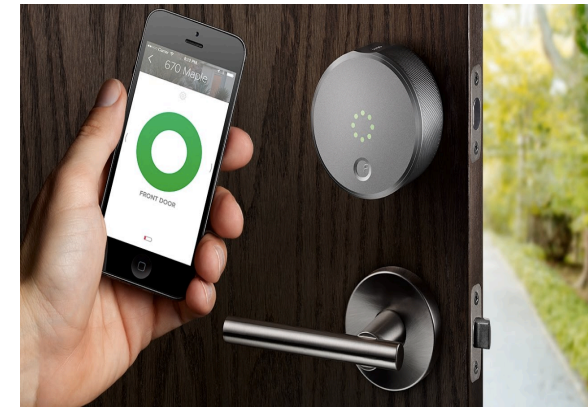
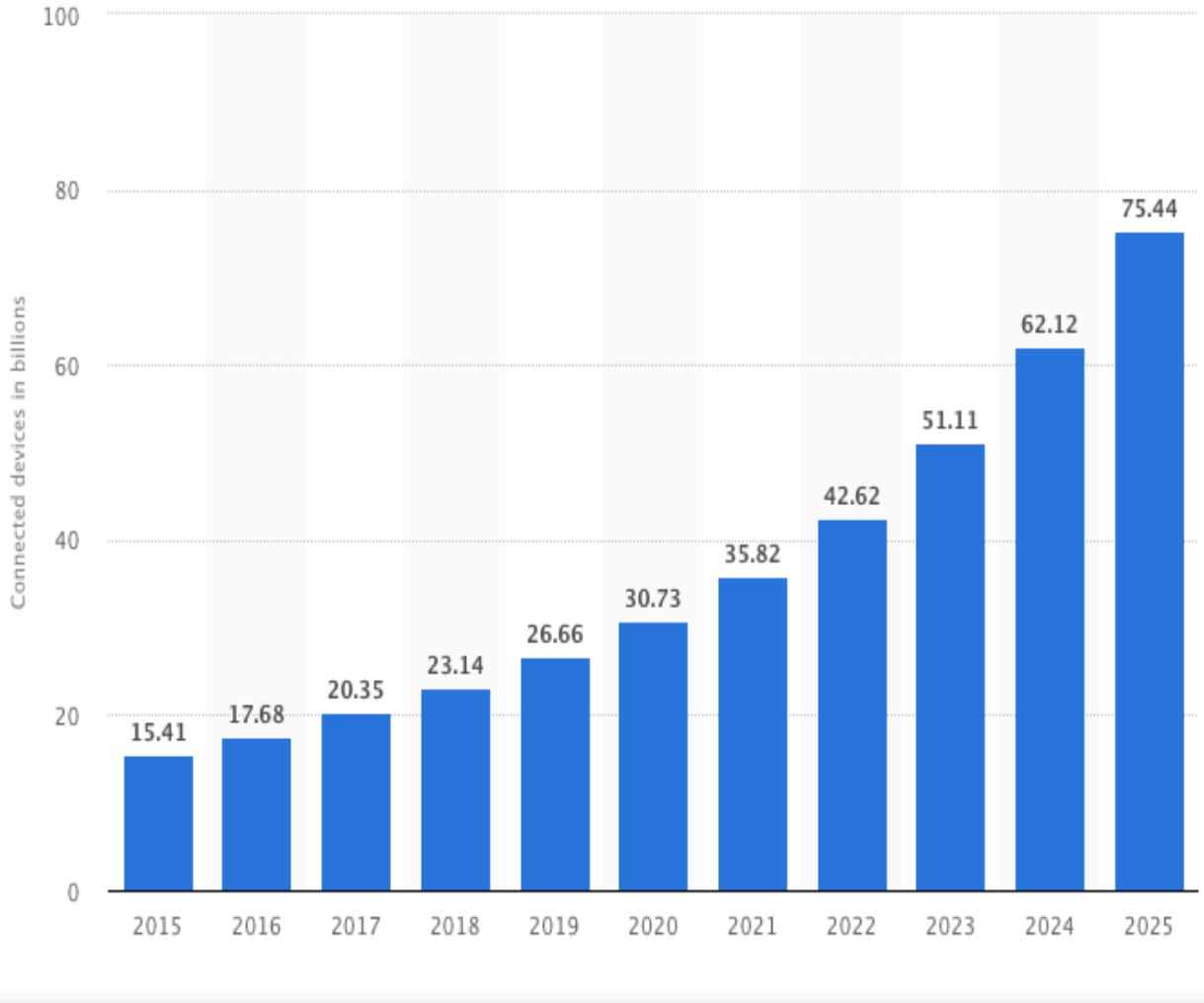




Secure By Design:

Connected devices are a synonymous aspect of the daily lives for millions of UK citizens.



