

# IEC 61850 User Feedback Task Force - Improvement #673

## CPU monitoring

05/17/2021 10:18 AM - Maud Merley

<b>Status:</b> Resolved	<b>Start date:</b> 05/17/2021
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Category:</b> Standard extension required	<b>% Done:</b> 0%
<b>Target version:</b>	<b>Estimated time:</b> 0.00 hour
<b>ID:</b> 47	<b>To discuss in WG10:</b> No
<b>Source:</b> RTE	<b>Short Proposal:</b>
<b>TF Unique ID:</b> 47 # RTE	<b>Standard(s):</b> TR IEC 61850-7-500
<b>WG10 Proposal:</b>	<b>Needs More Information:</b> No
<b>Estimated Completion:</b>	<b>Assigned TF:</b> 61850-7-500 Ed2
<b>Discuss in Upcoming Meeting:</b> No	
<b>Description</b> Add a LN allowing to monitor CPU state of an IED (CPU load, temperature, available RAM and disc space, ...). These informations could be used in client as local / remote HMI to monitor the substation.	
<b>Related issues:</b> Copied to 61850-7-5 and 61850-7-500 - IEC61850-7-5 #6606: CPU monitoring <b>New</b> <b>05/17/2021</b>	

### History

#### #1 - 05/25/2021 02:27 AM - Carlos Rodriguez del Castillo

- Discuss in Upcoming Meeting changed from No to Yes

#### #2 - 09/28/2021 09:38 AM - Carlos Rodriguez del Castillo

- Category set to Standard extension required

- Status changed from New to Resolved

- Discuss in Upcoming Meeting changed from Yes to No

2021-09-28:

- RTE will send it to 90-29 Physical Resources TF to handle it

#### #3 - 09/29/2021 03:20 AM - Maud Merley

- Proposal descriptions updated

#### #4 - 09/29/2021 03:20 AM - Maud Merley

- Proposal descriptions updated

Proposal sent by RTE to Dehui Chen on 2021-09-29.

#### #5 - 09/29/2021 03:50 AM - Carlos Rodriguez del Castillo

- ID set to 47

- TF Unique ID set to 47 # RTE

TF Unique ID set

#### #6 - 05/09/2023 09:32 AM - Carlos Rodriguez del Castillo

- Needs More Information set to No

#### #7 - 05/09/2023 09:32 AM - Carlos Rodriguez del Castillo

- Discuss in Upcoming Meeting changed from No to Yes

**#8 - 05/23/2023 08:27 AM - Carlos Rodriguez del Castillo**

At the moment it is not being address inside 90-29, they are first finalizaing other physical description first (I/O boards). The idea is to create a healthy high-level information about CPU. More detailed healthy information could be retrieve by means of SNMP.

**#9 - 06/05/2023 01:58 AM - Carlos Rodriguez del Castillo**

- Discuss in Upcoming Meeting changed from Yes to No

**#10 - 11/21/2023 12:54 AM - Vladan Cvejic**

- Discuss in Upcoming Meeting changed from No to Yes

**#11 - 11/21/2023 02:36 AM - Michael Haecker**

Confirm. 90-29 deals with the hardware periphery of IEDs. Board supervision is not in scope of 90-29.

Today, S-group LN classes are only used to model the supervision of EE and we are missing the IED internal data. Some time ago, I suggested to include board supervision in general in the work plan of 7-500, but it could not be considered yet. I still think that we should develop a model.

Let us move this item to TF 7-500 ;-)

**#12 - 11/21/2023 08:39 AM - Vladan Cvejic**

- Standard(s) set to TR IEC 61850-7-500

- Assigned TF 61850-7-500 Ed2 added

**#13 - 11/21/2023 08:40 AM - Vladan Cvejic**

Michael Haecker wrote in [#note-11](#):

Confirm. 90-29 deals with the hardware periphery of IEDs. Board supervision is not in scope of 90-29.

Today, S-group LN classes are only used to model the supervision of EE and we are missing the IED internal data. Some time ago, I suggested to include board supervision in general in the work plan of 7-500, but it could not be considered yet. I still think that we should develop a model.

Let us move this item to TF 7-500 ;-)

Agreed - will be routed to 7-500 Project (copy).

**#14 - 11/21/2023 08:40 AM - Vladan Cvejic**

- Copied to IEC61850-7-5 #6606: CPU monitoring added

**#15 - 11/21/2023 08:40 AM - Vladan Cvejic**

- Discuss in Upcoming Meeting changed from Yes to No