IEC 61850 User Feedback Task Force - Improvement #673

CPU monitoring

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

Status:	Resolved	**Start date:**	05/17/2021
Priority:	Normal	**Due date:**	
Category:	Standard extension required	**% Done:**	0%
Target version:		**Estimated time:**	0.00 hour
ID:	47	**To discuss in WG10:**	No
Source:	RTE	**Short Proposal:**	
TF Unique ID:	47 # RTE	**Standard(s):**	TR IEC 61850-7-500
WG10 Proposal:		**Needs More Information:**	No
Estimated Completion:		**Assigned TF:**	61850-7-500 Ed2
Discuss in Upcoming Meeting:	No		

Description

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.

Related issues:

Copied to 61850-7-5 and 61850-7-500 - IEC61850-7-5 #6606: CPU monitoring	**New**	**05/17/2021**

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