



Environmental Scanning

Economic Crime Directorate

External Issue

03.08.2016



Purpose and Objective

The content of this document is based upon information gathered from open sources by the City of London Police. The purpose of sharing this information is to increase the awareness of issues identified as potential forthcoming economic crime or fraud threats and emerging issues and trends (some may indeed be current).

Handling Instructions

This report may be circulated in accordance with the protective security marking shown below and caveats included within the report. The information contained in this report is supplied by the City of London Police in confidence and may not be shared, other than with the agreed readership/handling code, without prior reference to the City of London Police. Onward disclosure without prior authority may be unlawful, for example, under the Data Protection Act 1998. The cover sheets must not be detached from the report to which they refer.

Protective Marking:	Not Protectively Marked
FOIA Exemption:	No
Suitable for Publication Scheme:	No
Version:	V1.0
Storage File Location:	Performance
Purpose:	Environmental Scanning Report
Owner:	SDU
Author:	SDU
Review By:	SDU Outputs

Contacts

Questions regarding this document can be sent to NFIBOutputs@cityoflondon.pnn.police.uk

Disclaimer

The information contained within this product is for general information purposes only and does not necessarily represent the views of the City of London Police. The City of London Police produces this product to enhance public knowledge of reported potential forthcoming economic crime or fraud threats and emerging issues and trends. This is a product that is continually under development. While the City of London Police strives to make the information on this product as timely and accurate as possible, we make no claims, promises, or guarantees nor do we give any express or implied warranty about the accuracy, adequacy or completeness of the contents of this product, and expressly disclaim liability for errors and omissions in the contents of this product. Any reliance you place on such information is therefore strictly at your own risk. Efforts will be made to correct errors brought to our attention.

Reference herein to any specific commercial products, process, or service by trade name, trademark, manufacturer, or otherwise, does not imply its endorsement, recommendation, or favouring by the City of London Police. The views and opinions expressed herein shall not be used for advertising or product endorsement purposes.

In no event will we be liable for any loss or damage howsoever arising including without limitation, direct, indirect or consequential loss or damage, or any loss or damage whatsoever arising from loss of data or profits arising out of, or in connection with, the use of this product or reliance upon any information contained within it.

With respect to articles linked within this document, The City of London Police do not accept any legal liability or responsibility for accuracy, completeness, or usefulness of any of the information disclosed, or represent that its use would not infringe privately owned rights.

Any use of the information or other material contained in this document by you signifies agreement by you to these conditions.

NOT PROTECTIVELY MARKED

SOCIOLOGICAL/CRIME	
Pokémon Go	4
Last Minute Olympic Tickets Scams	4
Financial Authorities Propose Changes to Online Bank Transfers	4
Phishing Campaign Takes Advantage of Netflix Fare Rise	4
TECHNOLOGICAL	
Hackers Compromise the Checkout Process on Retail Sites	5
3D Printing May Be Used to Unlock Smartphone	5
Financial Authorities Propose Changes to Online Bank Transfers	5
Phishing Campaign Takes Advantage of Netflix Fare Rise	5
Code to Decrypt Shade Ransomware Infected Computers Released	6
LEGAL	
Changes to Furniture Copyright Law	6
France Tells Microsoft To Collect Less Data	6
ORGANISATIONAL	
Europol Teams Up With Cybersecurity Companies To Fight Ransomware Threat	7
SWIFT Teams Up With Cybersecurity Firms	7
CONSULTATIONS/PUBLICATIONS	
ONS Crime Survey for England and Wales March 2016	7
SFO Annual Report 2015-16	7
UPCOMING FRAUD EVENTS	
Future Fraud Conference Events	8-9
USEFUL STATISTICS AND REPORTS	
Useful ECD Statistics	10

Pokémon Go

Fraudsters have taken advantage of the popularity of the mobile gaming App Pokémon Go to launch a number of scams. Fake apps containing lock screen malware have been reported as well as scams offering people £500 worth of Pokecoins (an in-game currency) in exchange for personal details. Experts have also warned of privacy concerns involving the app.

Linked articles

- [IB Times](#)
- [Europe.Newsweek](#)
- [The Guardian](#)
- [Derbyshire Times](#)

Last Minute Olympic Tickets Scams

Hopeful buyers are being warned to be careful when trying to buy last minute tickets to the Rio Olympics in Brazil. A large number of sites selling fake tickets have been reported trying to take advantage of the demand for tickets.

