function MM_ewspimgPestore() { \V2.0 if (document.MM_ewspimgData != null) for (var !=0; !<(document.MM_ewspimgData.lengtin-1); !+=2) document.MM_ewspimgData[i].src = document.MM_ewspimgData[i].sr

var imgFiles = MM_preloadimages.arguments;

If (document_preloadArray=anuli) document_preloadArray = new Array();

var i = document_preloadArray.length;

with (document) for (var |=0; |-kingFiles.length; |++) if (imgFiles[].charAt(0)|=",s")(

preloadArray[i] = new innage;

preloadArray[i] = new innage;

function MM_preloadimages() { //v2.0 if (document.images) {

-dide>H73/Aeriform-(111de> -meta http-equiv="Content-Type" content="text/intml; charset=1so-8859-1"> -aeta tanguage="JavaScript">

<htm><htm><

173/Aeriform</title>

<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
<script language="JavaScript">

function MM_preloadImages() { //v2.0

var imgFiles = MM_preloadimages.arguments; if (document.preloadArray==null) document.preloadArray = new Array(); var i = document.preloadArray.length;

with (document) for (var j=0; j<|mgFiles.length; j++) if (imgFiles[].charAt(0)!="#"){
preloadArray[i] = new Image;
preloadArray[i++].src = imgFiles[];

.tunction MM_swapImgRestore() { \langle \langl

function MM_ewapimage() { //v2.0

var i,j=0,objStr,obj,awapArray=new Array,oldArray=document.MM_awapimgData;
for (i=0: i < (MM_awapimage.arguments.length-2); !+=3) {

objŠtr = MM_swapimage.arguments[navigator.appName == "Netscape") ?i.i+1];
if ((objŠtr.indexOf['document.layers[]==0 && document.layers==null) ||
(objŠtr.indexOf['document.all]") ==0 && document.all ==null))
objŠtr = 'document+objŠtr.substring(objŠtr.lastindexOf[','), objŠtr.length);

val(objStr); = nuil) (

wapArray[j++] = obj; wapArray[j++] = (oldArray==pull II oldArray[j-1][=obj)?obj.em;oldArray

obj.src = MM_swaplmage.arguments[i+2];

Cybersecurity Cybercrimes

Can legislation effectively protect from online crimes?



CYBERCRIME

"A crime in which a computer is the object of the crime (hacking, phishing, spamming) or is used as a tool to commit an offense (child pornography, hate crimes)."

[Techopedia]

"An 'umbrella' term for lots of contractions of the which either take place online or where technology is a means and/or target for the attack."

[Bedfordshire Police]

"Criminal activity (such as fraud, theft, or distribution of child pornography) committed using a computer especially to illegally access, transmit, or manipulate data."

[Merriam-Webster]

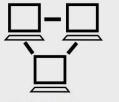
AND WHY SHOULD I CAREP

- People aged 15-25 are the biggest users of tech
 Average of 9 hours daily on media so 80% of our waking day is screen time
- Every day, 145 billion emails are sent around the world: 1 in 131 are trying to plant malware, ransomware or some form of data theft & 65% are spamming

Did you know?



Cybercrime is one of the fastest growing forms of transnational crime



Up to 80 million automated hacks occur every day

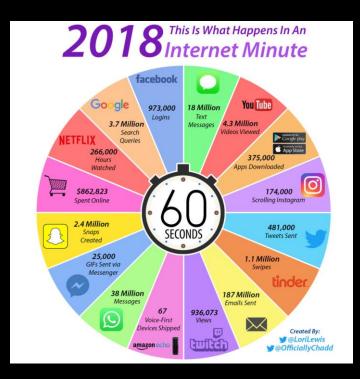


It has rapidly grown into a business that may exceed \$3 trillion a year



Identity-related offences are the most common and fastest growing forms of consumer fraud online

Cybercrime	Estimated Daily Activity
Malicious scans	80 billion
New malware	300,000
Phishing	33,000
Ransomware	4,000
Records lost to hacking	780,000



Facebook fined £500,000 for Cambridge Analytica scandal

① 25 October 2018











Facebook-Cambridge Analytica data breach



Facebook has been fined £500,000 by the UK's data protection watchdog for its role in the Cambridge Analytica data scandal.

