

## SOLUTION BRIEF

# SECURING SECURITY CAMERAS AND SMART CITY APPLICATIONS

Thousands of city cameras are exposed in the field and vulnerable to physical tampering and remote attacks. This can lead to data theft, privacy violation, ransomware attacks and downtime of critical services.

## 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 rule-free solution secures any camera or connected smart city application at scale. Shield-IoT monitors device behavior continuously to generate accurate, actionable real-time alerts and enable automated threat mitigation.

## CUSTOMER BENEFITS

- **No Service Impact or Downtime**  
Prevent any impact to cameras and devices data, operation and 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' solution to secure any number of city devices and connected applications.

## 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.

