EMPOWER Web Platform

Data collection and smart analytics

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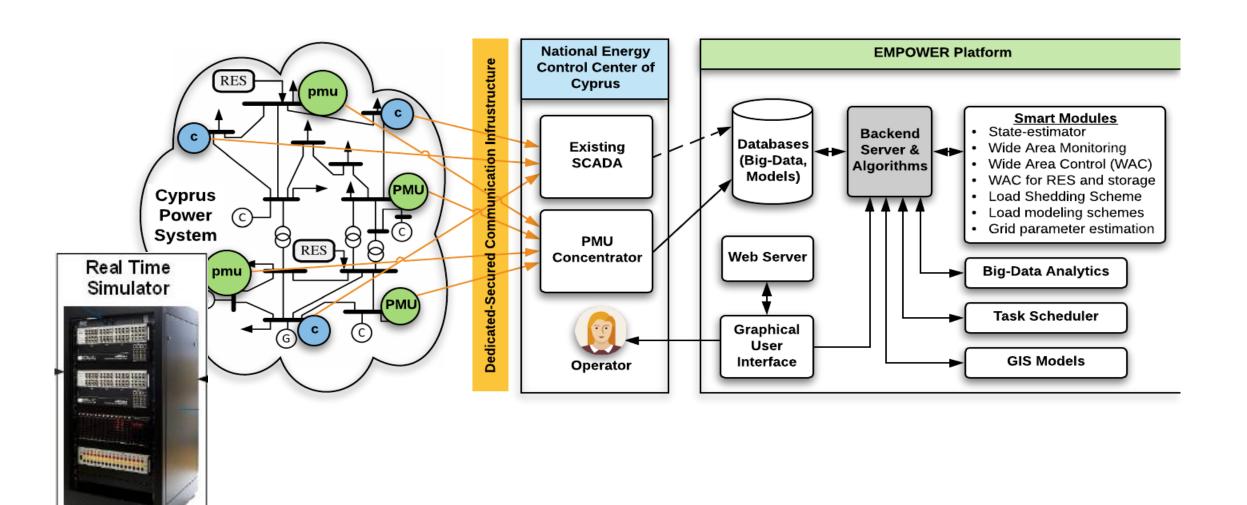