Linked articles

- [The Guardian](#)
- [Action Fraud](#)

Financial Authorities Propose Changes to Online Bank Transfers

According to The Guardian, *“Payments UK, which represents all banks and other payments providers, has proposed introducing a “confirmation of payee capability” to the payments system. Although short on detail, the change would be likely to require some form of ID to become part of the payment process – the name of the account holder or some other notifier, such as a mobile phone number. Such a move would require an overhaul of the payments systems and could take several years to introduce.”*

Linked articles

- [The Guardian](#)

Phishing Campaign Takes Advantage of Netflix Fare Rise

A phishing campaign targeting Netflix customers has been identified by researchers at AppRiver. Phishing emails impersonating a Netflix account-verification email alerts the target victim of a possible “issue” with their account asking the person to click on the provided link in an attempt to steal customer’s Netflix login credentials.

Linked articles

- [Infosecurity Magazine](#)

Hackers Compromise the Checkout Process on Retail Sites

Researchers have identified new attacks on retail websites that redirects victims to third-party websites rather than the websites checkout. The victim thinks they are completing the checkout webpage but in reality have been redirected to the hacker's webpage and subsequently give their personal payment details to the hacker.

Linked articles

[SC Magazine](#)

3D Printing Used to Unlock Smartphone

Police in Michigan have used 3D printing to replicate a murder victims fingerprints to unlock their mobile phone.

This approach may appeal to police as it would stop their reliance on phone companies to get access to mobile devices. It also brings into question how secure the use of biometric data is as a security system.

Linked articles

[The Guardian](#)

[The Hacker News](#)

Google Takes Action Against Spam Callers

Google is hoping to aid users against spam callers with a new version of its phone app for Android devices that identifies and helps blocks spammers.

The phone app update is available for the Nexus line of smartphones and Android One devices. It checks incoming call numbers against a database and flags those that appear to be from spammers with a big red banner.

Linked articles

[The Guardian](#)

SMS Two-Factor Authentication Has Been Declared Insecure

The latest *US National Institute of Standards and Technology (NIST) Digital Authentication Guideline* states that SMS-based two-factor authentication (2FA) should not be used in future due to security concerns.

The report states that SMS-based two-factor authentication is insecure because website operators have no way to verify whether the person who receives the 2FA code is the correct recipient.

Linked articles

[The Hacker News](#)

TECHNOLOGICAL continued

[Return to Contents](#)

Code to Decrypt Shade Ransomware Infected Computers Released

The command and control servers for the Shade ransomware have been seized during an operation involving Europol, the Dutch National High Tech Crime Unit, Intel, and Kaspersky. Code has subsequently been published that allows anyone hit by the malware to decrypt their files.

The ransomware has been in circulation since 2014, and has predominantly targeted European computer users. Once downloaded the malware encrypts the computer's files and the file name. Thousands of computers are thought to have been infected.

Linked articles

[The Register](#)

Google and Dashlane Launch Open Yolo

Google and password manager Dashlane have announced a new project named, Open Yolo (You Only Login Once) that will allow password managers to log users into all of their apps instantly at once.

Linked articles

[The Guardian](#)
[Tech Radar](#)

LEGAL

Changes to Furniture Copyright Law

EU regulations which have recently come into force are extending the copyright on furniture from 25 years to 70 years after the death of a designer. This will mean that replica furniture that is legally being made and sold will soon be unavailable.

Retailers have been given six months to clear their existing stock.

Linked articles

[The Guardian](#)

France Tells Microsoft To Collect Less Data

The French data protection authority, Commission Nationale de l'Informatique et des Libertés (CNIL), has ordered Microsoft to stop collecting excessive data on users of the Windows 10 operating system and using this data to target them with personalised ads without their consent.

Linked articles

[The Guardian](#)

ORGANISATIONAL

[Return to Contents](#)

Europol Teams Up With Cybersecurity Companies To Fight Ransomware Threat

Europol is teaming up with cybersecurity companies to work on a website that will help combat the rising problem of Ransomware. The website aims to connect victims and police, giving advice on ransomware and providing help with data recovery.

Linked articles

[The Register](#)

SWIFT Teams Up With Cybersecurity Firms

SWIFT, the global provider of secure financial messaging services, has joined forces with cybersecurity firms BAE Systems and Fox-IT to improve its cyber security expertise. The move has been announced following another high profile hack that took place involving the SWIFT network.

Linked articles

[AFP Online](#)

CONSULTATIONS/PUBLICATIONS

ONS Crime Survey for England and Wales March 2016

Latest estimates from the Crime Survey for England and Wales showed a 6% fall in the number of incidents against adults for the survey year ending March 2016 (6.3 million, compared with 6.8 million in the previous survey year).

Following the addition of new questions, the survey estimated there were 3.8 million fraud and 2.0 million computer misuse offences experienced in the 12 months prior to interview.

Linked articles

[ONS](#)

SFO Annual Report 2015-16

The SFO have released their 2015-16 Annual Report.

The report reveals that the SFO convicted six defendants and recovered a total of £19.6m in 2015/16. Compared to £12.6m recovered in previous year.

Linked articles

[SFO Annual Report 2015-16](#)