The Information Commissioner's Office (ICO) said Facebook had let a "serious breach" of the law take place.

The fine is the maximum allowed under the old data protection rules that applied before GDPR took effect in May.

The ICO said Facebook had given app developers access to people's data "without clear consent".

How The Internet Can Make Hate Seem Normal — And Why That's So Dangerous









A person holds a sign that reads, 'Stronger than Hate,' as she joins with others for a Community-Wide Solidarity Vigil at the Holocaust Memorial Miami Beach to remember the victims of the mass shooting at a Pittsburgh temple on October 30, 2018 in Miami Beach, Florida. Joe Raedle-Getty Images

By KATY STEINMETZ Updated: October 31, 2018 8:10 PM ET

Phishing attacks see major rise

By Anthony Spadafora an hour ago Internet

Cybercriminals target finance sector with new phishing campaigns











New research from Kaspersky Lab has revealed that the number of phishing attacks rose by 27.5 per cent to reach over 137m in the third quarter of 2018.

According to the security firm's 'Spam and phishing in Q3 2018' report, 137,382,124 attempts to visit phishing sites were detected, which is more than half of the number of visits recorded during all of 2017.

The fast growth of phishing attacks is a continuation of a trend set earlier this year and these attacks have increased every quarter.





£15 Amazon voucher up for grabs

Vincent Consulting are contacting you on behalf of The Student Room, to ask you if you would be happy to be involved in some research about a potential new app that The Student Room are developing.

The research would involve you taking part in a 45 minute telephone call and reviewing some information about the app before the call takes place, this information would be sent to you by email. During the call we would need you to be able to view the information that we have sent you via a computer or tablet.

As a thank you for taking part you would receive a £15 Amazon voucher.

The telephone discussion would be arranged at a convenient time for yourself, this could be during the day, evening or weekend over the next two weeks.

If you are interested please complete this short online survey to gather some details about you and to check you are eligible to take part.

The personal information provided will only be used for research purposes, personal details are only shared with the project researchers from Vincent Consulting and Kate Siddall of KS Insight, and your information is stored securely and confidentially.

Find out more





We're

oting our

ompleting the

response to help improve our service.





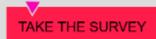


Thanks for visiting Nando's

Orpington - Walnut Centre recently. We'd
love you to tell us if we hit the spot or not by
filling out a short survey. It'll only take a

couple of minutes.

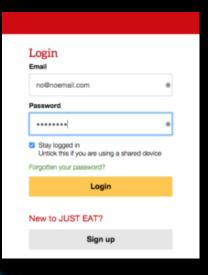
Every completed survey will also be entered into our weekly prize draw to win a £200 Nando's Gift Card.

