

# The Promise of a Robust Product Security Certification Program

Built on 20 years of validation and certification experience, the IoT Device Security Specification, with its accompanying certification program and Product Security Mark aims to provide product manufacturers with the confidence that their product meets multiple international regulations, including US, EU, and Singaporean requirements, and standards allowing them to save money and time by certifying once.





#### Harmonized Standards

Now is the time for the world to work cohesively to create harmonized standards for IoT product security and deliver on the promise of a more connected, secure, and productive world.

## **Built on Best Practices**

Security best practices, technical capabilities, and existing global product security regulations inform the IoT Device Security Certification Program.

# **Certify Once**

Globally-adopted technologies such as Wi-Fi, Bluetooth, and 5G cellular-enabled companies can build their devices once and be relevant around the world. We need the same consistent approach for certifying consumer IoT product security.

# Product Security Certification Program Grants a Verified Mark

The Product Security Verified Mark is confirmation that a product meets the specification's security requirements. When displayed prominently on certified product packaging, store signage, and online platforms, this Verified Mark inspires confidence and serves as a marker for secure IoT devices.



## Security

Advances the state of the art in consumer IoT product security, verifying IoT products can securely function and resist hostile attacks.



#### Trust

Increases consumer confidence in the security of certified products and strengthens trust by helping consumers identify secure, certified IoT products.



# Simplicity

Eases the task of demonstrating compliance to global product security requirements, simplifies with one certification program, and unifies global standards with a single certification.



# Unity

Provides product manufacturers and consumers with transparency on global product security requirements and unifies global product security standards, removing the burden of guesswork for manufacturers.



#### Manufacturers

The IoT Device Security Specification and Certification program provide a harmonized set of requirements, allowing component vendors to provide security evidence for System Integrators and OEMs, including guidelines and mappings demonstrating how devices meet security conformance.



## Developers

Establishes a unified baseline standard for IoT device security certifications with consistent messaging. The IoT Device Security Specification and Certification program eliminates the frustration of fragmentation and ensures compliance with relevant security regulations and standards.



## Regulators

The IoT Device Security Specification and Certification program ensures IoT products in various countries/regions adequately protect their consumers and stakeholders through the development of a scheme meeting regulatory requirements, establishing a trusted advisor role on upcoming and existing regulations.



#### Consumers

The IoT Device Security Specification and Certification program makes it easy for consumers to understand which products have been verified as secure, why it's important, and how it benefits them, reducing consumer confusion and frustration over product security concerns.



Learn more at csa-iot.org/all-solutions/product-security Join us and help shape the future of the IoT at csa-iot.org!