



Council of the European Union
General Secretariat

Brussels, 15 March 2023

WK 3680/2023 INIT

LIMITE

CYBER

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NOTE

From:	General Secretariat of the Council
To:	Delegations
Subject:	IT Security label - presentation

Delegations will find in the Annex a presentation given by the German delegation at the Horizontal Working Party on Cyber Issues on 15 March 2023.

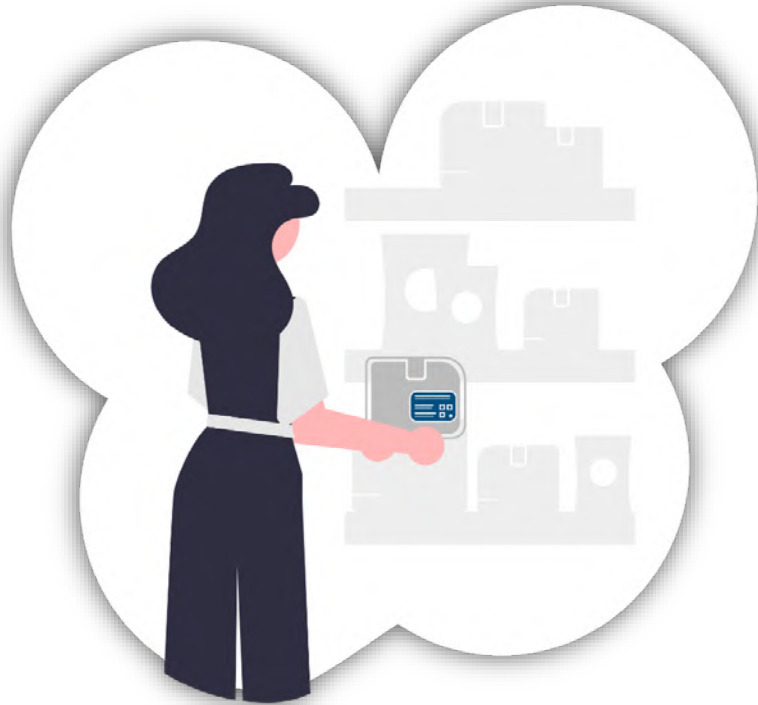


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The German IT Security Label

Introduction and possible mutual recognition

What is the IT Security Label?



