

LONDON

Digital Security Centre

Protecting London's Businesses

@LondonDSC



MAYOR OF LONDON



Thursday 24th January 2019



Anglia Ruskin
University



Cyber Threat Intelligence Day



The London Digital Security Centre



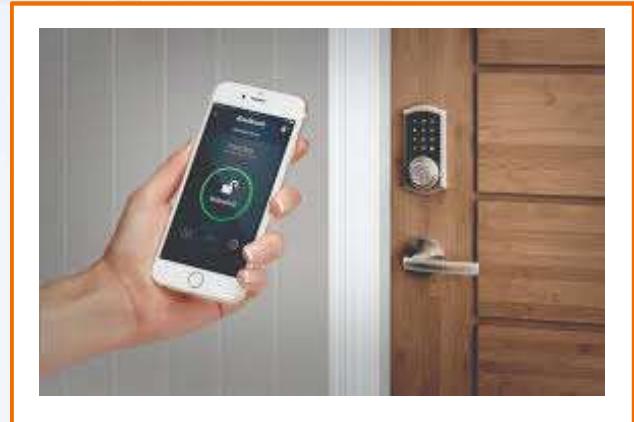
- 1 Not-for-profit set up by the Mayors Office for Policing;
- 2 Our focus is on the Micro/Small Business Community;
- 3 Now work across the whole of the UK.



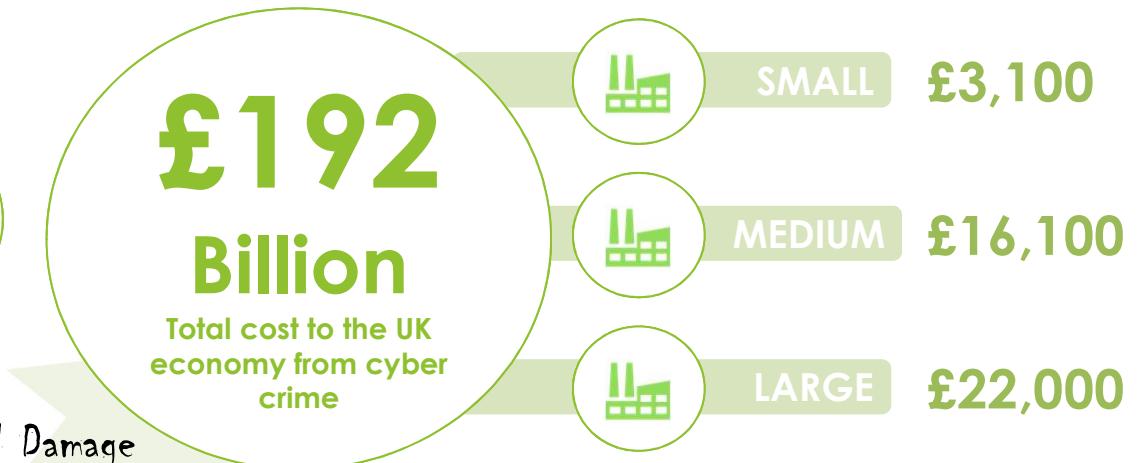
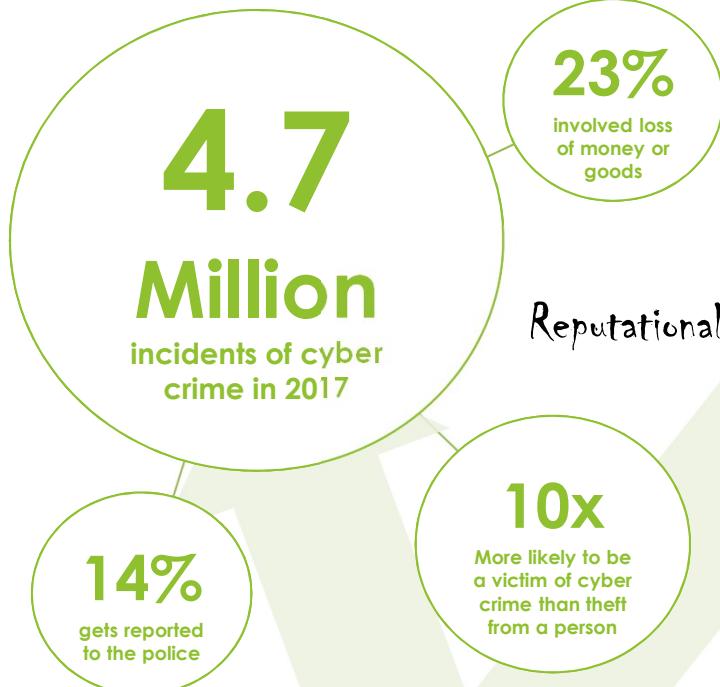
bsi.

- 4 Partnership with BSI
- 5 3 New Certification Schemes

- Cyber Security Companies
- SMEs (non-Cyber)
- IoT Devices (DCMS)



1. THE SCALE OF THE PROBLEM



Who are Cyber Criminals?

- Most cyber criminals are not sophisticated
- They are generally opportunists who don't see it as a crime
- Europol estimates the average age is 17

The 6 Types of Cyber Criminal

- 1 Mules
- 2 Professionals
- 3 Nation State Actors
- 4 Activists
- 5 Getaways
- 6 Insiders

BAE SYSTEMS

The Unusual Suspects

Cyber threats, methods and motivations



WHAT ARE THEY AFTER?



