



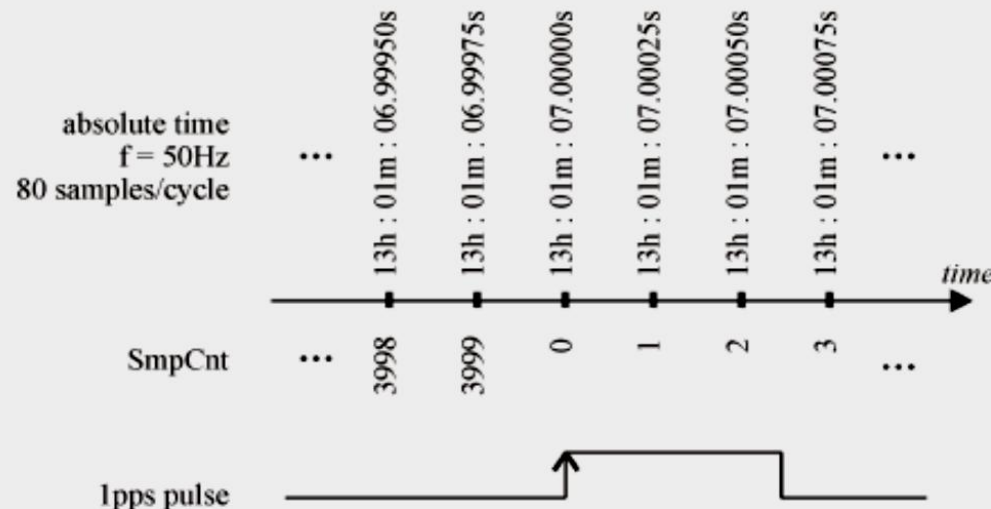
How to judge the sampling data between different IEDs is out of synchronization? And how to perform data compensation processing?

PS 2 / Question 2.5
PAULO JUNIOR (Brazil)



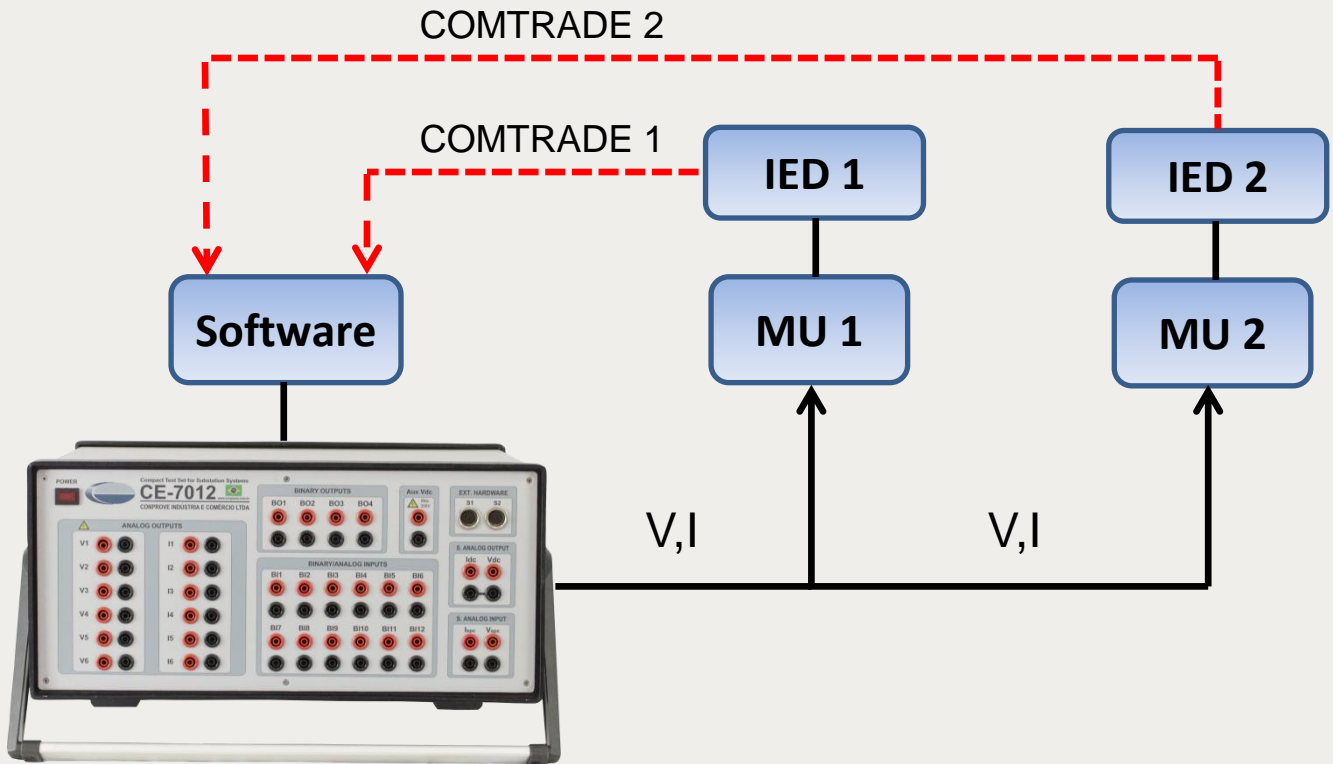
Question 2.5

- IEC 61850-9-2: the **MUs must be synchronized** in time to **guarantee that the SV are processed properly in the IEDs**;
- The sample counter (**SmpCnt**), whose value is incremented for each sample acquired and inserted in the SV frame, **represents the exact moment that each sample was acquired**;
- At each turn of the second, the SmpCnt is reseted.



Question 2.5

- The order of phase sorting signals to the injected sensors, MU Data must be optimized so that during the phase analysis, the phase angle difference between COMTRADE analysis, using this phase difference in the FFT:



Comparing COMTRADE Files

