

Lord Erroll - Merlin

Member of the HOUSE of LORDS - an Independent Peer

PITCOM Parliamentary Information Technology Committee
EURIM European Information Society Group (Director)
apComms All-Party Communications Group (Secretary)
LASSeO Local Authority Smartcard Standards e-Organisation
E-RA E-business Regulatory Alliance (President)
ISSA UK Information Systems Security Association Advisory Board
Nominet UK Policy Advisory Body
All-Party Group for Entrepreneurship (Vice Chair)
Select Committee on Science & Technology – Personal Internet Security

www.e-ra.org.uk

PGP

GTC

www.SecretSommelier.com

CRC

Evaluating Risk & Resourcing Response in the New Economics - a Political Perspective

Taking around half a microcentury

When there are only two possible courses of action,
The enemy will always take the third.

The Citizen & The State

The Citizen expects to be protected

“We must help citizens - for their own good”

“I have done nothing wrong, I have nothing to fear”

But what if “they” get your data mixed up?

BALANCE

-COMMUNICATION-

we use language differently

ENABLEMENT

VRM

I own my data

“Identity Assurance”

Advisers

Flexibility & Discretion

Consent

Common Law

CONTROL

CRM

We own citizens' data

“Identity Management”

Inspectors

Process & Procedure

Demand

Statute Law

Life is to be lived

Puritanism is the haunting fear that
someone, somewhere
might be enjoying themselves

Risk Takers v. Safety & Security
Entrepreneur v. Corporate

Rules cannot control a Complex System

- A complex system is not deterministic
 - An identical set of circumstances will have different outcomes on subsequent occasions
- Rules only affect a few nodes and links
 - The law of unintended consequences
- We can define boundaries to behaviour
 - Common Law (British Law)

Plus ca change, plus c'est la meme chose



Transformational Government

The driver for Data Sharing

“Tell us once” - Varney

Identity Management

Government Enterprise Architecture

Prevention of Crime

Enablement of Service Delivery

-A vulnerability outside your control- Enforced data disclosure to the state

- RIPA - Regulation of Investigatory Powers Act
- ATCSA - Anti-Terrorism, Crime & Security Act
- DPA - Data Protection Act
- CDA - Communications Data Bill (Act)

Cross-Border LEA co-operation
Patriot Act

Anti Money Laundering & KYC

Interception Modernisation Programme

Anonymity vs Traceability

DATA LEAKAGE

30% ILP - DLP

70% PLP

Half Accidentally lost or stolen

Half **People can be seduced**

- Money
- Ideals
- Social Engineering

MISTAKES



WHAT SOLUTIONS?

Technology alone cannot protect us

But it can help – PETs

Train & Blame doesn't work

But we can prevent carelessness

2 Channel authentication

It is easier to attack predictable, procedural protection

Games Theory

Games

Cameron vs Brown

419er vs Intelligent Person

Instinct vs Evaluation

Random vs Predictable

Murphy & Kelly's Laws

The biggest risk is to cease to trade

Corporate Wisdom, Knowledge & Information

Sales vs CISO

Social Network vs Walled Garden

SMEs vs Corporations

Flexibility vs Planning

Digital World - Security

It is easy to exchange information securely

Surveillance is a useful tool

Chinese Walls

Privacy vs Tailored Service

A Mobile Digital World

People carry their knowledge in their heads

Obama's campaign

Adult Illiteracy - Digital Divide

FINAL THOUGHTS

Government Efficiency v. Privacy for the Citizen

- Citizen wants to control their own life
- Government has a duty to protect the vulnerable

Impact of data misuse

- Mis-interpretation vs. Non-interpretation

Protect the data, not just the location

- Allow only authorised access anywhere it goes

Who is accountable

- Beware muddled responsibilities

Nothing Changes –who & when?

**The budget should be balanced,
the Treasury should be refilled,
public debt should be reduced,
the arrogance of officialdom should be tempered
and controlled,
and the assistance to foreign lands should be
curtailed lest R... become bankrupt.
People must again learn to work, instead of
living on public assistance.**

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