North Yorkshire
Cyber Security Network

March 2023

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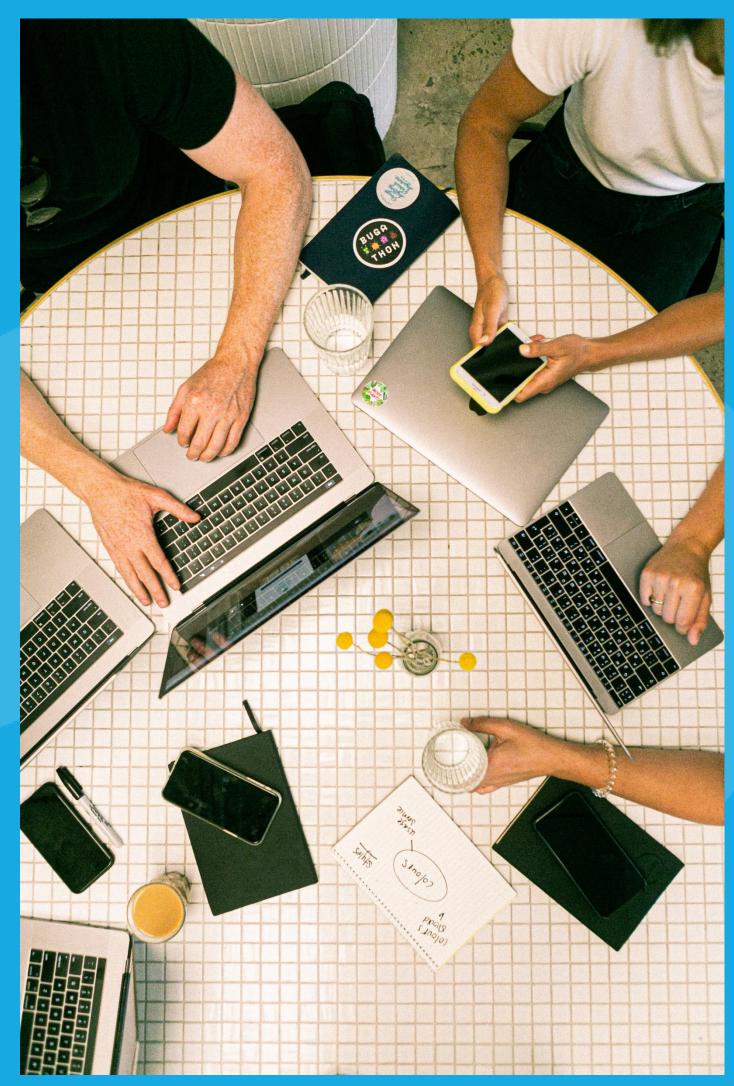
Introduction

- Today's world is more connected and dependent on digital technology than ever before.
- This brings great opportunities for people, communities and business and with it, significant threats and challenges.

- Cyber Crime costs the UK economy £27bn pa*
  - Citizens: £3.1bn – online scams, identity theft and ransomware etc.
  - Government: £2.2bn – systems attacks and benefit fraud etc.
  - Business: £21bn – intellectual property, theft and espionage

- UK government National Cyber Strategy 2022
  - a more digitally secure and resilient nation
  - an innovative, prosperous digital economy, with opportunity more evenly spread across the country
  - a Science and Tech Superpower, securely harnessing transformative technologies in support of a greener, healthier society
  - a more influential and valued partner on the global stage

- Working with our communities and businesses, we want to embrace, contribute and capitalise on this opportunity.

