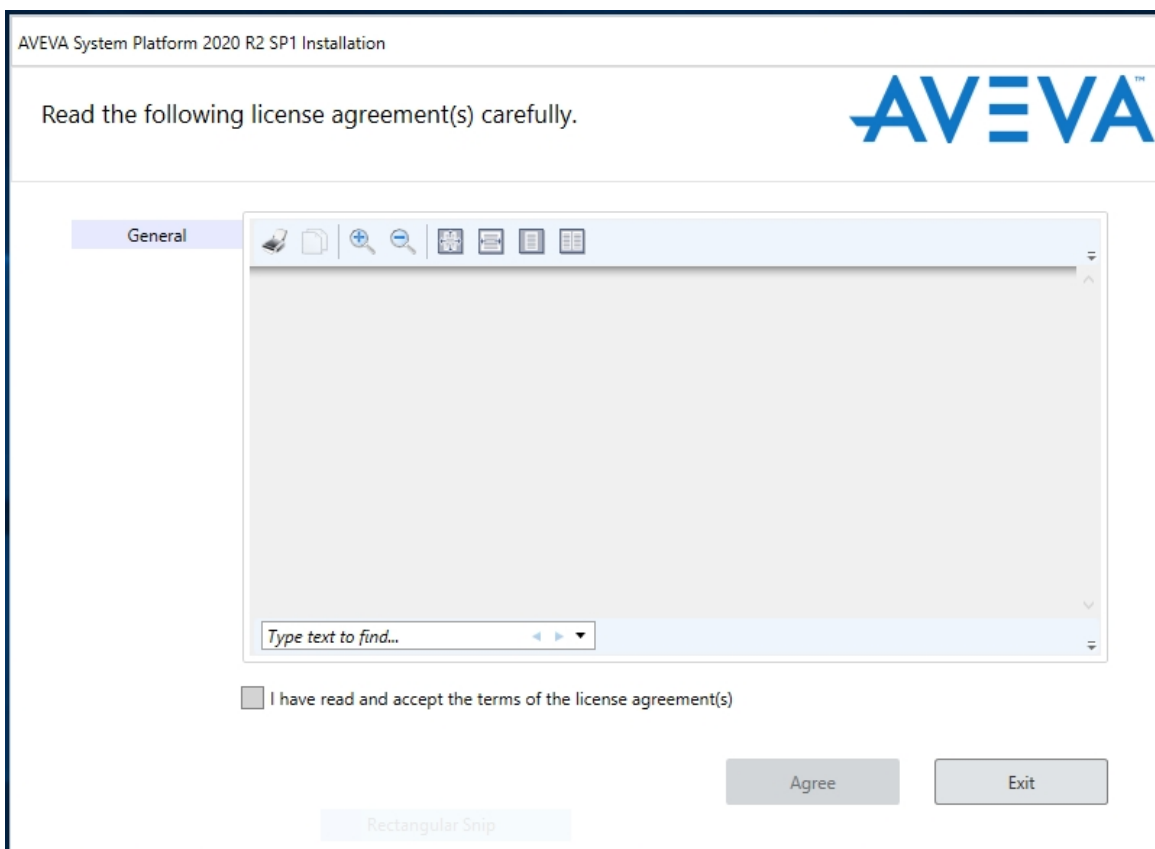


Figure 1: EULA acceptance page from System Platform 2020 R2 SP1 installation

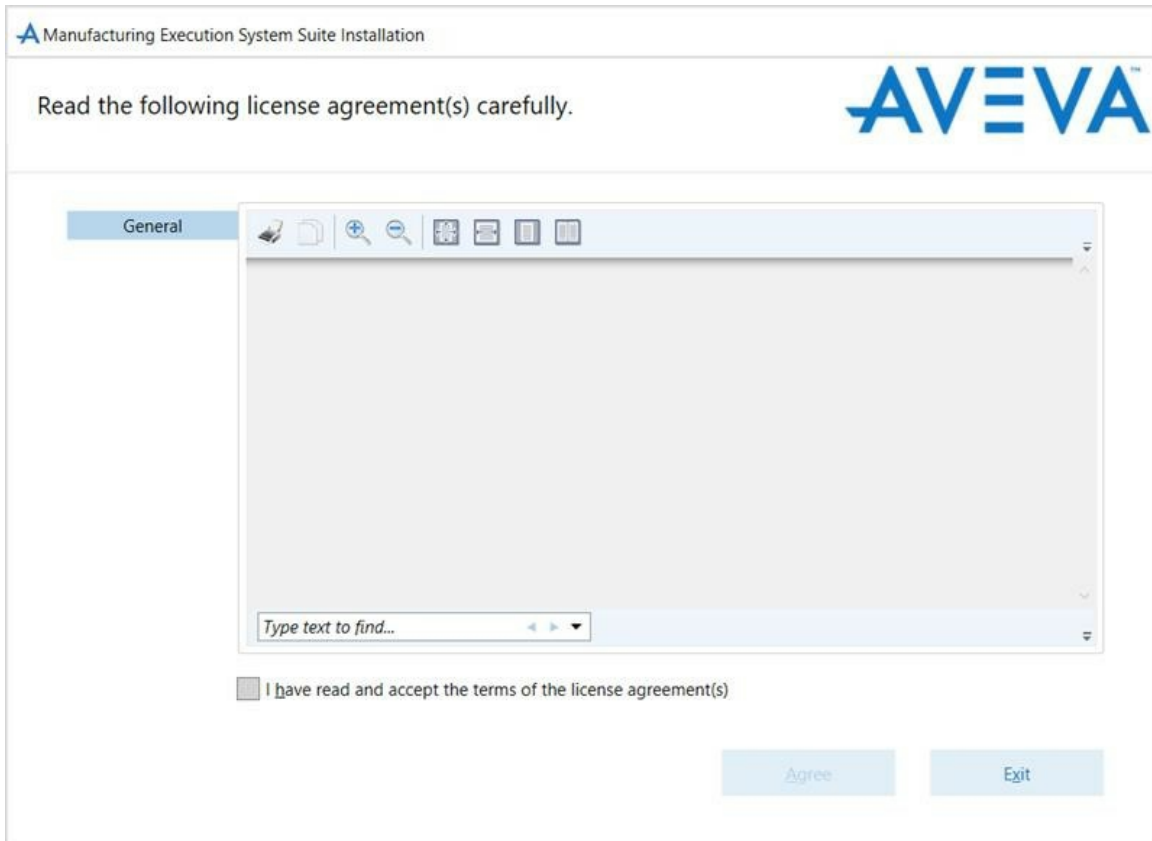


Figure 2: EULA acceptance page from Manufacturing System Execution Suite installation

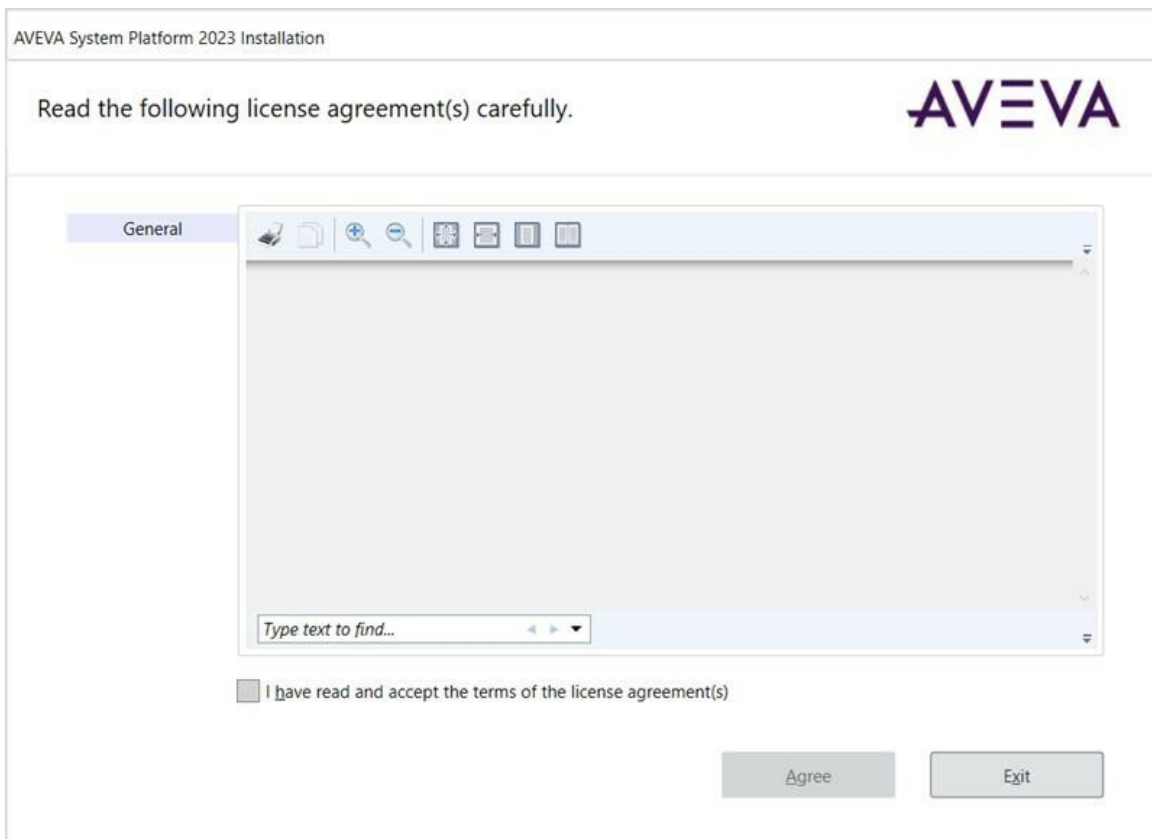


Figure 3: EULA acceptance page from System Platform 2023 installation

WORKAROUND

To circumvent this problem, apply the primary workaround outlined in [KB5022083](#), also referenced here:

Microsoft identified a compatibility workaround for this issue and made a PowerShell script to resolve the issue.

To install the compatibility workaround, complete the following steps.

1. Download the PowerShell script.
2. Open a PowerShell prompt as an administrator.
3. Within the prompt, navigate to the directory where the script was downloaded.
4. Run the command within the prompt: **.\kb5022083-compat.ps1 -Install**.

If the command succeeds, it will print **Installation completed**. to the console window. If the command fails, it will display the reason for failure. To remove the compatibility workaround, follow the same steps as above, but replace step (4) above with: **.\kb5022083-compat.ps1 -Uninstall**.

After the compatibility workaround is installed, WPF-based applications which display XPS documents should continue working as they did before the December 13, 2022 security updates.

IMPORTANT: KB5022083 also lists an alternate workaround. AVEVA does **not** recommend the workaround because of potential inherent vulnerabilities. AVEVA recommends applying only the primary workaround listed in Microsoft **KB5022083**.