Identity Details



Intellectual Property



Financial Information



Business Information



What are the challenges facing law enforcement?



Skills and Capability



Volume of Incidents



A Truly Global Problem



Lack of Understanding



Lack of Joined-Up Working



Huge Underreporting



'Victimless Crime'?



Seen as a Business Issue...

...the 'deterrent effect'

TalkTalk



Matthew Hanley



Connor Allsopp

£77
Million

...convicted in November 2018

...building our intelligence capability...

ROUTINE
TASKED

VOLUNTEERED

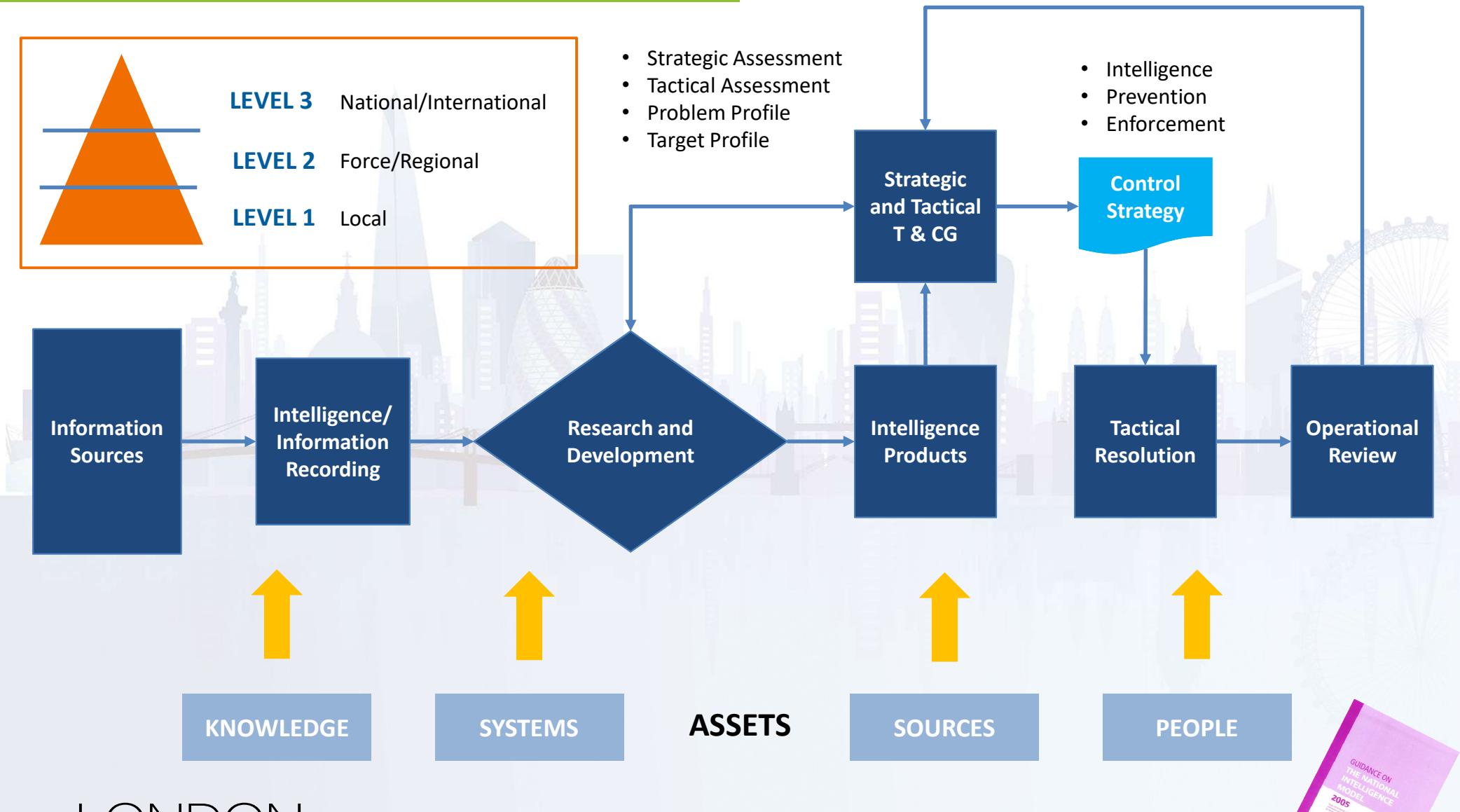


Setting Strategic Priorities...



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The National Intelligence Model



Where is the next threat coming from?...

1 More huge data breaches



2 Ransomware in the Cloud



3 Weaponisation of Artificial Intelligence



4 Cyber/Physical Hacks



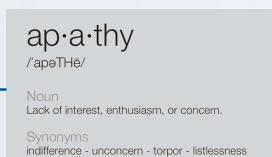
5 Mining Crypto-Currencies



6 Combined Attacks



7 Apathy



Where to get help...



National Centre for Cyber Crime

Pass cases to NFIB, part of City of London Police

Online and Phone reporting plus regular campaigns

0300 123 2040

@actionfraud

www.actionfraud.police.uk



Messaging consistent with NCSC

Police owned and led

Focus on SMEs

@LondonDSC

www.londondsc.co.uk



@LondonDSC

Questions?

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