Paris Session 2022



Implementation of Protection Operation Analysis and Fault Management System Based on Fault Data Aggregation and Detailed Digital Simulation

B5-PS3 10377

Question 3.06: What are your experiences to monitoring of IEC 61850 based PCAS and how you secure the operation of critical infrastructure and respond to

the incidents?

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Group Discussion Meeting



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Protection Operation Analysis and Fault Management System Deployment

Key features:

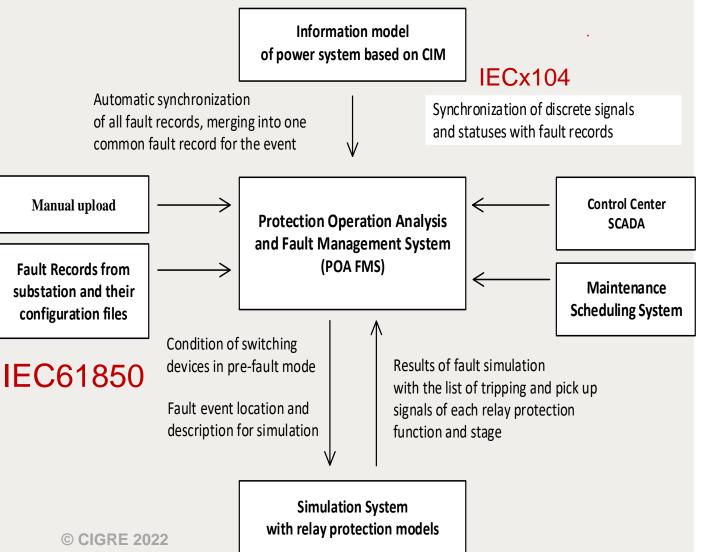
1. automation of data collection

2. data synchronization from SCADA, digital fault recording functions, CIMbased simulation tools

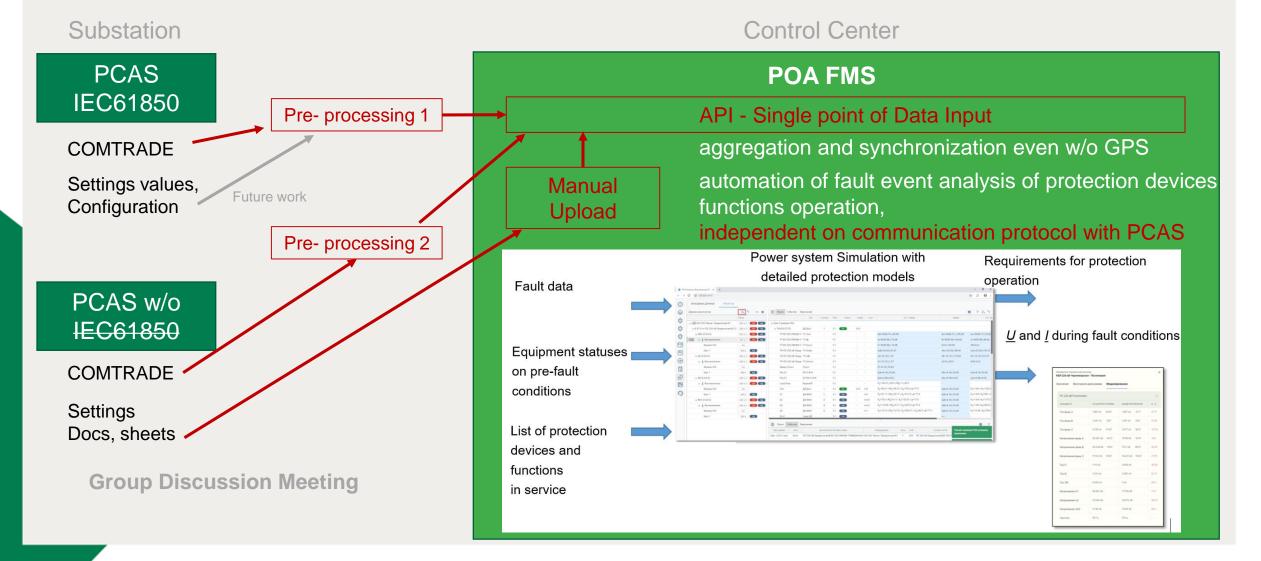
3. aggregation and post-processing of discrete signals, SCADA values, fault recordings and calculated values from transients and short circuits simulation

4. automation of fault event analysis and evaluation of protection devices/functions operation.

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Experience to monitoring of PCAS with and w/o IEC 61850



Infrastructure for Protection Operation Analysis and Fault Management System