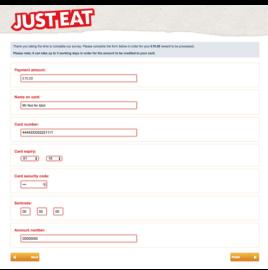


JUST EAT PHISHING SCANDAL MAY 2018

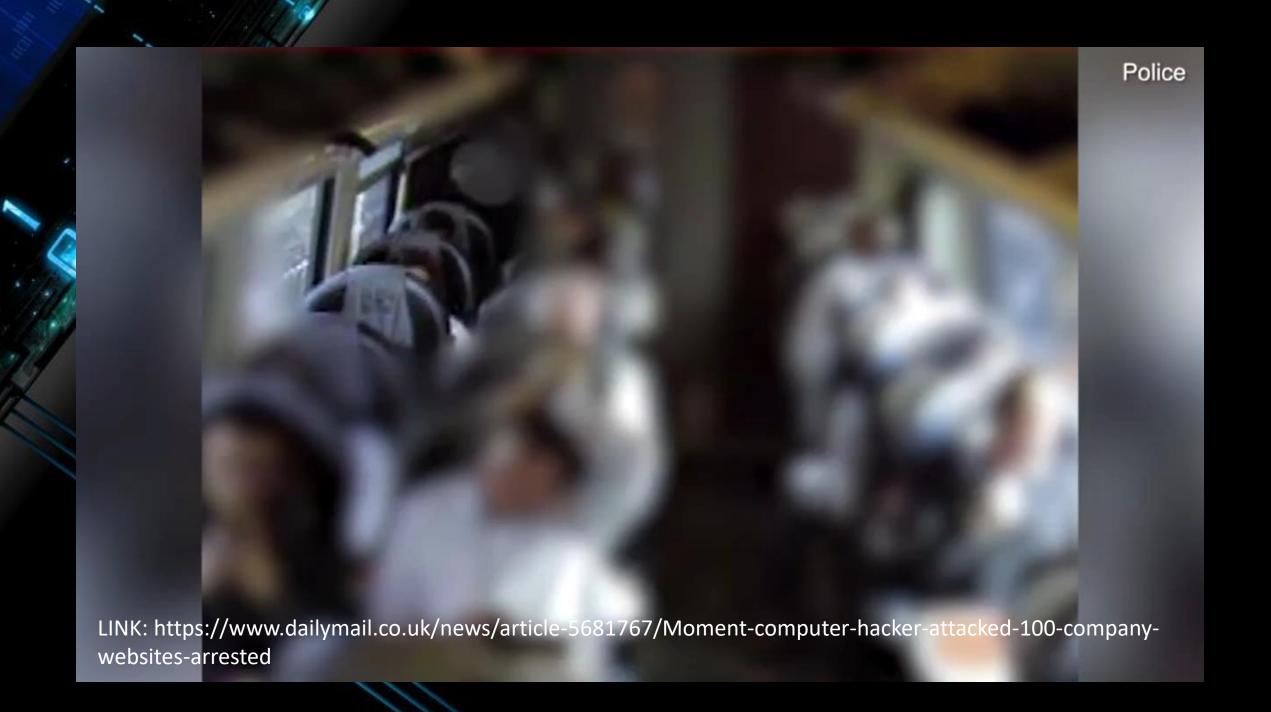
- Phishing software used to target JustEat customers and obtain their details to sell online
- Also used stolen credit card details to pay for items for himself
- Data card found in his caravan contained around 78 million usernames and passwords plus 63,000 credit and debit card details

• Scam set Just Eat back ≈ £210,000 in mitigation costs but also cost them their brand's reputation & customer trust





Verified by VISA		
Please enter your verified by visa	a password as asked below.	
Merchant:	Just Eat	
Amount:	+10.00 GBP	
Date:	14/09/15	
Card Number:	XXXX-XXXX-XXXX-1111	
Enter your password: Letters may be in Capitals	Forgotten your password?	
	Submit P Help Cancel	
This information is not shared with the merchant. THIS SERVICE HAS BEEN REQUESTED BY THE WEBSITE YOU ARE USING.		



JUST EAT PHISHING SCANDAL MAY 2018

- Broke the Computer Misuse Act (1990)
 - Banning the use of computers for malicious attempts
- So why was he so hard to catch?
 - Not all victims realised the emails were phishing emails
 - Didn't always directly take money using credit card details and instead used airmiles and fuel points
 - Sold details to other parties rather than directly taking money for himself
 - So well encrypted that Scotland Yard's cyberteam could not access his acts

SO WHAT CAN HELP...

- General Data Protection Regulation (2018)
 - Regulates the processing of personal data of individuals in the EU
 - Makes companies increase security on personal data
 - Increased fines for if this regulation is broken (deters criminals)
- EU ePrivacy Regulation (to be implemented...)
 - Repeals the Privacy and Electronics Communications Directive: e.g. new players, stricter rules, simpler rules on cookies, protection against spam, etc.
 - Protection against spam will reduce no. of phishing emails
 - Privacy rules apply to larger corporations restricting the personal customer data they can collect

SO THE CONCLUSION...

