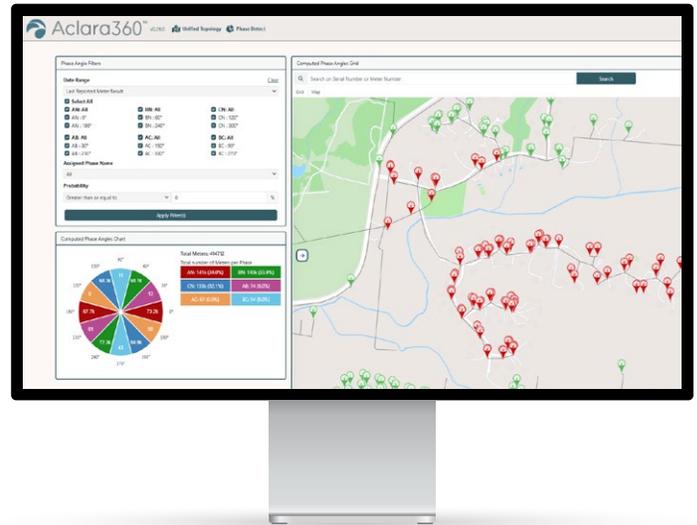# Aclara360 Grid-Edge Software

Aclara360™ is a cloud native analytics platform that transforms current and future Advanced Metering Infrastructure (AMI) data into real time insights.
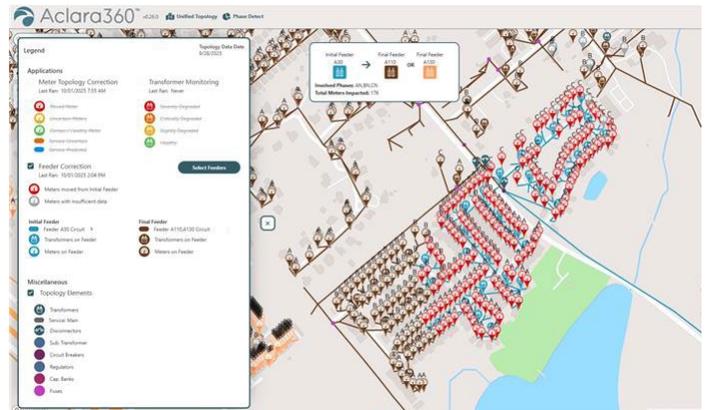
Advantages

- Validate and correct network topology continuously, maintaining a live distribution model
- Identify phase assignment errors and recommend phase balancing to reduce losses
- Monitor unexpected power flows (e.g., reverse flow from DER)
- Maintain reliability, assets, and personnel safety
- Continuous maintenance of the entire network to improve and maintain power quality
- Enable future capabilities such as transformer health, monitor unexpected power flows, and predictive maintenance

Benefits

- **Operational efficiency**
  Reduce truck rolls, accelerate fault localization, streamline GIS/ADMS updates
- **Cost savings**
  Extend asset life, lower maintenance costs, minimize emergency repairs to support affordability for customers
- **Improved reliability**
  Proactively identify outage risks and enhance SAIDI/SAIFI performance
- **Increased safety**
  Detect previously unknown backfeeding, feeder mismatches, meter-to-transformer connection errors, and other connectivity model discrepancies
- **Regulatory confidence**
  Accurate data for audits and compliance

Aclara360 software accurately computes meter phases, helping utilities keep topology data up-to-date.

Utilities can quickly locate entire meter populations and reassign them to the proper feeder using the Aclara360 platform.

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