# Short term
Load forecasting

Maintenance planning based on intra-day prognoses

This is how it works

› For every feeder, Netinium collects PQ data from smart meters
› It automatically generates an accurate LV grid topology (phase recognition and load assignment for each phase)
› Combined with historic and actual measurements, Netinium automatically creates a short term load forecast for the designated area

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Historical Data
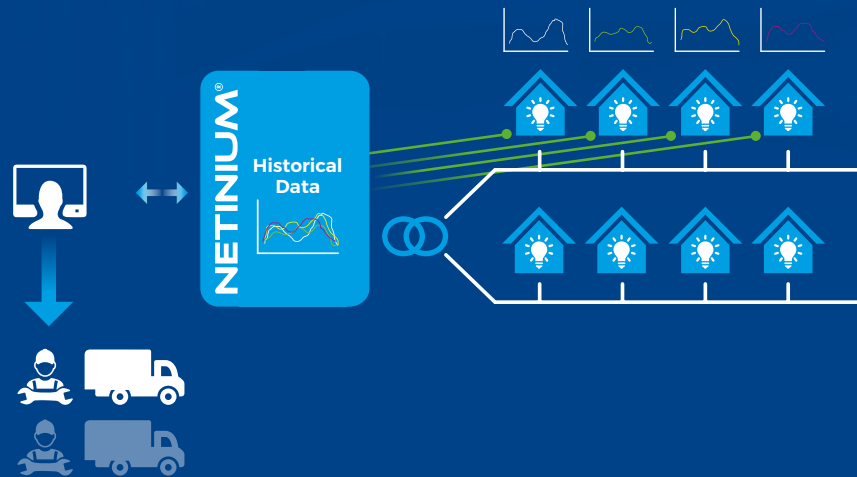
Benefits

› Replace standard load profiles by intra-day prognoses and realize a more accurate maintenance planning based on actual measurements
› Optimize scheduling of planned outages and minimize disturbances for customers
› Isolate and re-dispatch load in case of unplanned outages
› Avoid unnecessary claims

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
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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

Smart meter based LV grid monitoring

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