

Management station/PC shows high CPU load when detecting BAT devices

Hendrik Lepple - 2022-12-01 - Industrial HiVision

If your management station/PC that runs the Industrial HiVision services experiences a high CPU load during discovery of one or more Hirschmann BAT devices, you can perform the following steps to reduce the amount of logical (internal) interfaces being created.

1. Open the 'services.xml' file found in the /config folder under the installation directory
2. Insert the following line into the section 'HiVisionKernelDb' as an xml argument:
`<arg Value="-Dihv.psm.device.suppressInterfaces"/>`
3. Save the document
4. Restart your Industrial HiVision services
5. If necessary delete the BAT devices in Industrial HiVision
6. Detect the BAT devices in Industrial HiVision again.

The 'HiVisionKernelDb' section of the services.xml file should look somehow like this after step 2:

```
<Service Name="HiVisionKernelDb": Enabled="yes" Path="C:\Program Files\Hirschmann\Industrial HiVision 7.1\services\HiVisionKernelDb" Foreign="no">
  <!-- Supress interface creation for BATS -->
  <arg Value="-Dihv.psm.device.suppressInterfaces"/>
  <!-- Parameter for launcher Executable: takes the amount of physical memory and generates a suitable -Xmx value -->
  <arg Value="-useMaxMemJvm"/>
  <!-- also possible: specify amount manually -->
  <!-- <arg Value="9g"/> -->
```