

SOLUTION BRIEF

SECURING CRITICAL WATER UTILITY NETWORKS

Connected water utility devices are exposed in the field and vulnerable to physical tampering and remote hacks. This can lead to data theft, service disruption of water supply and wastewater or even water poisoning.

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 monitors and secures any connected 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 device data, operation and critical 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 centralized solution to secure any utility connected devices/application at any scale.

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.

