

SOLUTION BRIEF

SECURING ELECTRICAL UTILITIES AND SMART GRID NETWORKS

The global mass scale deployment of smart grids exposes utilities to multiple new cyber threats ranging from meter and EV charging data theft and fraud to cascading power outages and grid-wide blackouts.

OUR SOLUTION

Shield-IoT delivers an AI threat prevention network security solution that analyzes device-to-cloud communication. Shield-IoT detects the first signs of a cyber attack such as Man-in-the-Middle, DDoS and unknown malware before any damage can take place. Our agent-less solution is designed to monitor and secure any grid device or application at scale. Shield-IoT generates highly accurate, real-time alerts to enable rapid and automated threat mitigation across the entire network.

CUSTOMER BENEFITS

- **No Service Impact or Downtime**
Prevent any impact to devices data, operation and critical grid services.
- **Seamless Usage**
Easy service subscription with no need for any network or device changes.
- **Zero Business Risk**
Ensure no impact on existing operations with out-of-band SaaS/cloud solution.
- **Unlimited Scale**
Single 'future-ready' centralized solution to secure millions of devices leveraging patented coreset-AI technology.

HOW IT WORKS

Shield-IoT analyzes device-to-cloud traffic statistics, mirrored (out-of-band) from the network. Detected security events and operational anomalies are displayed on a multi-tenant UI and are accessible to third party systems via API.

