Protecting your Cyber Identity

UN-IGF Dec 2016

Andy Smith    Louise Bennett    Ian Fish

BCS Security Community of Expertise
Who is the BCS?

- BCS The Chartered Institute for IT
- Formerly British Computer Society
- International organisation
- 70,000+ members worldwide

www.bcs.org
Online Identity – Why it's important?

Business
amazon.com
first direct
HSBC
TESCO
Google

Government Services
Directgov
Public services all in one place
Microsoft
CHASE
DWP Department for Work and Pensions

GOV.UK

Online Commerce

Social Networking
facebook
Friends Reunited

Entertainment
PlayStation Network
amazon MP3
YouTube

The Chartered Institute for IT
GET THE BASICS RIGHT!

Configure Encrypted Storage

Install Software

Remove unused components

Disable unused Services

Lock down OS

Install Personal Firewall, Anti-Virus, Anti-Spam and HIDS

Configure Two-Factor Authentication

Create an ID

Physical Device
Aspects of Identity

BCS Yearbooks
Available online

2011-12
2012-13
2013-14
2014-15
2015-16

bcs.org/identity
How to recognise good
Identity Schemes

• The purpose of a scheme - What’s it for?
• Levels of assurance – How strong is it?
• Target market – Who’s it for?
• Commercials – Who pays?
• Liability – Who carries the can?
• Practicalities and ease of use – How well does it work?
• Moves and changes – Can I easily update my credentials?
• Record-keeping – Where’s my digital exhaust?
• Interoperability – Does it share my identity?
• Cyber – Is it at risk?
• Fraud and error – Who’s checking?
• Restitution and redress – Who handles disputes?
“On the Internet, nobody knows you’re a dog.”

What have we missed?
BCS Workshop

Preventing Exclusion via Cyber Identity

Workshop Room 6 10:45 – 11:45

Please join us!!