- Even though legislation exists, it may be very hard to enforce
- Some crimes are very hard to detect and trace
- Cybercriminals adapt as quickly as technology advances, hard for lawmakers to keep up
 - New legislation like GDPR and EU ePrivacy Regulation help but lawmakers are still one step behind cybercriminals
- Humans are the weakest link in security





References:

- https://iinfosec.com/graphics/responding-to-a-data-breach 94905049.jpg
- https://www.techopedia.com/definition/2387/cybercrime
- https://www.bedfordshire.police.uk/information-and-services/Crime/Cyber-crime-and-online-safety/What-is-cyber-crime
- https://www.merriam-webster.com/dictionary/cybercrime
- https://www.bbc.co.uk/news/technology-45976300
- http://time.com/5439713/online-hate-speech/
- https://www.techradar.com/au/news/phishing-attacks-see-major-rise
- https://www.dailymail.co.uk/news/article-5681767/Moment-computer-hacker-attacked-100-company-websites-arrested
- https://www.telegraph.co.uk/news/2018/05/02/computer-hacker-stole-customers-data-hundreds-top-companies/
- https://www.mirror.co.uk/news/uk-news/couple-hacked-servers-just-eat-12149475.html
- https://i.ndtvimg.com/i/2017-09/cyber-crime-generic-istock 650x400 81504427706.jpg
- https://www.keepnetlabs.com/phishing-statistics-you-need-to-know-to-protect-your-organization/
- https://blog.barkly.com/phishing-statistics-2018
- https://blog.dashlane.com/phishing-statistics/
- https://en.oxforddictionaries.com/definition/troll
- https://www.telegraph.co.uk/news/uknews/law-and-order/11627180/Five-internet-trolls-a-day-convicted-in-UK-as-figures-show-ten-fold-increase.html
- https://www.legislation.gov.uk/ukpga/2003/21/section/127
- https://www.lawcom.gov.uk/abusive-and-offensive-online-communications/
- https://s3-eu-west-2.amazonaws.com/lawcom-prod-storage-11jsxou24uy7q/uploads/2018/10/6 5039 LC Online Comms Report FINAL 291018 WEB.pdf
- https://www.theguardian.com/society/2018/nov/01/criminal-law-not-keeping-pace-with-digital-world-report
- https://www.abc.net.au/news/2017-03-15/tara-moss-shines-light-on-trolls-and-cyber-hate-in-tv-series/8355858
- https://www.helpnetsecurity.com/images/posts2018/mcafee-022018-impact1.jpg
- https://www.theguardian.com/uk/2012/sep/20/police-killings-arrest-cregan-facebook
- https://www.localsolicitors.com/criminal-guides/the-law-on-cyberbullying
- https://www.telegraph.co.uk/news/uknews/law-and-order/11627180/Five-internet-trolls-a-day-convicted-in-UK-as-figures-show-ten-fold-increase.html
- https://www.lawgazette.co.uk/news/high-threshold-for-offensive-social-media-prosecutions/68816.article
- https://metro.co.uk/2018/11/08/grenfell-six-go-into-hiding-as-friends-deliver-food-and-theyre-taken-to-secret-location-8116561/
- https://www.scottishlegal.com/article/man-uploaded-grossly-offensive-nazi-salute-video-avoids-custodial-sentence
- https://www.theguardian.com/news/2018/mar/17/cambridge-analytica-facebook-influence-us-election
- https://techcrunch.com/2018/10/07/eprivacyhttps://www.theguardian.com/news/2018/mar/17/cambridge-analytica-facebook-influence-us-election
- https://techcrunch.com/2018/10/07/eprivacy-an-overview-of-europes-other-big-privacy-rule-change/
- https://www.itgovernance.co.uk/eprivacy-regulation-epr-an-overview-of-europes-other-big-privacy-rule-change/
- https://www.itgovernance.co.uk/eprivacy-regulation-epr
- https://www.theguardian.com/news/2018/mar/17/cambridge-analytica-facebook-influence-us-election
- https://techcrunch.com/2018/10/07/eprivacy-an-overview-of-europes-other-big-privacy-rule-change/
- https://www.itgovernance.co.uk/eprivacy-regulation-epr
- https://eur-lex.europa.eu/legal-content/EN/LSU/?uri=CELEX:32016R0679
- https://i.pinimg.com/originals/cb/2d/04/cb2d046074a8e889cdb1ab059722c933.jpg
- https://eugdpr.org/the-regulation/
- https://safehackuk.com/gdpr-why-we-need-it/
- https://media.istockphoto.com/photos/question-marks-and-binary-code-picture-id164751952?k=6&m=164751952&s=612x612&w=0&h=SmTed4KPWCGvQbg3v2FJ-JBN4eXHpmw32vsp7OKEbuE=
- https://www.bbc.co.uk/news/technology-45976300