

Configuring the alarm protocol filter for SINUMERIK Operate

The adaptation is made in the file "slaesvcconf.xml".

1. Copy the sample configuration file "oem_alarmprot_slaesvcconf.xml" from the following directory:
/siemens/sinumerik/hmi/template/cfg.
2. Place the file in the /oem/sinumerik/hmi/cfg or /user/sinumerik/hmi/cfg directory.
3. Call the file "slaesvcconf.xml".

A description and examples are provided in the file.

What is important in this case, is that all filters that are generated are linked with OR!

There is already a standard Siemens filter with the following entries:

```
<Filters>
<Siemens_Filter_01 type="QString" value="CLEARINFO NOT 8 AND CLEARINFO NOT 15" />
</Filters>
```

All PLC messages (8) and program messages (15) are displayed.

As all filters are linked with OR, for your own filter, the Siemens filter must be disabled if it conflicts with the configuration.

```
<Filters>
<Siemens_Filter_01 type="QString" value="" />
<Filter_01 type="QString" value="CLEARINFO NOT 8 AND CLEARINFO NOT 15 AND
AlarmID NOT 700000" />
</Filters>
```

Clear criterium (ClearInfo)	Alarm source (Source)	Description
0	HMI	Alarms that are cleared by the HMI.
1	NCK	Alarms that are cleared by a power on of the NCU.
2		Conditions are cleared by a hardware reset of the NCU.
3		Conditions are cleared by a "Cancel" command of the NCU.
4		Conditions are cleared by the NCK itself
5		Conditions are cleared by an "NC Start" command of the NCU.
6		Conditions are cleared by a reset of the mode group (BAG).
7		Conditions are cleared by an "NC reset" command of the NCU.
8	PLC	PLC messages of the FB15 (basic program)
9		PLC alarms of the FB15 (basic program)
10		Dialog alarms of the HMI, which are cleared using the "Recall" key [^].
11		Reserved
12		S7-PDiag, S7-Graph, S7-HiGraph or other alarm_S(Q) alarms of the PLC (SFC17/18) with the alarm status "not acknowledged"
13		S7-PDiag, S7-Graph, S7-HiGraph or other alarm_S(Q) alarms of the PLC (SFC17/18) with alarm status "acknowledged"
14	Drive (NCK)	Drive alarms via NCK
15	NCK	Program messages