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# LSCSB Cybercrime Update

**Detective Sergeant Pete Flynn**



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“Information and communication technologies have evolved over the last two decades and are now integrated into virtually every aspect of our lives. The UK is a digitalised society. Our economy and our daily lives are the richer for it”



## Key Points:

Cybercrime a Tier 1 Risk – Highest development priority over the next five years.

£1.9 billion set aside to transform the UK's cyber security over the next 5 years through:

- Money allocated already to fund Defence and Cyber Innovation procurement for defence/security.
- Improve Critical National Infrastructure.
- Enhance Cyber Security to minimise impact of computer misuse.
- Enhance and enable Armed Forces and Law Enforcement to support response to national cyber attacks.



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# A Change in Thinking – Change in Strands

No more Prevent, Protect, Pursue, Prepare  
within **Cybercrime Arena**



**NATIONAL CYBER SECURITY STRATEGY 2016-2021**  
Our vision: we are secure and resilient to cyber threats, prosperous and confident in the digital world

 <b>DEFEND</b> against cyber threats	 <b>DETER</b> our adversaries	 <b>DEVELOP</b> our skills and capabilities
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Supported by £1.5bn of transformative investment over 5 years and INTERNATIONAL partnerships

HM Government





1. Active Cyber  
Defence

2. Build a more  
secure Internet

3. Protect  
government,  
critical national  
infrastructure, and  
other priority  
sectors

4. Manage  
Incidents and  
understanding the  
threat

**Change Public and Business  
Behaviours**



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## Press release Wednesday 22 February 2017



HM Government

### Government urges people in London to take cyber security as seriously as home security

- 82% of households in the UK have double locks or deadlocks and 89% have window locks, but only 35% of people in London are following the Government's latest password advice
- Latest figures from ONS show that cyber crime was one of the most common offences committed in 2016, with an estimated 2 million cyber crime incidents, compared to 686,000 domestic burglary offences.
- New Government Cyber Aware vox pop film highlights the real impact that cyber crime can have on victims' lives: <https://www.youtube.com/watch?v=b4WBnVDPRXw>



## What have 'we' done?

- Digital Media Investigators continue in role assisting investigators
- Cybercrime Unit set up and Cyber Protect Officer employed
- Cyber Essentials
- Multi-agency Cyber Crime Strategy Meeting set up.
- Academic research conducted on employee attitudes and behaviours towards cybercrime



## What are 'we' doing?

- Cyber Partnership Protect Officer interviews.
- Fraud Vulnerability Officer being appointed. They will link in with the Cyber Protect Officer to ensure that victims of cyber enabled fraud receive appropriate advice
- Get Safe Online (GSOL) 'product' to be purchased regionally.
- Continue partnership working with local universities
- Cyber Essentials Plus





## Key Issues

- Lack of knowledge / awareness of 'cyber' vulnerabilities.
- Organisations / businesses continue to be at risk both from actions of their employees (malicious or accidental) and not looking after their computer infrastructure
- The general public need to be aware – it's not individuals, it's automated programs



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# NATIONAL CYBER SECURITY STRATEGY 2016-2021

## CYBER AWARE

The Cyber Aware campaign, formerly Cyber Streetwise, gives the public the advice they need to protect themselves from cyber criminals. Targeted messaging delivered through social media and advertising and in partnership with businesses promotes:

- using three random words to create a strong password; and
- always downloading the latest software updates.

Experts agree adopting these behaviours will provide small businesses and individuals with protection against cyber crime. Cyber Aware is currently supported by 128 cross-sector partners, including the police and businesses in the retail, leisure, travel and professional services sectors. In 2015/16 an estimated 10 million adults and 1 million small businesses stated they were more likely to maintain

or take up key cyber security behaviours as a result of the Cyber Aware campaign.

To find out more visit [cyberaware.gov.uk](http://cyberaware.gov.uk)

## CYBER ESSENTIALS

The Cyber Essentials scheme was developed to show organisations how to protect themselves against low-level “commodity threat”. It lists five technical controls (access control; boundary firewalls and Internet gateways; malware protection; patch management and secure configuration) that organisations should have in place. The vast majority of cyber attacks use relatively simple methods which exploit basic vulnerabilities in software and computer systems. There are tools and techniques openly available on the Internet which enable even low-skill actors to exploit these vulnerabilities. Properly implementing the Cyber Essentials scheme will protect against the vast majority of common internet threats.



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# Basic Cyber Hygiene Advice

- **Passwords - 3 Random words (letters, characters) store securely, change regularly, don't share, don't reuse**
- **Download software updates – including anti-virus**
- Public Wi-Fi - don't just connect - banking and shopping dangers
- Work devices - security all aspects online and offline
- Do not open emails / attachments or click on links (even if the sender appears known and trusted??)
  - If unsure contact sender in another secure manner especially if access/money requested.
- Regular backups
- Review your presence identify the risks
  - Stop and think before you post and share
  - Check your security settings regularly
  - Don't post private information – job – home - family
- Take action - today
- Continually review - [www.haveibeenpwned.com](http://www.haveibeenpwned.com) – notify me
- Keep up to date on new threats, scams and alerts

CYBER AWARE 

[www.cyberaware.gov.uk](http://www.cyberaware.gov.uk)



[www.getsafeonline.org](http://www.getsafeonline.org)

**ActionFraud**  
Report Fraud & Internet Crime  
**0300 123 2040**

[www.ActionFraud.police.uk](http://www.ActionFraud.police.uk)

Report your cyber crime to  
[www.leics.police.uk](http://www.leics.police.uk)



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Thank you for your time

DS 952 Pete Flynn  
Leicestershire Police



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