

Professor Richard Benham

Chairman of The National Cyber Management Centre

Professor of Cyber Security Management

Professor of Policing Studies

Founder of The Cyber Trust

Professor Richard Benham

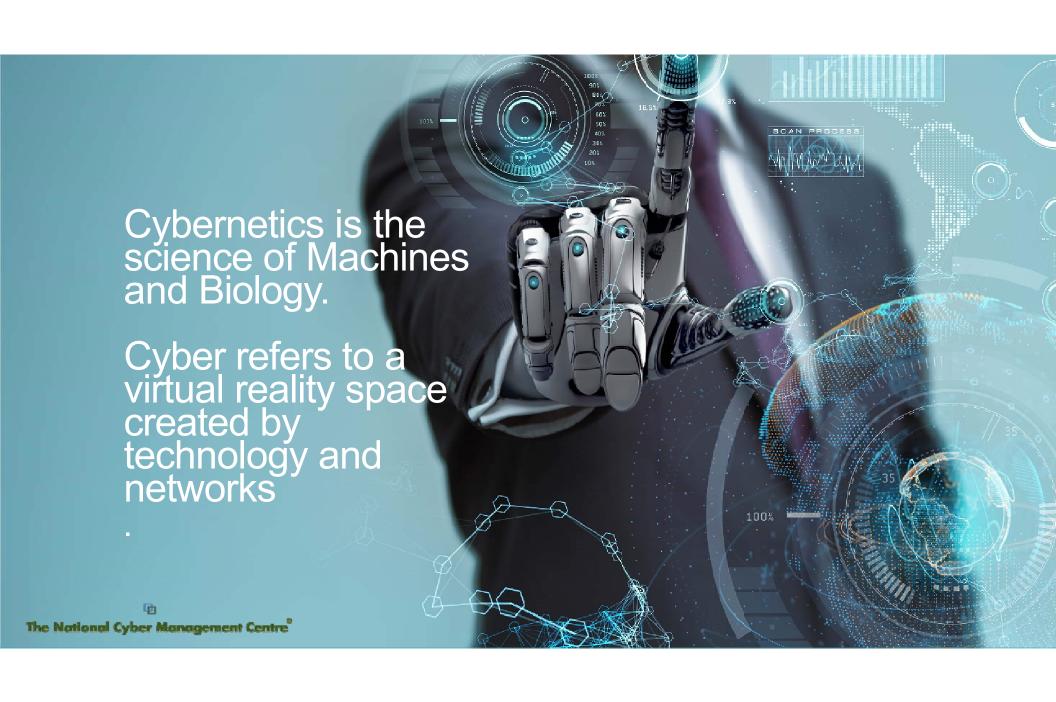
12 years in Banking and Insurance

11 years in Law Enforcement

10 years in Cyber and Academia

Independent







The Cyber Ripple Theory®

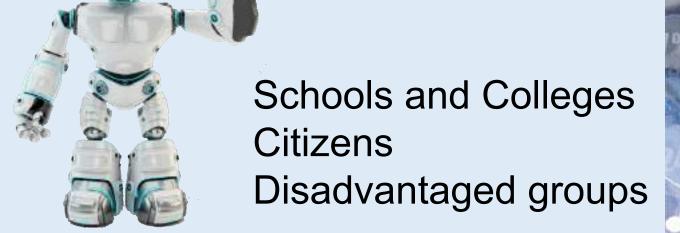
"It states that the effect of a cyber attack on an organisation or Individual has a destructive cascading effect on both the connecting technology and the human aspects that are linked.

The extent of the destruction depends on the awareness and protection levels built around the sequential points of the attack."

Professor Richard Benham - May 2012

Six Layers of Threats

Global Government Business



Why does this matter?



National Critical Infrastructure

Theft of IP and designs

False accounting and ransoms

Why does this matter?



54% of reported crime last year in the UK was cyber related.

Legislation and accountability

Citizen awareness / self protection



At least 20,00 Tesco Bank customers had money from their accounts in the "most serious" hack to ever hit the UK banking sector. Another 40,000 customers reported 'suspicious activity' as fraudsters accessed confidential account information

An attack on Bangladesh's central bank yielded \$101 million. Ecuador's Banco del Austro was hit for \$12 million. The message from SWIFT, which was first reported by Reuters, urges banks to protect themselves against the "persistent, adaptive and sophisticated" attacks, which use a similar method to crack their local security systems



49%

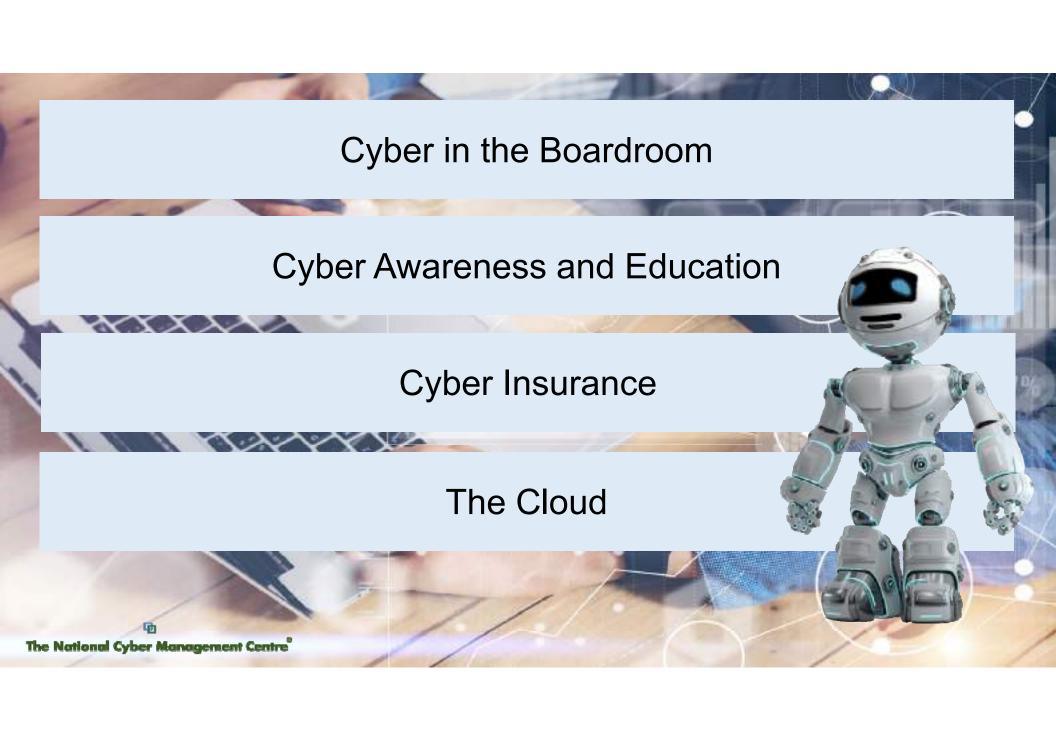
49% said the biggest damage was interruption to business

72%

72% had received bogus invoices

43%

43% didn't know where the data was physically stored













The National Cyber Management Centre



- 1. Odd email if in doubt don't open
- 2. Passwords do not write down
- 3. Documents if its sensitive mark it so
- 4. Workspaces clear desk / no plug ins
- 5. Social media care when sharing
- 6. Remote working know the risks
- 7. Report anything odd always!

YOU ARE THE FIRST LINE OF DEFENCE





The National Cyber Awareness Course

7th September 2015



Launch Event