In many cases, cyber-security is an afterthought, consumers assume they are safe and hacks are undermining the sector

IT News / Latest IT News / Security

Security » Software Development Process smart device cyber-attack Computer data storage Cisco Systems amazon video

Your smart home devices could get you hacked

Smart devices like IP (internet protocol) cameras, speakers, etc., are becoming more vulnerable to cyber attacks especially if there is no proper in-built security

ETCIO | May 04, 2019, 09:14 IST

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Hot tub hack reveals washed-up security protection

By Dan Simmons
BBC Click presenter

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MiSafes' child-tracking smartwatches are 'easy to hack'

By Leo Kelion
Technology desk editor

BBC Sign in News Sport Weather iPlayer Sounds

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Def Con: Do smart devices mean dumb security?

© 6 August 2016

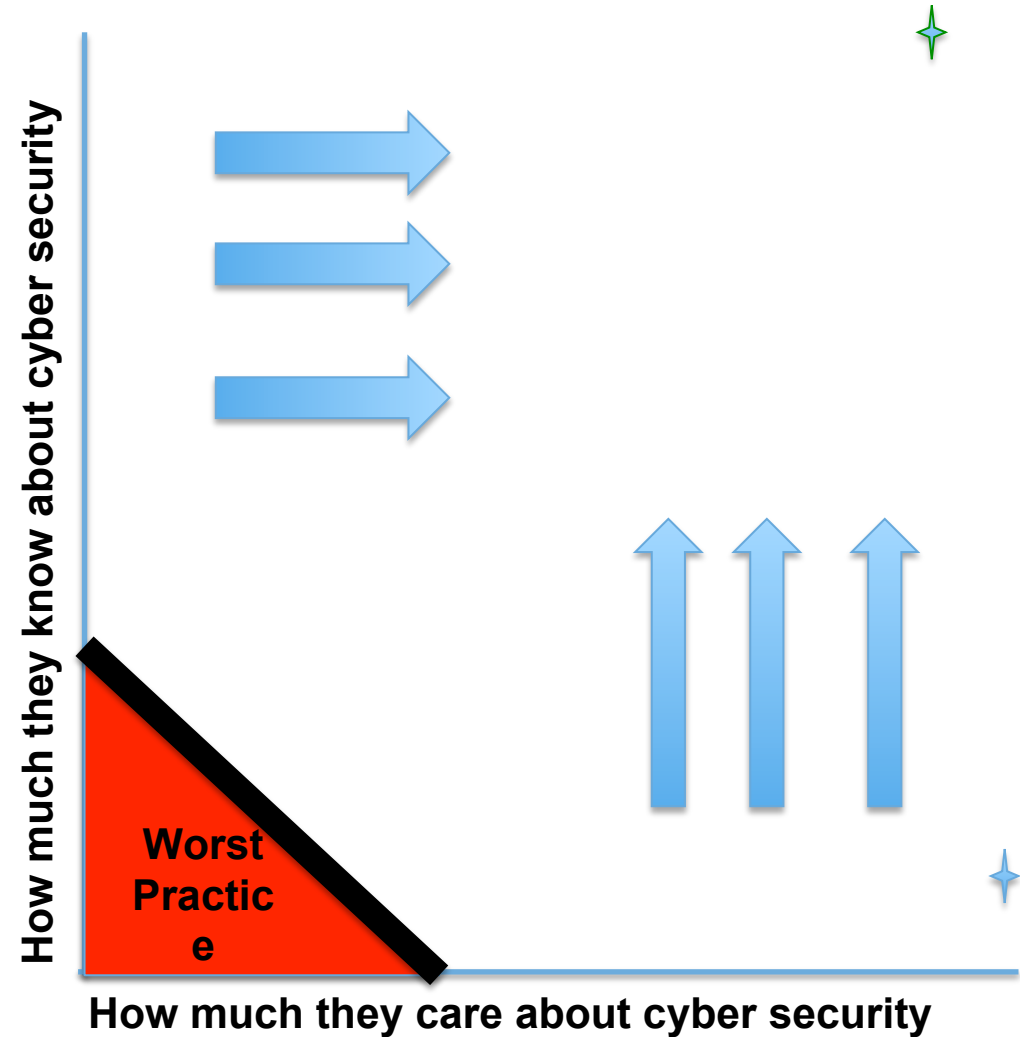
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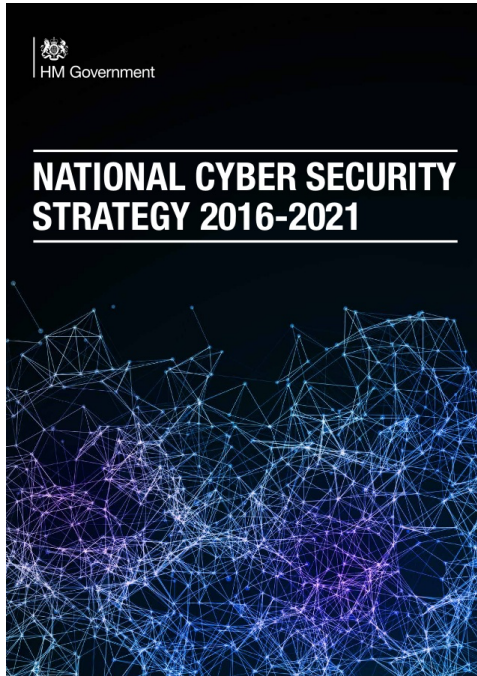
Amazon is exposing THOUSANDS of children to hackers by promoting baby monitors with severe security flaws, Which? report warns

