Hampshire Cyber Crime Unit

Piers Rochford
DII Cyber Protect Officer

Current Cyber Threats

- Last 12 months 39% of business identified a cyber attack
- 1 in 5 attacked experienced negative outcome as a result
- Costs to business average £4200
- Only 19% of business have a formal action plan
- Low awareness around NCSC Cyber Essentials (Plus)

Current Cyber Threats

- Phishing
- Stolen / Weak Credentials
- Updates and Patching

- **Realistic Risks**
- ➤ Ransomware
- ➤ Business Email Compromise
- ➤ Social Media Account Takeover

Phishing (Not Just Emails)

...click HERE to find out more – NOW!
- Malware
- Malicious Website

- Money making to collect password data
- First step in a targeted attack against your company
- Targeting a person or role in your company

Stolen and Weak Credentials

- Leaked data
  - Available on Clear Web or Dark Web
  - Free or payment required

- Common or easily guessed passwords

- Reusing passwords

Updates and Patching

- Vulnerability management
- Zero-day vulnerabilities
- Considerations and *risks* around BYOD

Ransomware

- Malware that prevents you accessing your device(s)
  - **Access / Reconnaissance**
    - Activation
    - Demand

- Should I pay?

- Prevent / Prepare

Business Email Compromise

- Threat to all organisations, of all sizes, in all sectors.

- Targeted!
- Carefully crafted to look and feel convincing (Phishing)
- Date or event specific
- Emails may contain additional payloads
- Examples – Email Rules, Telephone Backup and Fictitious Employees

Social Media Account Takeover

- Why is this included?

  - Increasing common
  - Loss of marketing options
  - Complete loss of social media
  - **Reputational risks**

CyberCrimeUnit@hampshire.police.uk