

Does EES25 support the IEEE 1588 Profile for Protection Applications according to standard C37.238 WG?

- 2018-02-09 - HiOS

The answer is YES. The more interesting question is: how.

C37.238 defines several configurations for PTP. Right at release of it, C37.238 was reviewed again.

A profile is a defined setting of variables. This can be done with EES25.

An EES25 with factory defaults must be configured Delay mechanism = peer-to-peer and - on demand for use of VLANs - the VLAN unaware mode must be set, assuming that a non-standardized behavior is demanded to forward VLAN-0- tagged packets because other manufacturers's devices in the network do not behave according to standard.

Activate in web IF menu ""Time - PTP - Global"" PTP and select PTP Mode: ""v2-transparent-clock""

Using the web IF select menu ""Time - PTP - Transparent Clock - Global"" and select

- Delay mechanism: P2P

- Network Protocol: IEEE 802.3 (PTP over Layer 2)