We have a responsibility to protect citizens from harm, as well as wider networks from IoT devices being weaponised in botnets

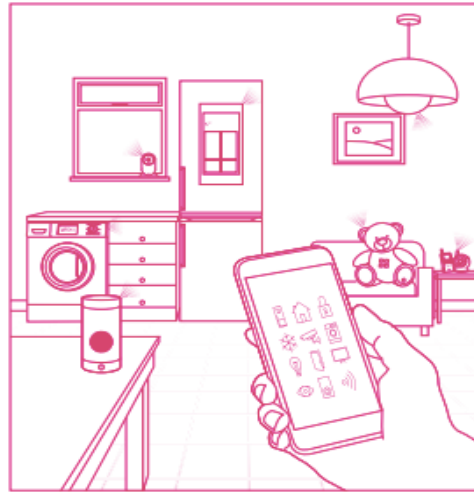
- It is wrong to expect consumers to **secure** their own IoT products. We need to quickly deliver the world consumers already feel they live in. Good security must be built in by IoT manufacturers and service providers, **by design**.
- We need to work in **partnership** with a huge range of organisations to establish a shared language about what is expected and allow the sector to grow and flourish



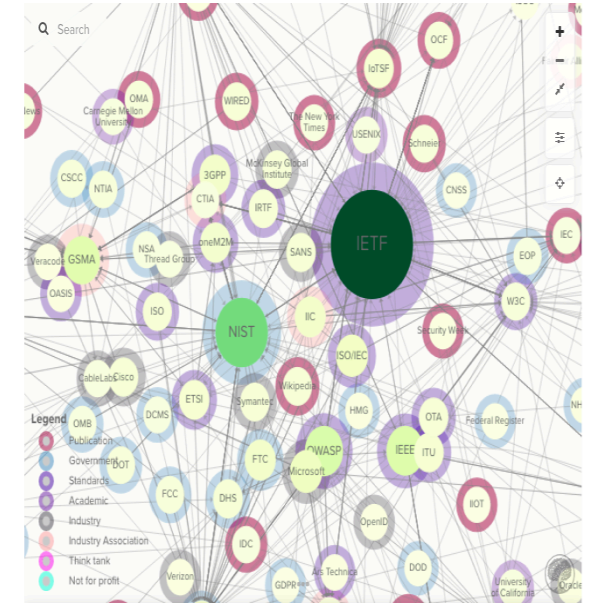
We have worked in partnership to establish the UK as world leaders in ensuring cyber security for connected devices



