

Secure your IoT devices throughout their lifecycle

Implementing robust cybersecurity measures from the time of design and conception until the end of device's life, reduces the risks of data breaches and privacy violations significantly. Build trust and confidence among your users, identify vulnerabilities on time, and protect your brand and revenues.

Business values at stake without robust security measures

By 2025,
152,000
IoT devices
will connect to the
Internet/minute*

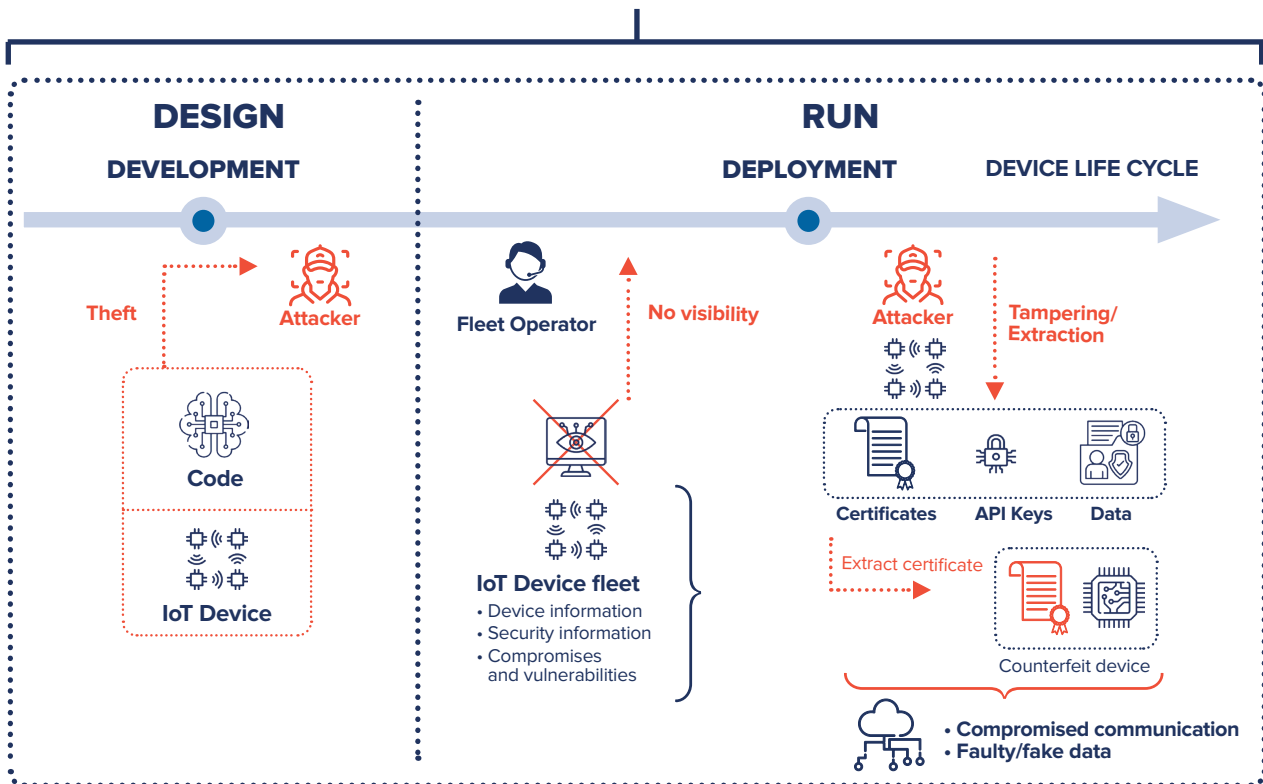
98%
of IoT traffic
remains
unencrypted*

48%
Businesses
are unable to detect
IoT security
breaches on their network*

The proliferation of IoT devices has revolutionized industries and enhanced operational efficiency. However, the increased connectivity also creates several vulnerabilities that malicious actors can exploit. Application and service providers/operators are exposed to risks such as unauthorized access, theft, tampering, unlawful reproduction, and even disruption of critical services.