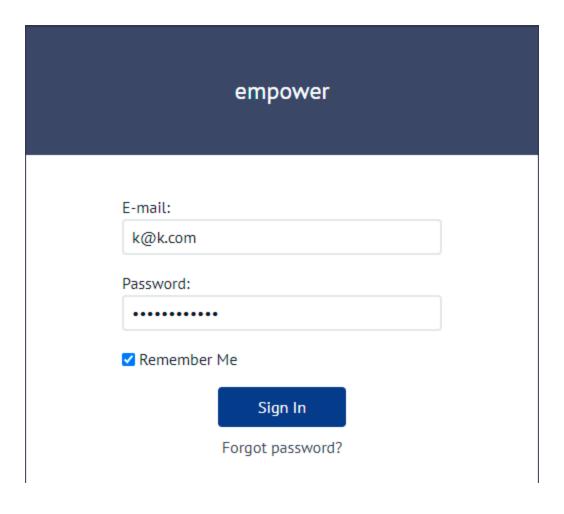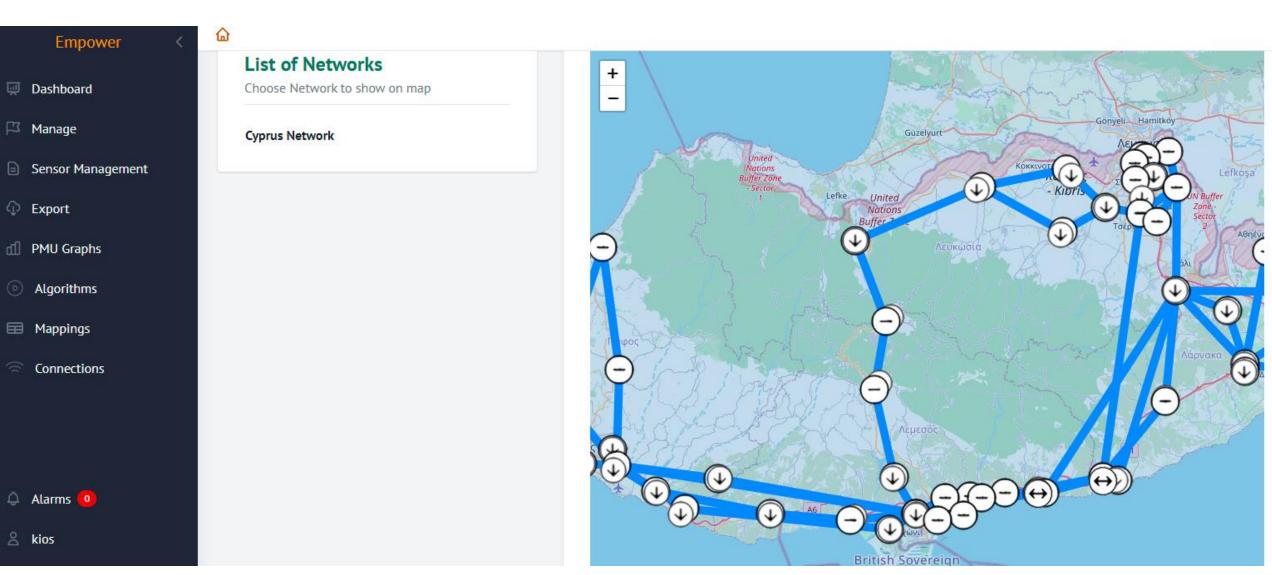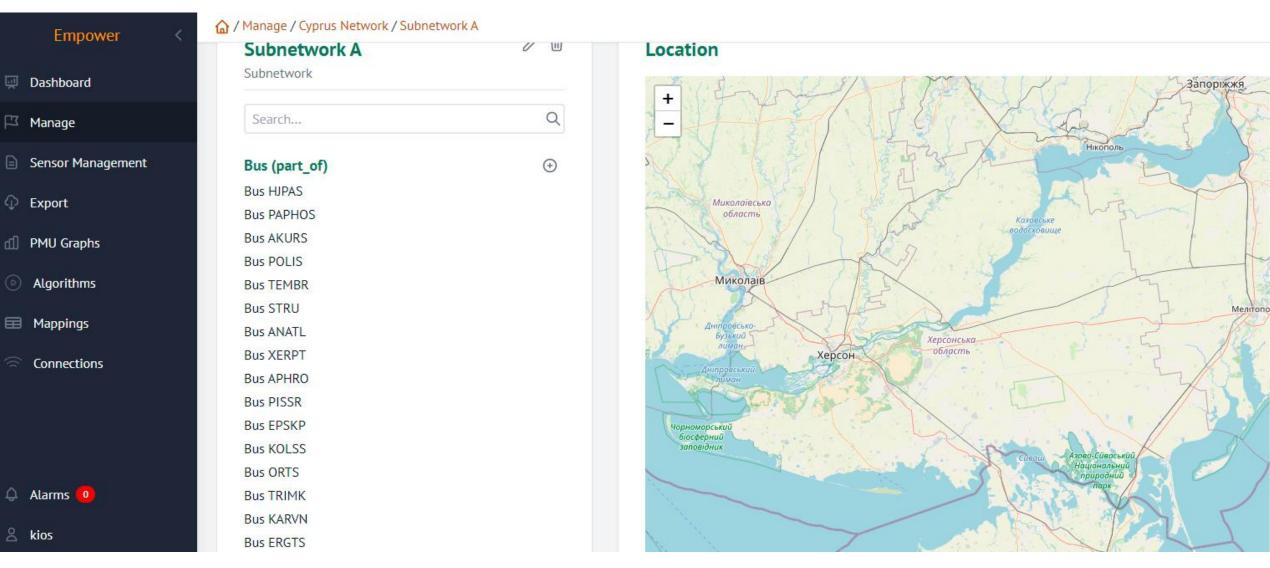# EMPOWER Platform - Architecture

