

Malcolm Crompton

Identity & privacy in the future digital society: Electronic ID in a Europe without barriers

High Level Conference on “eID and Public Registers”, hosted by the Czech Presidency of the European Commission

*Hradec Králové, Czech Republic
7 April 2009*



Coming to an organisation near you...

DATA BREACH

EDS To Pay For SSN Error

Saying that the company was "deeply regretful" for a printing error that exposed Social Security numbers on envelopes sent to more than 260,000 Wisconsin residents,

Electronic Data Systems (EDS) announced that it would pay for ID theft insurance and credit monitoring for all those affected by the

DATA BREACH -- UK

Carphone Warehouse In Fix After Breach

British mobile phone retailer Carphone Warehouse and sister company TalkTalk have been ordered to bring data privacy and security practices in line with the Information Commissioner's Office demands,

or face "unlimited fines" for the release of personal information of

DATA BREACH

100,000 Docs' IDs At Risk Follow Wisconsin's WEAU television news Web posting by California-based health insurance firm that the breach occurred in

DATA BREACH

California Lawmaker Wants To Toughen Breach Law

State Senator Joe Simitian has drafted two new bills designed to stiffen California's data breach law, including one that would outline new breach notice requirements and consumer notification requirements that require breach notices to be sent to consumers as early as possible after the breach is understood.

