

KEPServerEX V5.16.722.0

Install

- The OPC Core Components are now installed when the OPC Quick Client is installed. This allows the OPC Quick Client to browse remote servers if that is the only component installed.
- The install will now notify users when another application is using the Sentinel HASP hardware key. In order for the Hardware Key to be properly installed, it requires that all Sentinel HASP hardware keys be disabled while the install is running.

Application Report

- The Application Report Utility now gathers more information to enable the Technical Support team to better assist users needing support.
 - The utility was enhanced to collect running and core dumps for the KEPServerEX application.
 - The utility now gathers more diagnostic information about the system, including networking, .NET versions, and information pertaining to product licensing and DCOM settings.
 - The utility now remembers the last archive location and allows users to cancel an archive generation in progress.
 - The output archive was compressed and reorganized. Users are provided greater flexibility to manage the diagnostic, EFM, and Historian-related content in the output.

Server Configuration

- Enhanced the tag browser to support both filtering of system and internal tags as well as bulk addition of tags from the branch level.
- Added a status bar that is displayed when tags are moved between devices and tag groups using drag and drop to avoid the appearance of an unresponsive configuration application.
- Fixed an issue that occurred in multiple File Open dialogs where the directory being referenced became the Current Working Directory in Windows and inhibited the directory from being deleted after the operation.
- Fixed an issue where overlapping edits were allowed while the progress gauge was being displayed for a previous edit. Now, only one edit is allowed at a time.
- Changed the Event Log message that indicates when a device was placed in Simulation Mode to tell users to reference the help file to understand how two tags with the same address in a simulated device may be separate tags if the tag scan rate and data types are different. Although this behavior in Simulation Mode is pre-existing, it is unexpected by most users.
- Fixed an issue where undoing the deletion of a device would not display the tags that existed at time of deletion.
- Removed leading or trailing whitespace in group names imported through CSV.
- Fixed an issue that allowed the copying and pasting of a device with an invalid configuration on the last property page. The last page is now verified, and invalid settings are no longer allowed.

Server Runtime

- Added a `_SecondsInError` System Tag to the device that shows the number of seconds the device has been in error state (`_Error` tag equal to 1).
- Fixed an issue where the configuration and runtime could lock-up when a device was repeatedly enabled and disabled.

Quick Client

- Added the ability to optionally use the system's DCOM Configuration settings.
- Added an Expand All option to the OPC Quick Client item browser that expands all branches in the tree.