

TLS versions in Industrial HiVision (08.1.04, 08.2.00 and higher)

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Some older products still require the TLSv1 and 1.1 protocols to be enabled in order to access them using the web interface.

To disable the TLSv1 and 1.1 protocols in Industrial HiVision see the following instructions.

Applies to IHV 08.1.04, 08.2.00 or above.

Industrial HiVision services

Industrial HiVision changes that through an System property

ihv.tls.reenableUnsecureTLSAlgorithms

As default protocols for client and server functionality: **TLSv1, TLSv1.1, TLSv1.2 and TLSv1.3**

The default is **true** if not set and enables: TLSv1 and TLSv1.1 as client and server protocols

To disable these TLS versions you can specify that property in the services.xml

```
"-Dihv.tls.reenableUnsecureTLSAlgorithms=false"/>
```

The image shows a screenshot of a code editor with the file name 'services.xml' in the title bar. The editor displays XML code with line numbers 37 to 53. Line 47 is highlighted in blue and contains the XML snippet: `<arg Value="-Dihv.tls.reenableUnsecureTLSAlgorithms=false"/>`. Other visible code includes service definitions for 'CosNamingService' and 'HiVisionKernelDb', and various JVM launch parameters like '-useMaxMemJvm' and '-Xmx4g'.

Industrial HiVision GUI

To disable these TLS version you have to append following on the shortcuts Target

Typically when the Kernel (you want to connect to) is set to only allow TLSv1.2 / TLSv1.3 the GUI will be forced to use them, based on the server-client TLS negotiation.

`-Dihv.tls.reenableUnsecureTLSAlgorithms=false`