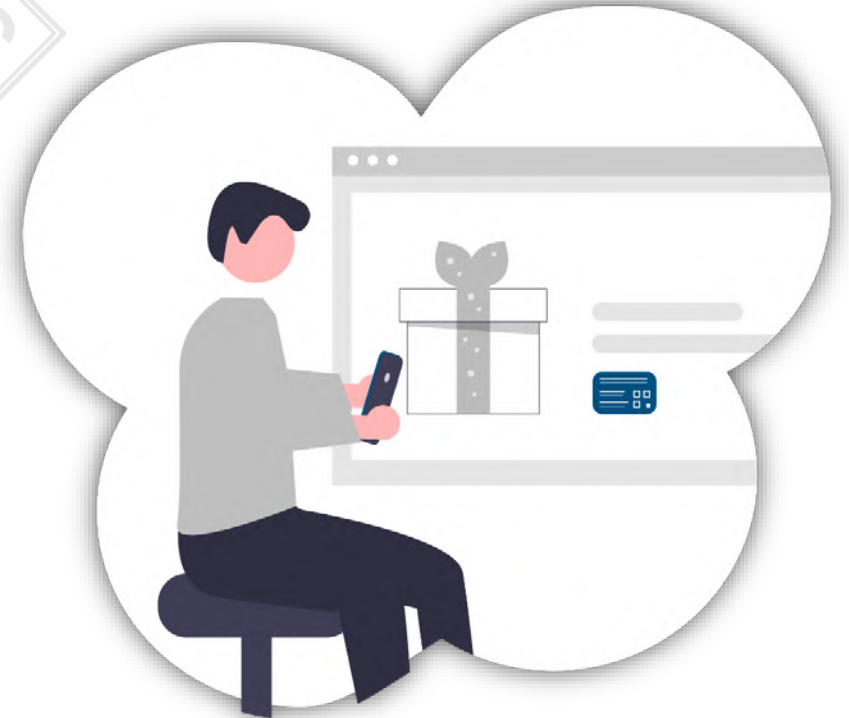
Voluntary national
consumer label

Products and services

Based on a manufacturers
self declaration

Supports buying decision

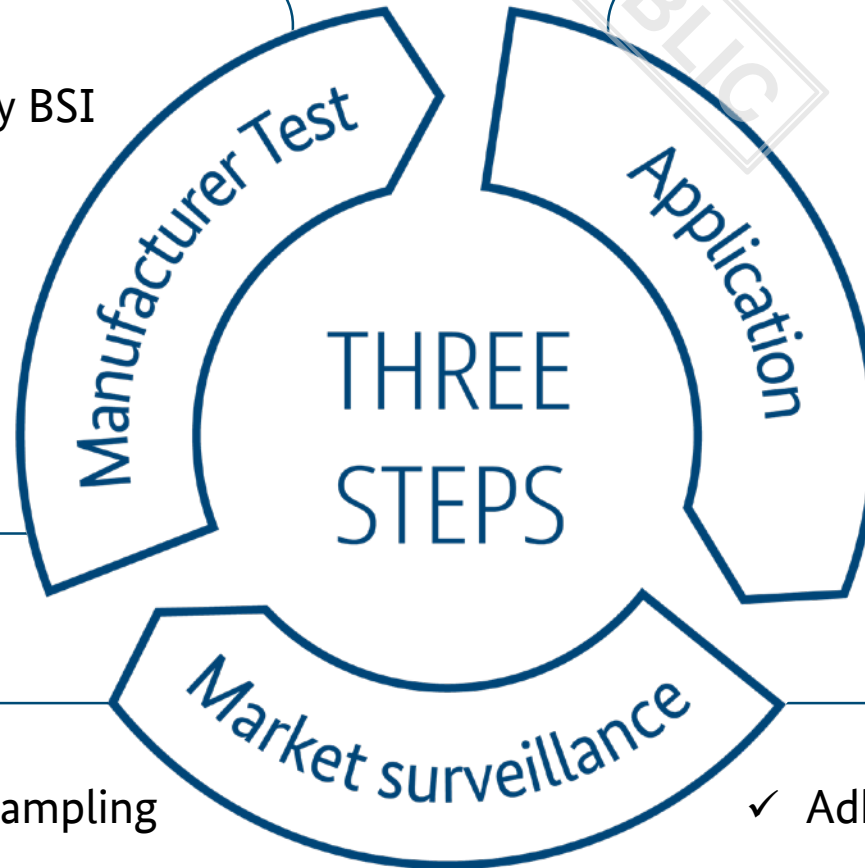
Incentive for the
manufacturer



How does the IT Security Label work?

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- ✓ **Security standard** selected by BSI
- ✓ **Conformity assessment** by manufacturer or third party
- ✓ Following the requirements of a **test specification**



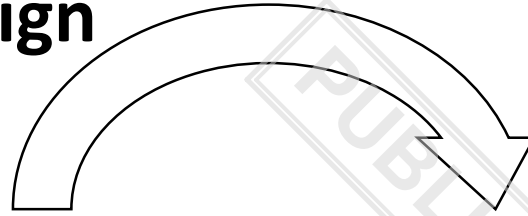
- ✓ **Self declaration** and provides information about assessment
- ✓ **Technical specifications** of the product
- ✓ Declaration about allowed **deviations**
- ✓ **Plausibility check** by BSI

- ✓ Routine sampling

- ✓ Adhoc testing



Innovative Hybrid Label Design



Binary Part

Dynamic Part

- ✓ Self-Declaration
- ✓ BSI-Standards
- ✓ **Link & QR-Code**

IT-Sicherheitskennzeichen

Bundesamt für Sicherheit in der Informationstechnik

Der Hersteller versichert:

Das Produkt entspricht den Anforderungen des BSI.

Das BSI informiert:

Aktuelles zum Produkt
bsi.bund.de/IT-SIK/EN



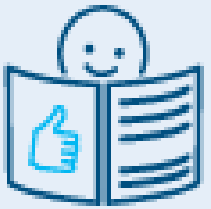
- ✓ Label explained
- ✓ Manufacturers declaration
- ✓ **Date of validity & updates**
- ✓ Refined consumer information
- ✓ **Current security information**
 - Vulnerability status
 - Security updates
- ✓ Links to related topics



Added value for manufacturers and consumers



- ✓ Easy to consider in the **development process** of products
- ✓ Efficient application process promotes **time to market**