BUSINESS IMPACT

- ▶ Increased competition
- ▶ Loss of trust from customers
- ▶ Loss of revenues
- ▶ Damage to end users and device environment
- ▶ Negative brand image
- ▶ Regulatory issues

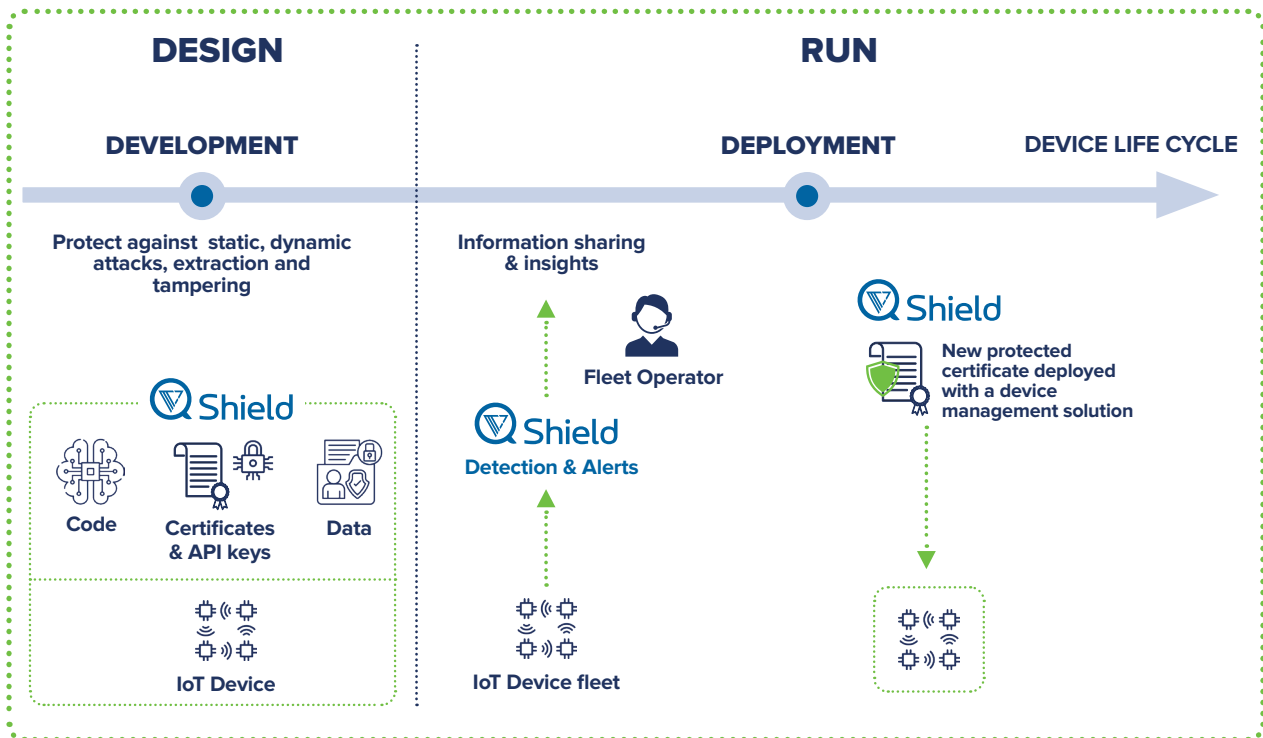
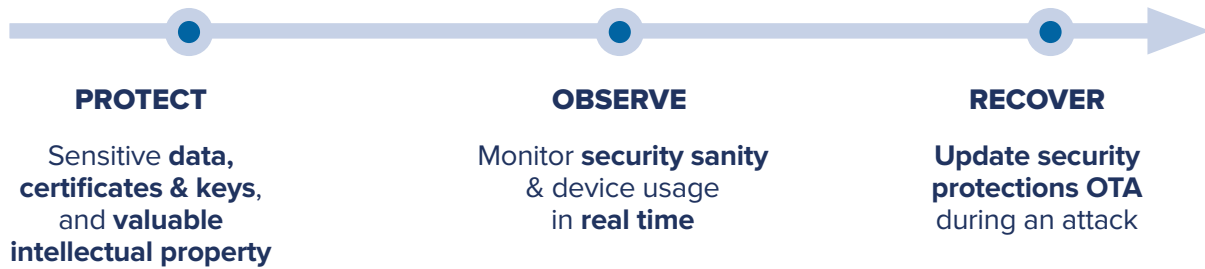


