PS1 – Q1.03 - Which measures could be taken to ensure the reliability, security and performance of the PACS with digital process bus, including non-nominal network and synchronization states? What is the impact of these measures on the design and cost of the PACS ?

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The Network Monitoring as a Solution for a Reliable IEC 61850 Process Bus

■ The **concept of network monitoring**;

■ Several **network aspects must be analyzed** to guarantee the **security**, **reliability**, **speed** and **availability** of the information being transmitted, warning potential communication failures or invasions.

Monitoring events

■ Study case to exemplify an application of a monitoring system.