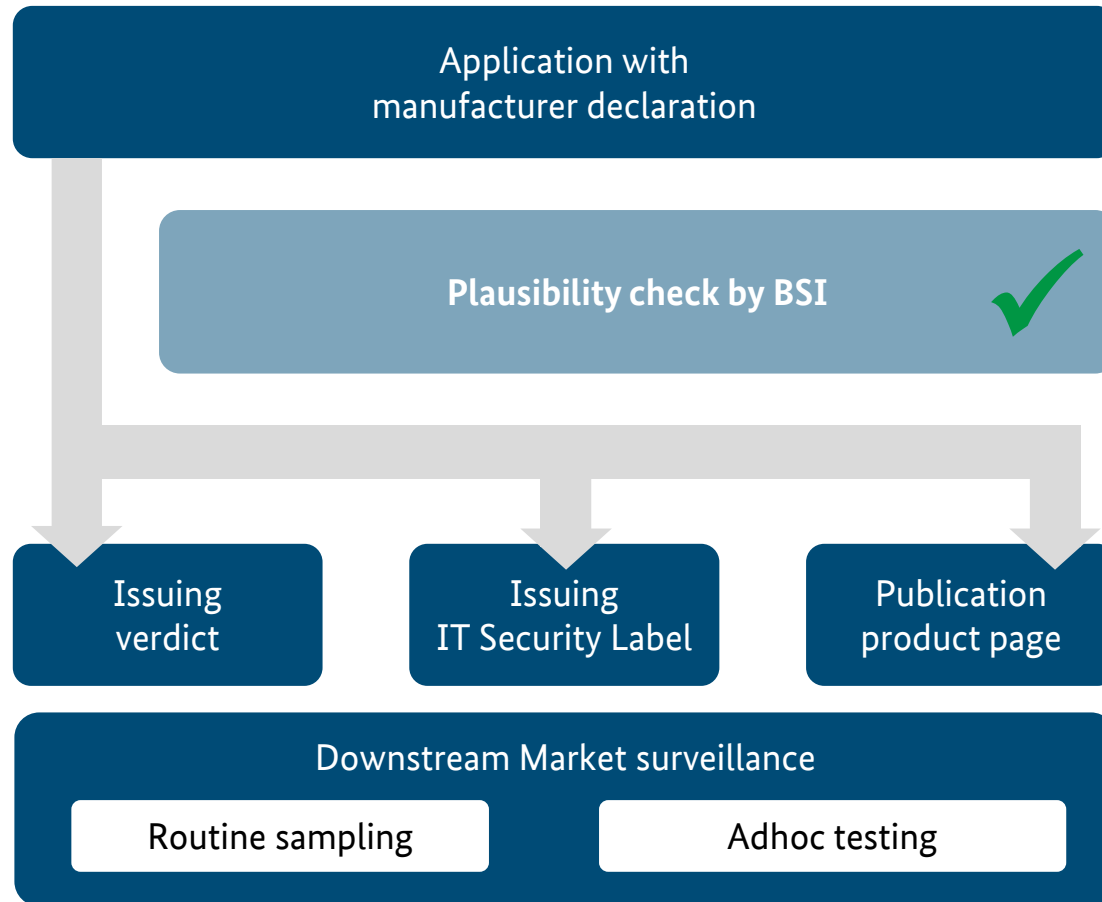
- ✓ Clear and **accessible information** for consumers
- ✓ Helps consumers with their **purchase decision**



- ✓ **Highlights products** on the market
- ✓ Turns IT security into a **selling point**.



Mutual recognition example



Regular: Application with manufacturers declaration and description of testing methods

PASSED: BSI **plausibility check not necessary** if product has a recognised label

Regular: Issuing of the German Label by BSI with **product-website**

Regular: Downstream **market surveillance** for all labelled products

Collaboration opportunities



BSI can share know how from the development and implementation of the German IT-Security-Label



BSI can share its experience with the ETSI EN 303 645



BSI can share best practices to gain a common ground that enables a mutual recognition (e.g. suitable standards)



BSI aims for a mutual recognition with other european and international labelling schemes for consumer IoT



Current status and perspective

- ✓ Within the first year, **37 labels were issued**. Further applications are currently being processed.
- ✓ The **scope** of the label is being continuously **expanded by the BSI**.
 - ✓ E. g. most recently end of 2022 for IoT products.
 - ✓ Two industry standards are under development, monitored by the BSI.
- ✓ Germany (BSI) and Singapore (CSA) **signed a bilateral agreement** on the mutual recognition of their IoT labels.
- ✓ **Positive feedback** received from manufacturers and consumer protection organizations.
- ✓ BSI is conducting an **campaign to attract more manufacturers** for the label.

Q & A

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Thank you
for your attention!



Deutschland
Digital•Sicher•BSI



Bundesamt
für Sicherheit in der
Informationstechnik