*Source: <https://purplesec.us/resources/cyber-security-statistics/#IoT>

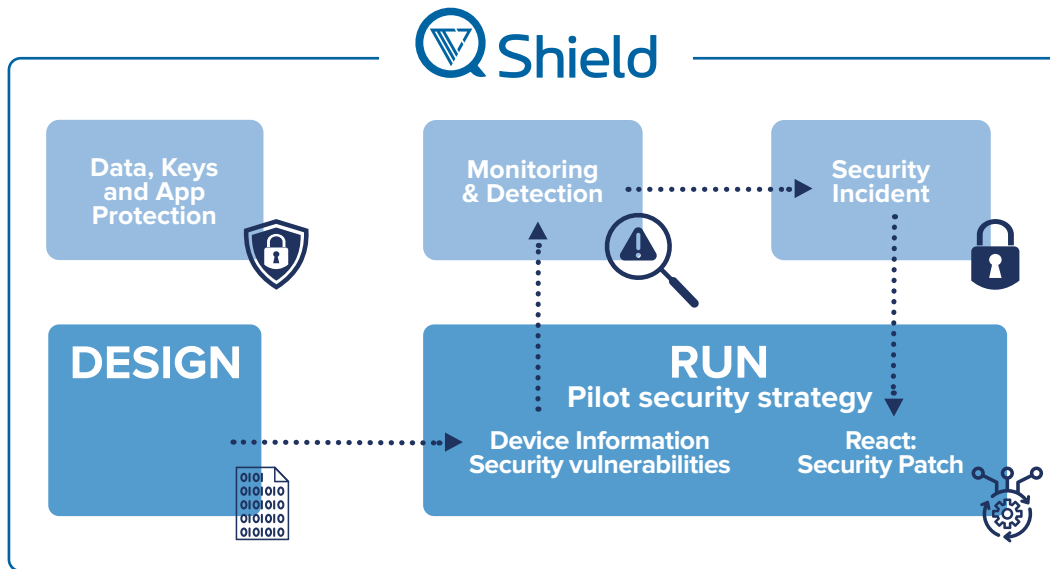
QShield helps you secure your IoT devices against data, code, and IP extraction or alteration, no matter where you are in your IoT journey - from conception to market deployment.

..... Manage risks by securing your IoT devices at any time

By prioritizing the security of your IoT devices, you can **mitigate potential threats, minimize financial and reputational damage, and ensure business continuity.**



..... Build your defense against fraud, theft, damage, and unlawful reproduction of your IoT devices



..... Custom-built solutions...

► **App Protection**

Code & data protection, dynamic protections and integrity checks thanks to obfuscation & RASP

► **Keys Protection**

Cryptographic keys protection against extraction thanks to white-box cryptography

► **Data Protection**

Safely store sensitive/ value-added data using software and/ or hardware security components

► **Environment Checks**

Monitor device fleet sanity and detect tampering in real time. Adapt security policies thanks to Moving Target Defense

More precise and valuable data

Increased safety thanks to a robust mitigation plan

Positive brand image & steady revenues

Accelerated regulation compliance (EU CRA, ETSI, AFNOR, NIST, SESIP, ISO)



Part of ST Partner Program for data and IP protection.



Integrated with Mender's device management solution.