EMPOWER Pilot instance - Login

Dashboard with available networks as layers

Manage topology – Maintain sub-network with components

Manage topology – manage individual components
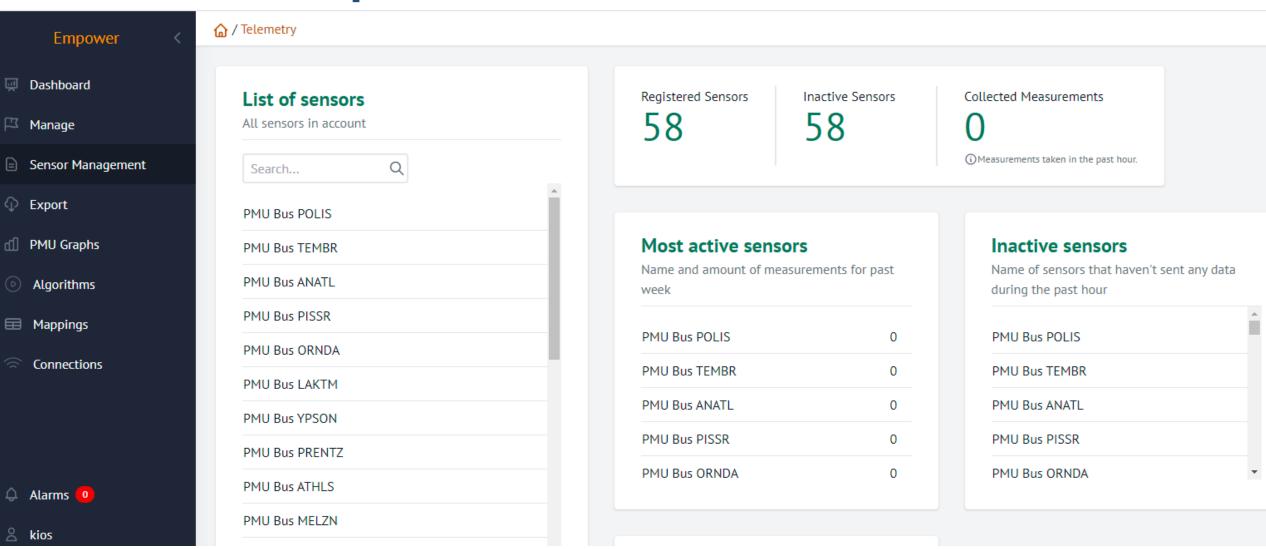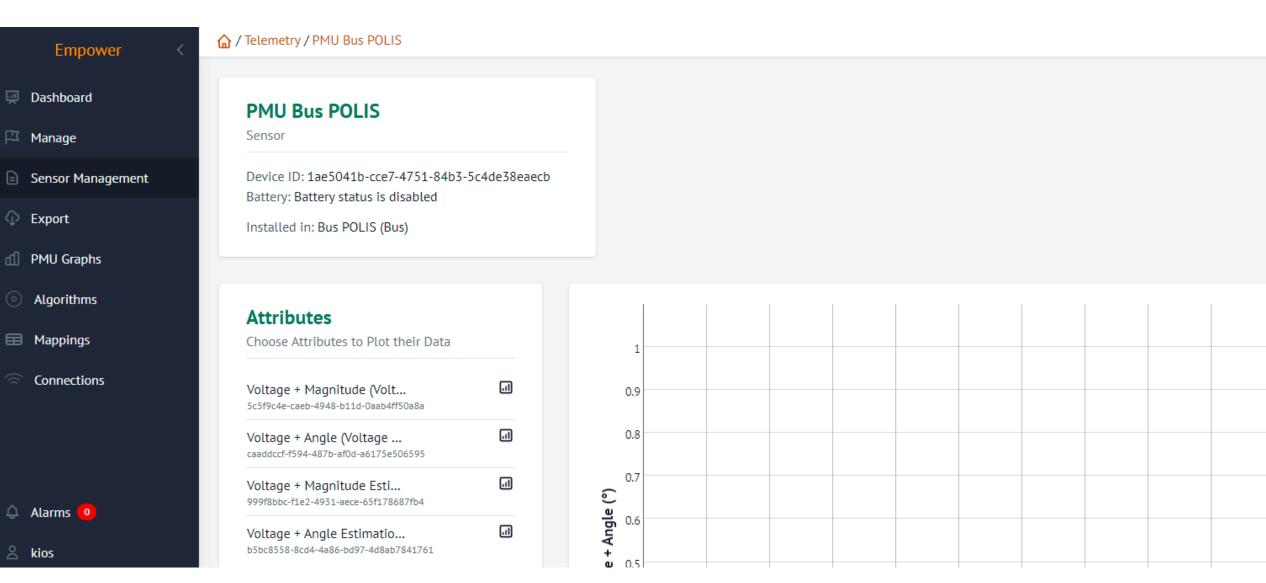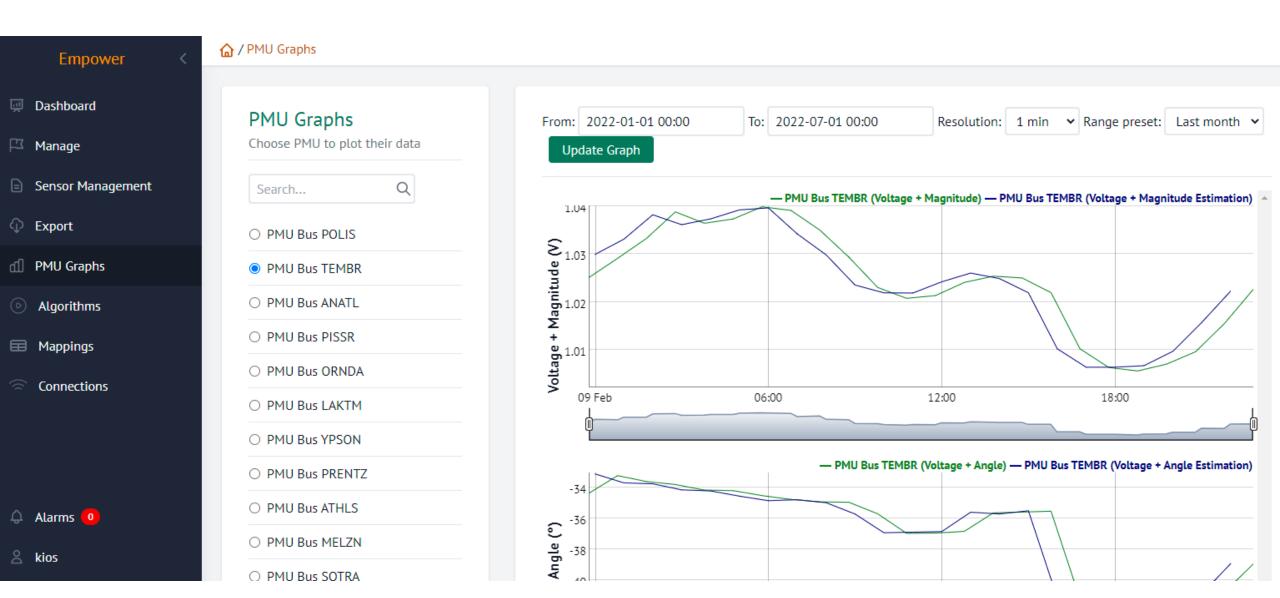
Measurements infrastructure – link to network components

