

# Paris Session 2022



## Collect data to optimize maintenance schedules

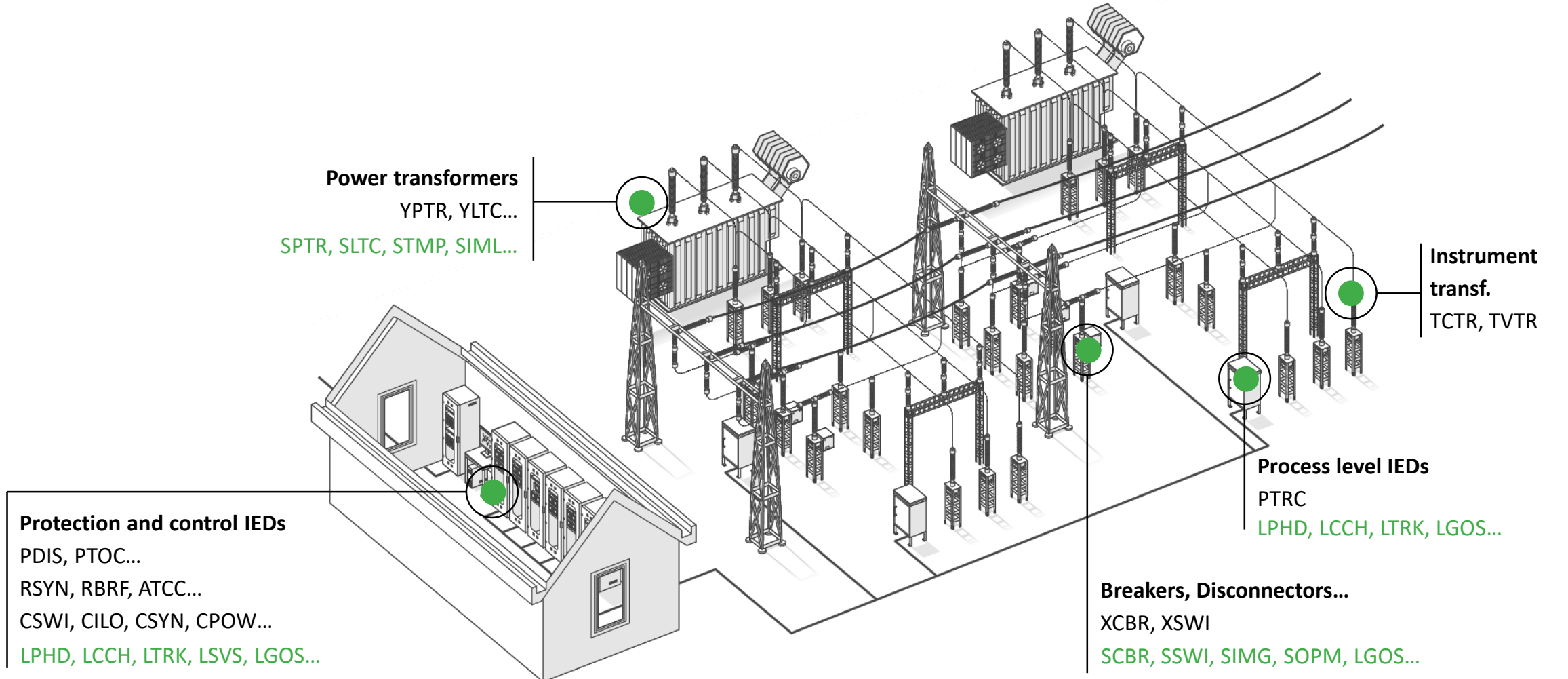
B5 PS3

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?

Stefan Meier, Switzerland

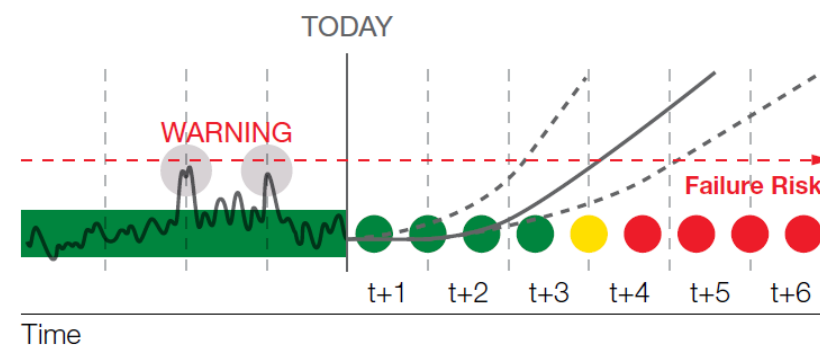
**HITACHI**  
Inspire the Next

# IEC 61850 logical nodes for primary and secondary system supervision



# Profit from supervision data to predict remaining useful life

- Collecting data, through IEC 61850 supervision but also SNMP/ IOT edge device/...
- Asset Performance Management applications with prognostic capabilities answer questions like...
  - When will we reach a critical condition?
  - When can we expect a malfunction or failure?
  - When will we get an alert or alarm?
  - What happens if we take a particular action?
- ... to optimize maintenance schedules



Group Discussion Meeting