Code of Practice for Consumer IoT Security







October 2018

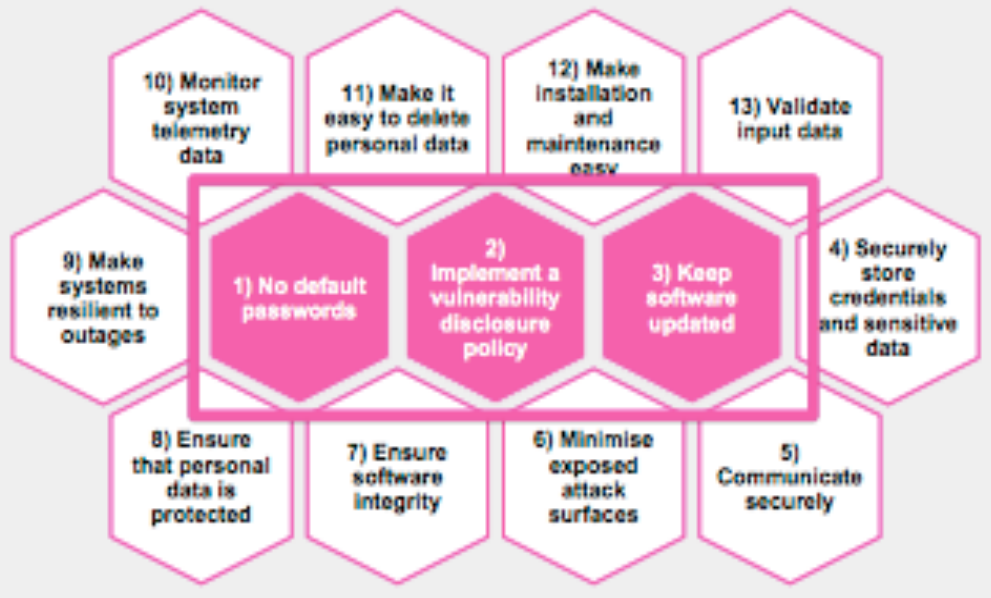


Consultation outcome

Consultation on the Government's regulatory proposals regarding consumer Internet of Things (IoT) security

Updated 3 February 2020

-  Strong support for urgent legislation
-  Desire to ban poor practice outright, not just a label
-  Support for 'top three' as robust baseline for initial legislation
-  Announce to deliver legislation as soon as parliamentary time became available



Most recently we held a Call for Views on our proposed approach as we seek to deliver legislation at pace

[Home](#) > [Government](#) > [Cyber security](#) > [Proposals for regulating consumer smart product cyber security - call for views](#)



Department for
Digital, Culture,
Media & Sport

Policy paper

Proposals for regulating consumer smart product cyber security - call for views

Published 16 July 2020

We are working with a range of partners to develop a clear consistent language to protect consumers

