



Digital Security

Barclays Business Club



Introduction

Andrew Dixon

- Business Digital Eagle
- 15 Years in Barclays
- Google Squared
- Photographer/Videographer

In Partnership With



Cyber Threats to UK Businesses

- Phishing and Spear Fishing
- Malicious Software
- Invoice Fraud
- Data Theft

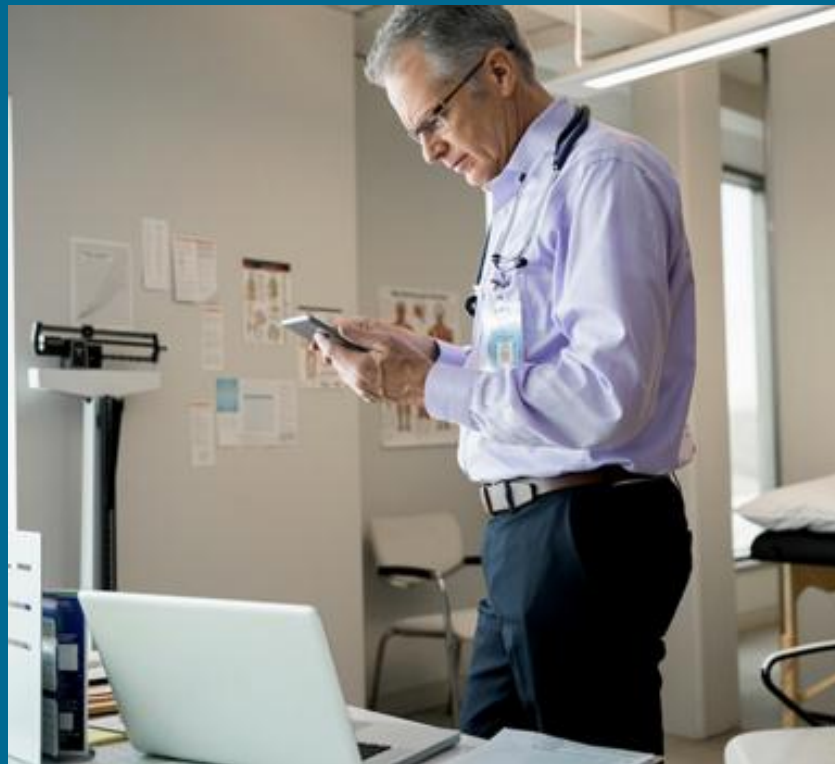


The Hacker Mindset

Social Engineering

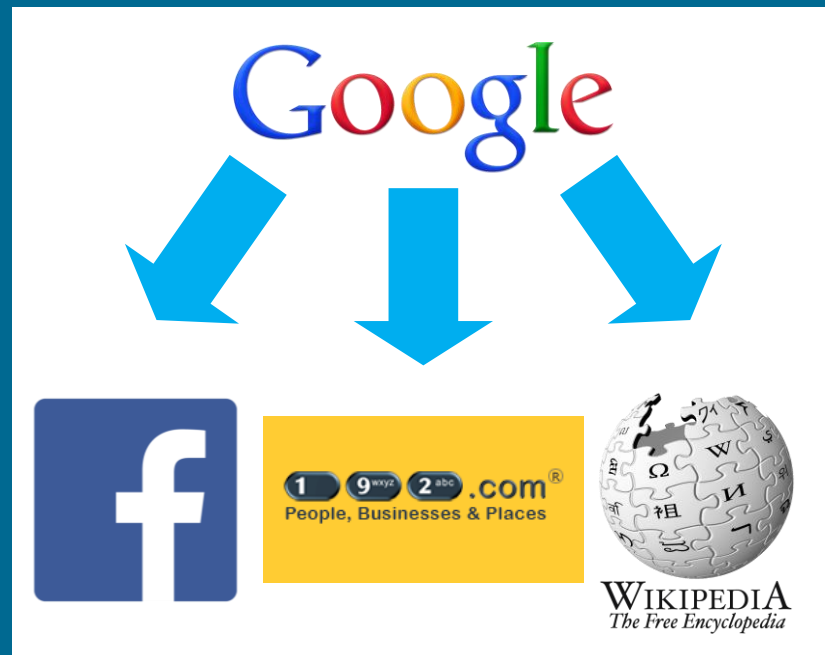
“Social engineering is a non-technical method of intrusion hackers use that relies heavily on human interaction and often involves tricking people into breaking normal security procedures.”

<http://searchsecurity.techtarget.com>



How Does a Hacker Get My Information?

They start with a Search- then find everything else related to you.



Live Demonstration

Welcome

Mike Wicks



Digital Footprint




What I found in less than 60 minutes:


- Lives with Dawn Wicks in a semi detached house at 74 xxxxx, purchased on 26th January 2001
- Dawn's maiden name is xx
- Married on xxx
- On the 30th April 2016 Mike will be out the house from around 19:00

Where did I get that information from?

Wicks, Mr. M
£17.50 *135093708*
SEAT: 113

Forum Theatre
And Finally.....Phil Collins 2016
Sat 30 Apr 2016 at 19:30
Amount: £17.50 **I 13**
Mr M Wicks **Order: 135093708 - 9**
Book Online at www.forumtheatrebillingham.co.uk


Riverside
LEISURE PROMOTIONS LTD
Forum Theatre, Town Centre,
Billingham TS23 2LJ
www.forumtheatrebillingham.co.uk
Box Office: (01442) 552663

Funded  by
STOCKTON ON TEES
BOROUGH COUNCIL

Spear Phishing Email Creation



Dear Mr M Wicks,

Thank you for purchasing tickets to see And Finally Phil Collins with us on the 30th of April.

We are currently warming up your seat your seat I13 and wondered if you would mind helping us out a little. Our website is currently under consideration for development and we value the feedback from our customers.

Could I ask you to spend just a few moments of your time and send us some feedback about your booking experience. You can reply directly to this email or to make things even more specific and to give you a chance to upgrade your visit to a VIP experience, where you will be escorted to your seats with all your drinks in the evening on us, click the below link. Due to popular demand this link will only be available until midnight 13/04/2016.

[Give feedback and enter our VIP Draw to win free drinks on your scheduled visit.](#)

1 Computer vs Your Password

qwerty

Years

0 0

Days

0 0

Hr

0 0

Mins

0 0

Sec.

0 0

Ms.

0 7

1 Computer vs Your Password

Loqahecyt6!

Years

1 4

Days

7 8

Hr

1 4

Mins

3 3

Sec.

5 6

Ms.

5 1

Top 10 Most Used Passwords!

- | | |
|--------------|-------------|
| 1. 123456 | 6. qwerty |
| 2. 123456789 | 7. 111111 |
| 3. password | 8. monkey |
| 4. adobe123 | 9. football |
| 5. abc123 | 10. dragon |

Distributed Denial of Service



An attack where multiple compromised systems, which are often infected with a Trojan, are used to target a single system causing a Denial of Service (DoS) attack.

How to Protect Your Business

Survey

- User Education

Delivery

- Password Policy
- Secure Configuration
- Malware Protection

Breach

- Monitoring
- Patch Management
- Malware Protection
- User Training
- Network Perimeter Defence
- Secure Configuration
- User Access

Affect

- Controls for the affect stage

Barclays Digital Security

Free Kaspersky Internet Security
2016.



Barclays Cloudit; secure, cloud based,
document storage.



Barclays Digital Security

Webroot SecureAnywhere for .net customers.



| Q and A

