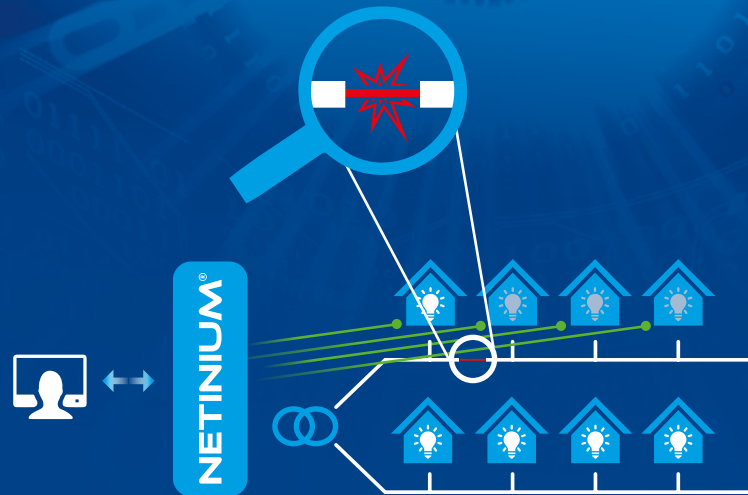# Pro-active
Monitoring of PQ data
Detect early power deterioration
and prevent outage

This is how it works

› For every feeder, Netinium automatically collects
  LV-reliability related PQ data from smart meters
› Netinium analyses PQ data and detects
  possible fault locations
› Ongoing monitoring can be repeated at given
  intervals and for designated areas

Benefits

› Detect early signs of possible outage
› Take preventive action to avoid outage
  and lower grid maintenance costs
› Avoid power outage related claims
› Increase grid reliability (SAIDI, SAIFI)

smart meter based
LV-Grid monitoring

Secure investments, increase efficiency and enable distributed energy resources

Building on the strong foundations of the Netinium AMM+, we enable you to manage your low-voltage grid using data from smart meters.

Technologies such as Distributed Energy Resources (DER) and Electric Vehicles (EV) pose immense complexity and technical challenges to grid operation. These developments force DSOs to highly automate their grid monitoring processes in order to meet their SLA targets.

Our IoT cloud platform applies Robotic Process Automation (RPA) to automate your business processes and increase the efficiency of your grid monitoring and control.

Short term load forecasting
Maintenance planning based on intra-day prognoses

Remote outage analysis
Understand and control the extent of the power outage

Pro-active monitoring of PQ data
Detect early power deterioration and prevent outage

Automated line voltage control
Increase PV capacity without investments in grid reinforcement

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