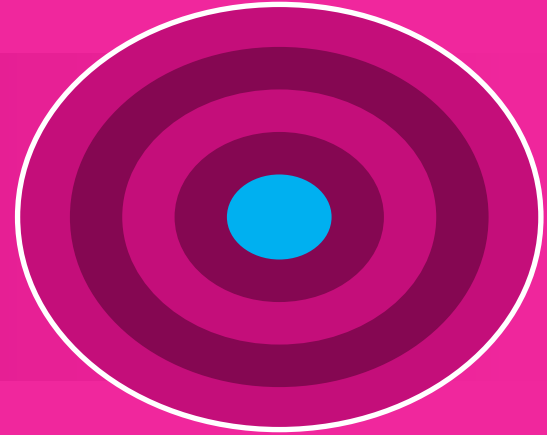# 'Secure by Design'

Securing Consumer Connected Products

Fundamental Objective

Protect consumers, networks and infrastructure from the harms associated with vulnerable consumer connected products, also enabling the sector to grow for years to come.

Cyber Security for Consumer connected products (Secure by Design)

Department for Digital, Culture, Media & Sport

Delivering and maintaining a **world-leading regulatory framework** that is sufficiently adaptable to mandate baseline cyber security measures for in scope consumer connected products made available to UK consumers
- 2018: Code of Practice
- 2019: Consultation
- 2020: Call for Views
- 2021: Queen's Speech (Product Security and Telecommunications Infrastructure Bill)

Assisting industry to benefit from good security practices by **catalysing industry adoption of quality assurance schemes**
- Grant funding
- Future research

Ambition: Protect consumers, networks and infrastructure from the harms associated with vulnerable consumer connected devices, also enabling the sector to grow for years to come, with trust at its core.

Supporting industry to comply with legislation and improve security practices through **support, training and guidance**
- IOTSF/ OXIL research

Working with standards development organisations and international governments to **tackle the issue globally**
- ETSI EN 303 645

References and Links

A number of our publications are available on the 'Secure by Design' collections page, in addition, please see below...

- The DCMS Code of Practice (2018).
- The most up to date version of ETSI EN 303645 (2020)
- A mapping document outlining the consensus between existing guidance and standards bodies
- Quick Guides, made available for manufacturers of consumer connected devices
- Our 2019 consultation report on how to convert the Code of Practice into enactable legislation (including detail on rationale on not progressing with a mandatory label), as well as a 2020 Call for Views
- 2021 study into consumer attitudes for consumer connected devices