

Doc Type	Tech Alerts
Doc Id	TA000033204
Legacy Doc Id	
Publish Date	3/8/2022

AVEVA Edge and InduSoft Web Studio issue with Microsoft Update KB5004442

Affected products and versions

- AVEVA Edge 2020 R2 SP1 and older.
- InduSoft Web Studio 2020 R2 and older.

Situation

In June 2021, Microsoft delivered a security update that included the ability to add a registry key to enable the hardening of DCOM as provided in KB5004442 by setting the key to 1 (enable).

NOTE: AVEVA currently recommends leaving the registry setting in the disabled state.

[Link to Microsoft Article](#)

Known issues

This update causes the following side effects:

- OPC DA 2.05 (Legacy) and OPC XML/DA Clients won't be able to establish a connection with remote OPC DA servers.
- Studio OPC DA Server and Studio OPC HDA Server won't be available for remote OPC DA/HDA client connections.

Solution

1. Install KB5004442 on all computers.
2. Disable the DCOM hardening registry key. A reboot is required to apply the update to the registry.

NOTE: As always, AVEVA highly recommends thorough testing of all system updates or KBs in a non-production environment prior to applying to your production environment.

AVEVA Development continues testing for this issue, and the information in this Tech Alert is subject to change. **Subscribe to this Tech Alert to be notified of future changes.**

Additional information

During the timeline phases in which you can enable or disable the hardening changes for CVE-2021-26414, you can use the following registry key:

Path: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Ole\AppCompat
 Value Name: **RequireIntegrityActivationAuthenticationLevel**
 Type: dword
 Value Data: default = not defined or 0x00000000 means disabled. 0x00000001 = enabled.

Set to **0** for Disabled (default prior to Q1 2022 after which time may be enabled by default)

Notes:

- You must provide Value Data in hexadecimal format.
- Enabling the registry key above will make RPC servers enforce an Authentication-Level of PC_C_AUTHN_LEVEL_PKT_INTEGRITY or higher.

Reminder: You must restart your device after setting this registry key for it to take effect.