

Incentivising future security



NCSC – National Technical Authority for Cyber Security

Making the UK the
safest place to live
and work online



Resilience observations

We face a challenge for how we ensure organisational and societal cyber resilience

- | **Evolution of the threats that we face**
- | **Complexity and vulnerability of technology estate**
- | **Challenging opportunity cost of security investment**

Challenges

- | **Product defects – often well-known classes of vulnerability**
- | **Tactical fixes**
- | **Unquantified risk**
- | **Costs borne by consumers and society at large**

PSTI act

Into effect April 2024

Core principles standardised as ETSI EN 303 645

Default passwords

Support lifetime

Vulnerability reporting




NEWS

NCSC and partners issue advice to counter China-linked campaign targeting thousands of devices

Joint advisory highlights the risk of malicious cyber actors exploiting internet-connected devices and gives mitigation advice.



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PUBLISHED

18 September 2024

WRITTEN FOR

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[Public sector](#)

Software code of practice

Voluntary initiative

Establish expectations for developer/vendor behaviour

Call for views now closed

Response is in progress

Launch in 2025

NCSC to provide assurance layer, as part of PBA



A blue-tinted, blurred background image showing a crowd of people walking, likely in a public space or transit area. The figures are out of focus, creating a sense of movement and a busy environment.

Digital Security by Design

Transforming technology to create a more resilient and secure foundation for a safer digital future



America's Cyber Defense Agency

NATIONAL COORDINATOR FOR CRITICAL INFRASTRUCTURE SECURITY AND RESILIENCE

Secure by Design

It's time to build cybersecurity into the design and manufacture of technology products.



BACK TO THE BUILDING BLOCKS:

A PATH TOWARD SECURE AND MEASURABLE SOFTWARE

FEBRUARY 2024



THE WHITE HOUSE
WASHINGTON

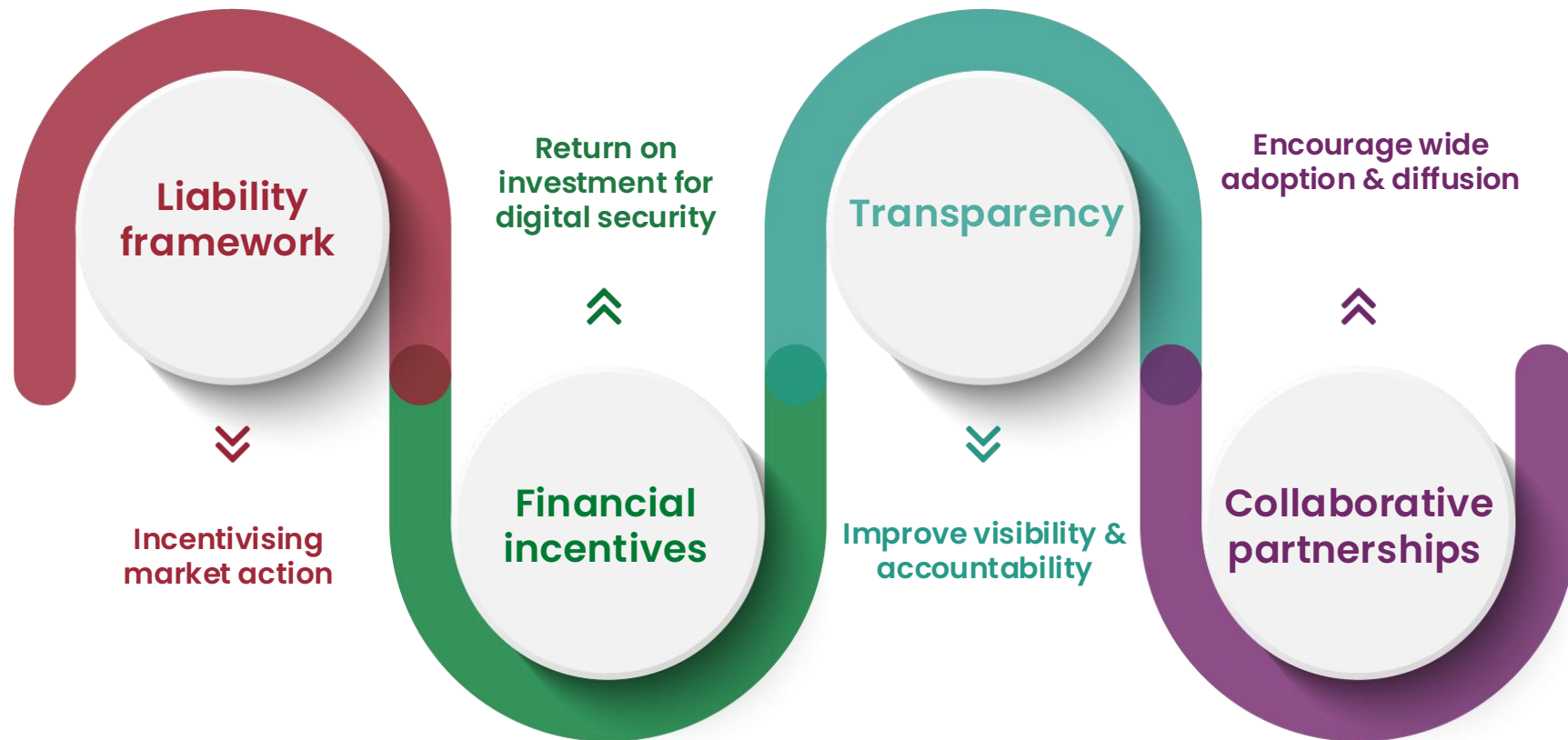
PUBLICATION

Product Security Bad Practices



“...additionally, software manufacturers should publish a memory safety roadmap by January 1, 2026.”

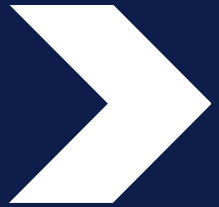
Market factors and Incentives



NOT GOVERNMENT POLICY



National Cyber
Security Centre
a part of GCHQ



Thank you for listening