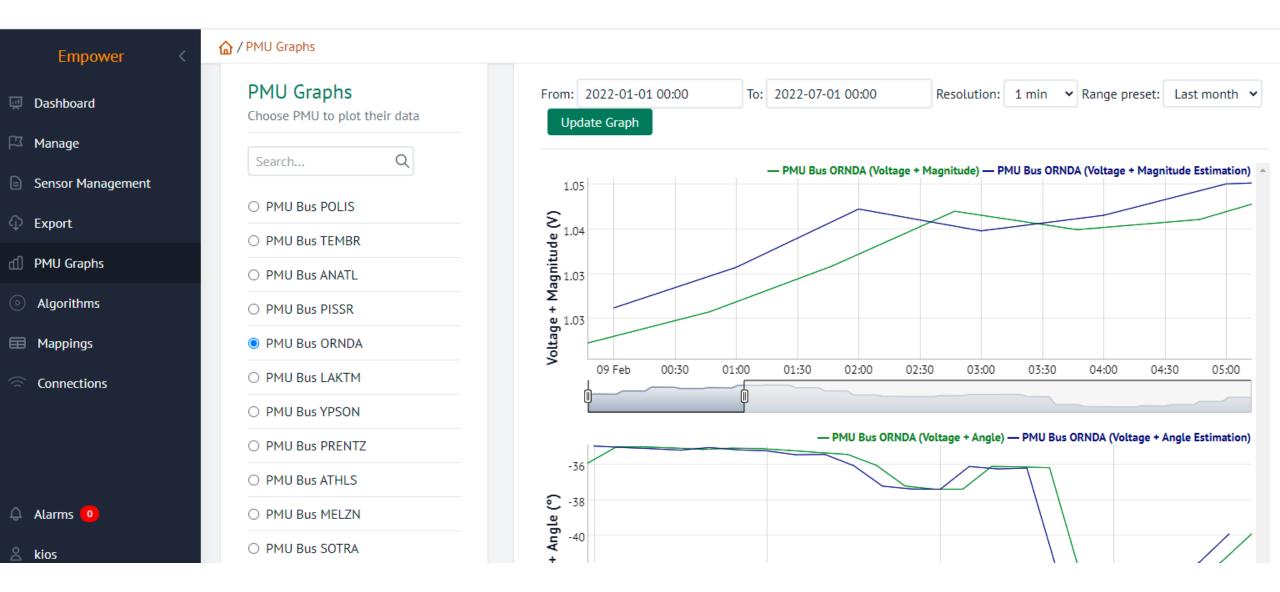# Measurements infrastructure – overview of timeseries per measured attribute