**Standard
Development
Organisations**

**Assurance
Scheme
Providers**

**Other
Governments**

**Other
Government
Departments**

**Manufacturers
and Retailers**

**Manufacturer
associations**

**Retailer
associations**

**Industry
associations**

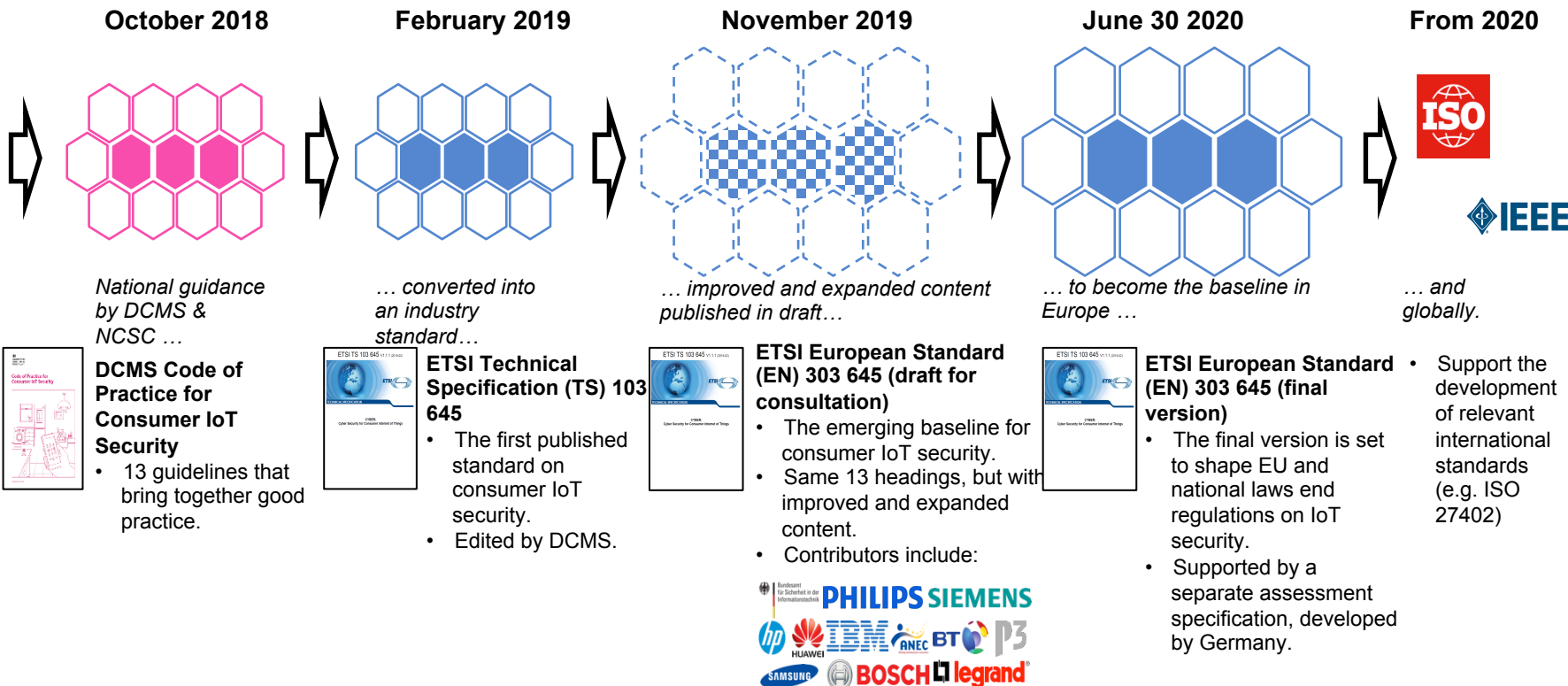
**Certification
schemes**

**Consumer
associations**

In partnership with ETSI, we have developed the first globally applicable standard for the cyber security of connected devices

Starting point, 2017

- Industry complaints:
- 'Cyber security? My organisation doesn't know where to begin.'
 - 'There is a jungle of guidance out there.'
 - 'There is no single baseline.'



Assurance schemes

Several IoT security assurance/certification schemes are already aligned with the ETSI standard:



UK regulation

Our proposed security requirements within the Call for Views are aligned to key provisions of the ETSI EN standard. We will need to be alert of emerging regulation under the EU Cybersecurity Act and the EU Radio Equipment Directive.

Programme outcomes

- Standards, assurance schemes and regulation catalyse industry implementation of good IoT security practice.
- The safety, privacy and online security of consumers and businesses are better protected.
- UK seen as world leader in IoT security

We have developed partnerships, and seen our work amplified beyond the UK


 Attorney General's Office


 Home Office

Guidance
Statement of Intent regarding the security of the Internet of Things
 Updated 23 October 2019



 The Hon Peter Dutton MP
 Minister for Home Affairs, Australia



 The Hon Ralph Goodale MP
 Minister of Public Safety and
 Emergency Preparedness, Canada


 The Hon Andrew Little MP
 Minister for Justice,
 New Zealand


 The Rt Hon Priti Patel MP
 Her Majesty's Principal Secretary of
 State for the Home Department,
 United Kingdom


 The Hon David Pekoske
 Acting Deputy Secretary of Homeland Security,
 United States of America


 Australian Government



Code of Practice

Securing the Internet of Things for Consumers




Assessment Tier 1 – Security Baseline Requirements



ETSI EN 303 645 (v1.1.0) (2018-08)
 ETSI
 Cyber Security Centre
 ETSI EN 303 645

March 27, 2019

Cybersecurity Tech Accord Signatories Endorse ETSI Technical Specification for IoT Security

New plans to boost security of consumer smart devices

FRIDAY

29

MAY 2020

OPPORTUNITIES

New plans to boost security of consumer smart devices

The DCMS Secure by Design team has announced a grant programme to support industry-led assurance schemes for consumer IoT.



Standards and Regulation

FREE Webinar Registration

The ETSI EN 303 645 specification published in 2020 is the first international standard focussed on consumer IoT cybersecurity. Some governments are already publishing guidance on the standard or even preparing legislation that will impact the IoT producer community – designers, developers, manufacturers and other vendors.

Over the next three months, the Consumer IoT Security Webinar series will allow the IoT ecosystem to hear security experts from the IoTSF membership who will share best practice for complying with the top three consumer IoT cybersecurity provisions:

- Eliminate Universal Default Passwords [[Quick Guide Link](#)]
- Keep Software Updated [[Quick Guide Link](#)]

Full Name (required)

Email (required)

Job Title (required)

Contact Phone

Industry

1. Get in touch if you would like to engage further, especially with view to sharing public support - email sbdteam@dcms.gov.uk
2. Engage with ETSI and usage of EN 303645.
3. Use <https://iotsecuritymapping.uk> to make it easier to review all global standards

Consumers / Buyers

Ask the right questions of your devices.

Passwords / Security updates