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Our Ambition

Scarborough Council has been working with Anglo American, Coventry University Scarborough, Plexal Limited and consulting with GCHQ Scarborough, to establish a Cyber Security Network for North Yorkshire.
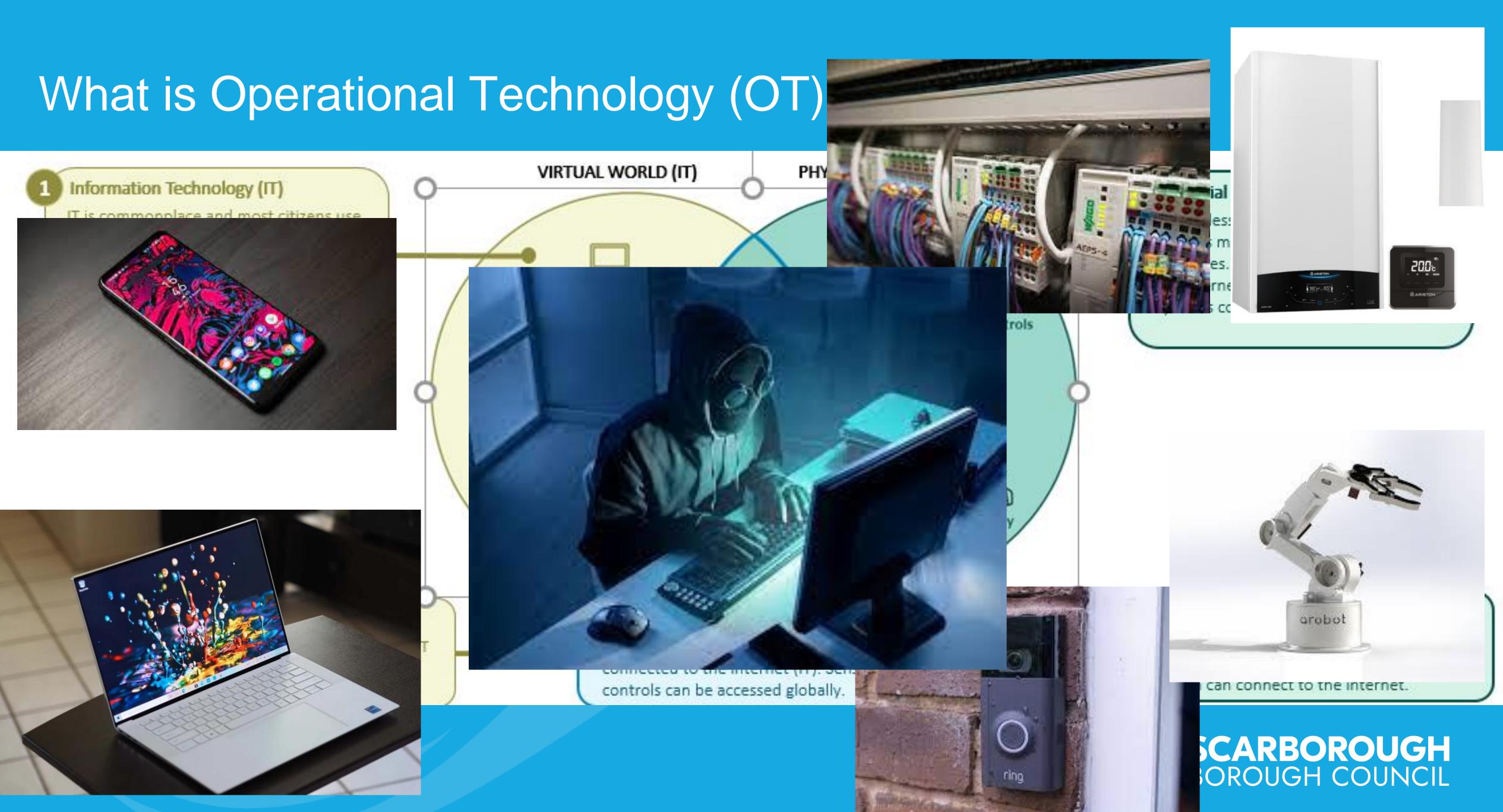
- To make Scarborough a safe and secure place to live and work, by raising awareness of online harms and cyber best practice

- To create a resilient, circular economy for up-skilling SMEs in digital skills and cyber security

- To make Scarborough a centre of excellence for Operational Technology security

What we will do

CITIZEN	SME	INDUSTRY	RESEARCH	GOVERNMENT
Make Scarborough the safest, most secure and digitally aware place to live and work online	Enable diversification of the supply chain	Create a globally leading hub of businesses that rely on Operational Technology (OT)	Lead the development of effective, secure hardware and physical systems	Become recognised as a technology leader, nationally and globally
Diversify industry talent through integration with the local community	Bring industry demand together with SME supply	Build on secure by design foundations	Anticipate disruptive technology trends for economic and societal benefit	Secure high value investment led by research and development
Encourage careers in digital technology and cyber security to address the skills gap	Ensure Scarborough is a frontrunner in cyber security infrastructure for SMEs	Turn Critical National Infrastructure risks into opportunities	Achieve scale through dual use technology development	Develop high value jobs and skills development through industry led transformation

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What have we done so far?

CITIZEN	SME	INDUSTRY	RESEARCH	GOVERNMENT

Cyber Security Network Group established with cross sector representation

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'Stay Safe Online' workshops	SME business support – Cyber Essentials accreditation.	Pilot programme funding secured from an industry partner	We are working closely with Coventry University	Positive relationship being developed with Department of Science, Innovation and Technology (DSIT)
Cyber First – a recognised programme to inspire young people to consider a career in cyber security.		Local industry representatives are actively involved in the North Yorkshire Cyber Security Network Group		
Cyber security work placement opportunities.		A pipeline of shared (and individual) OT-related business challenges has been identified for subsequent focussed work.	Collaborative relationships being established with local, regional and national organisations	Support for the establishment of a Cyber Security programme is included in the York &North Yorkshire Devolution plan
Citizen Science Challenge				

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Next Steps

Completion of pilot programme - March 2023

Refinement of Strategy and development of 'roadmap' and business case - March 2023

Develop and deliver Phase 2 activity - April 2023-March 2024

Present business case to Combined authority - April 2023 onward

Scale-up delivery across North Yorkshire – April 2024 onward

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Thanks for listening