Near real-time PMU measurements

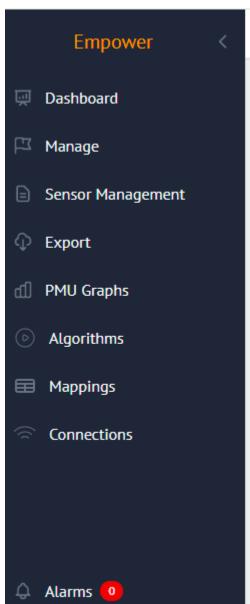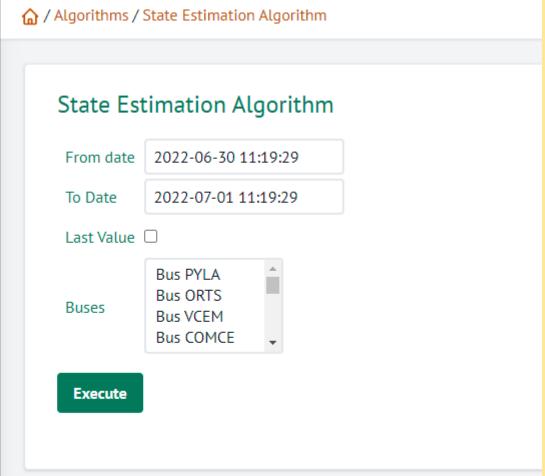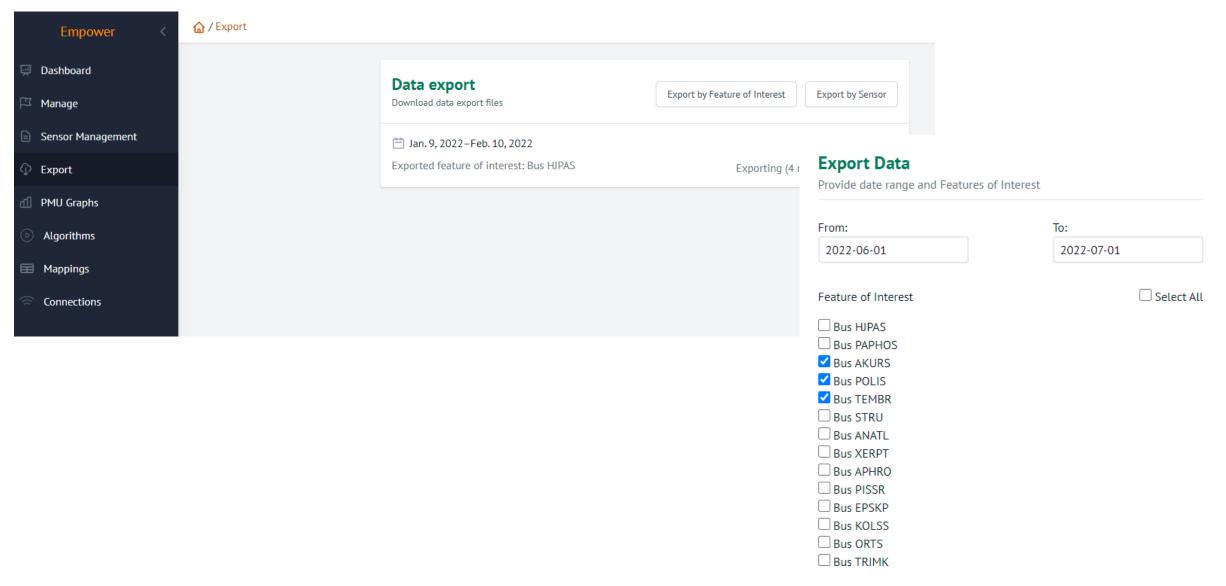# Near real-time PMU Measurements

Integration of smart analytics algorithms

EMPOWER
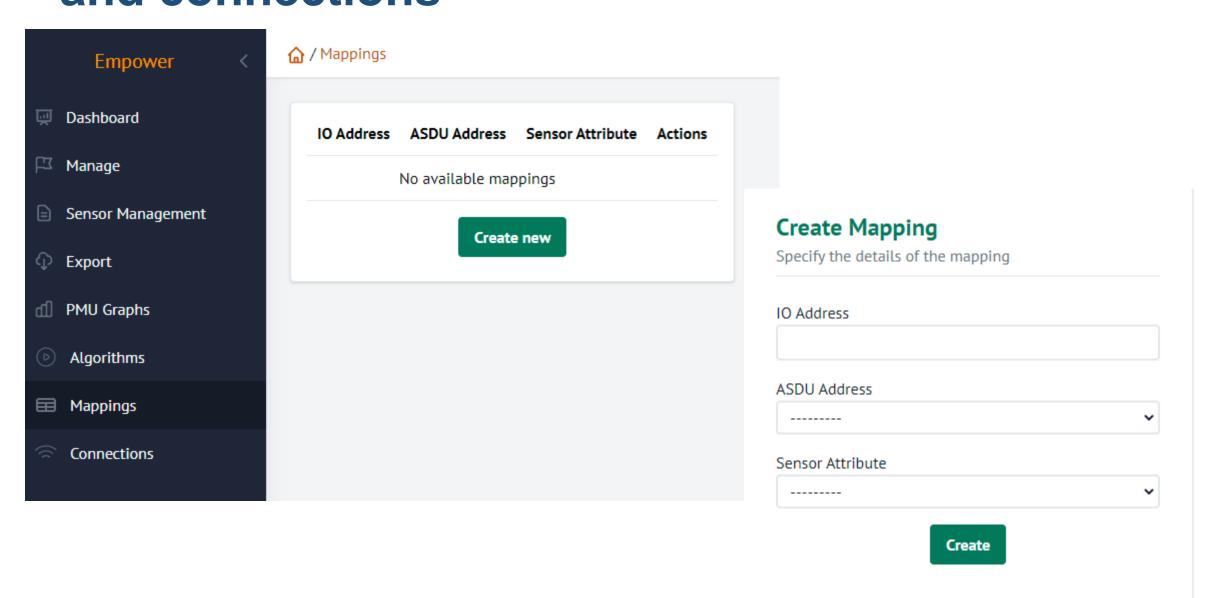

System state estimation using PMU measurements
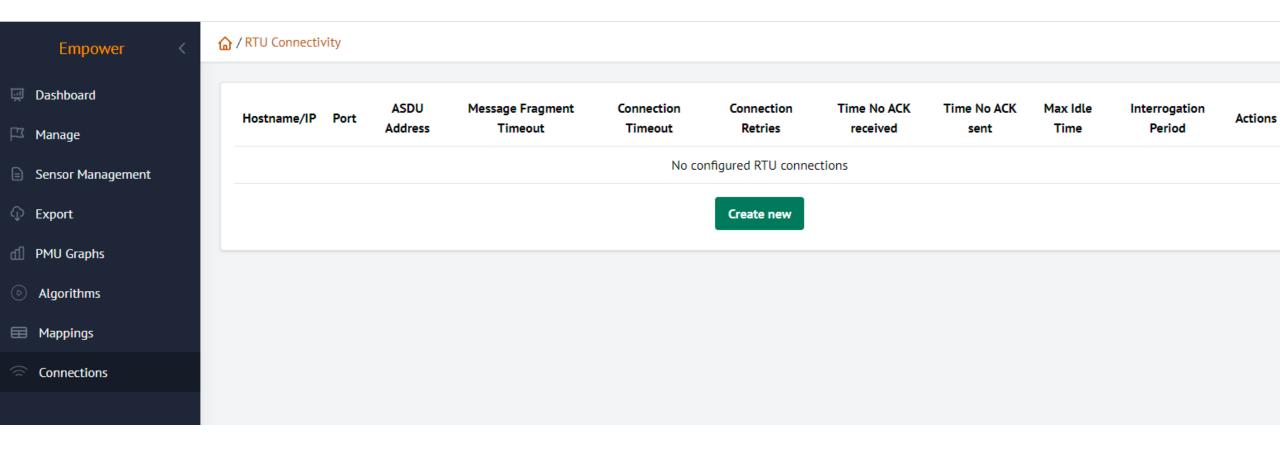
Easy exporting of data in csv/pdf formats EMPOWER

Mappings of SCADA system addresses and connections

13

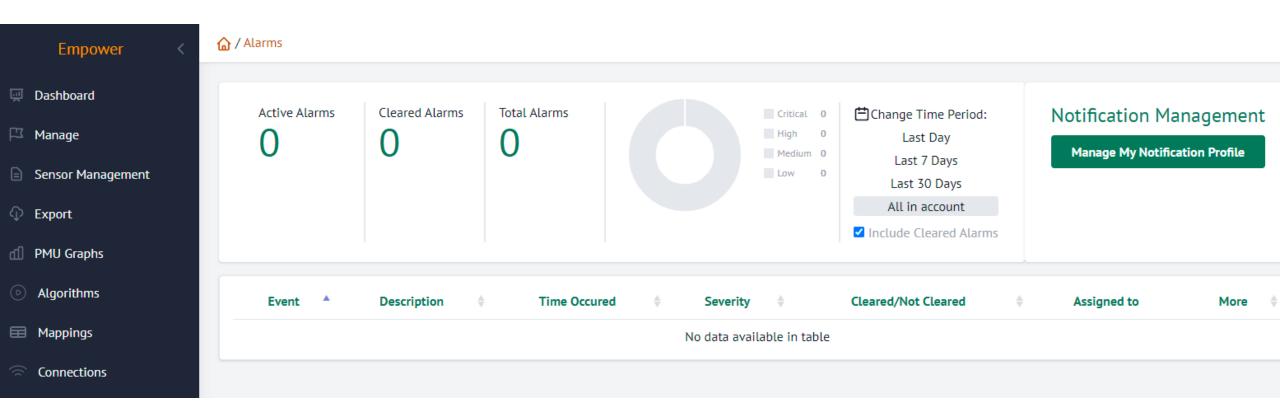# Mappings of SCADA system addresses and connections

Mappings of SCADA system addresses and connections

EMPOWER

Create Connection

Specify the details of the RTU connection

Hostname/IP

Port

2404

ASDU Address

Message Fragment Timeout

5000

Connection Timeout

20000

Connection Retries

3

Time no ACK received (T1)

15000

Time no ACK sent (T2)

10000

Max idle time (T3)

20000

Interrogation Period

60000

Create

EMPOWER Alarms and Notifications

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