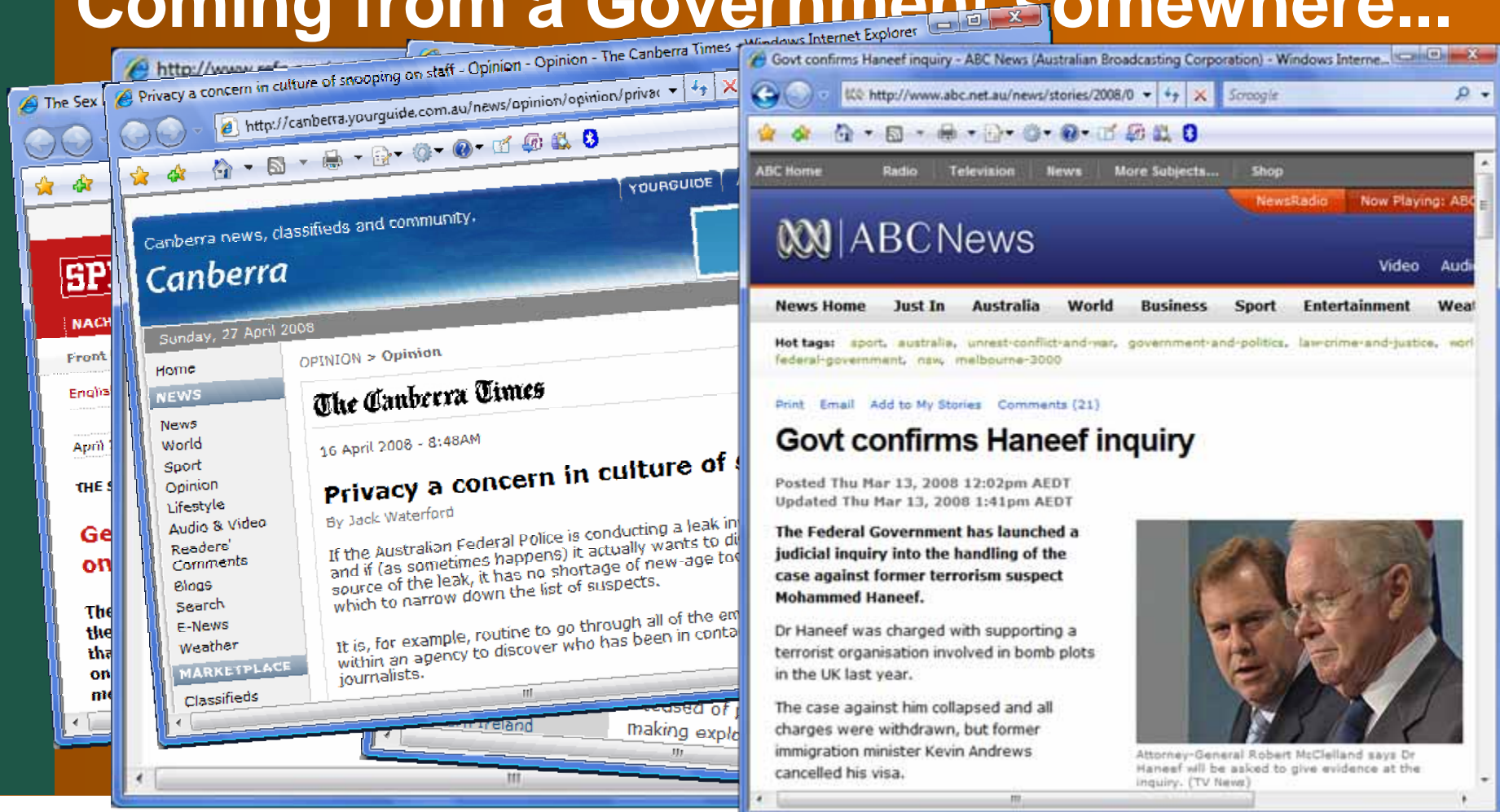
ONLINE MARKETING

ValueClick To Pay \$2.9 Million To Settle FTC Charge
According to an agency press release, The Federal Trade Commission has ordered online advertiser ValueClick, Inc. to pay \$2.9 million to settle a charge of violating the CAN-SPAM Act, the date based on the 2003 CAN-SPAM Act.

The impostor in the ER

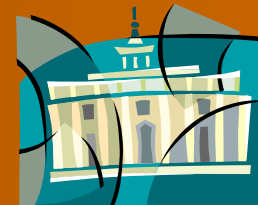
Medical identity theft can leave you with hazardous errors in health records

Coming from a Government somewhere...



And the online world has changed the rules

- Privacy principles ineffective in the face of the tidal wave of new technology
- Capacity to range through vast amounts of information
- Digital footprints allow behavioural targeting
- Not just individuals who can pretend they are someone else



facebook



Culture & History also important

Why are many of the countries based on
Anglo cultures so fussed about IDM?

Take Scandinavia

- Citizens appear more willing to trust government with their identity
- High levels of trust through history of openness – FOI & stronger accountability?

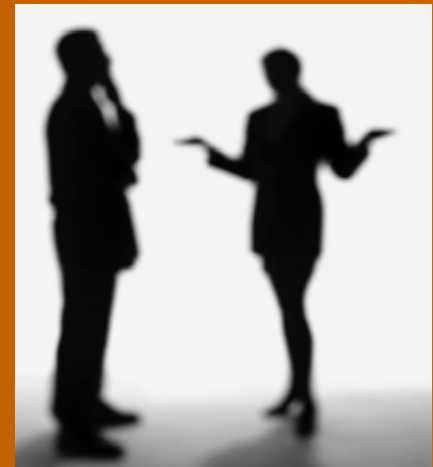


**“Use Cases for
Identity Management
in E-Government”**

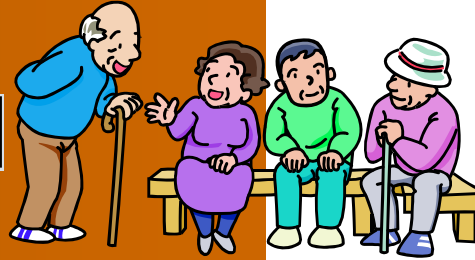
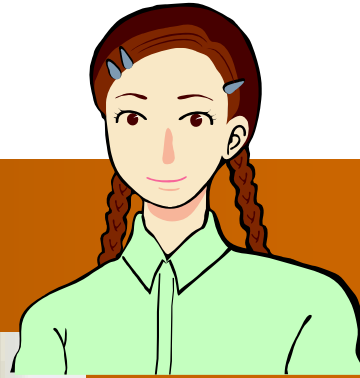
**Robin McKenzie,
Malcolm Crompton,
Colin Wallis,
*IEEE Security and
Privacy*, vol. 6, no. 2,
pp. 51-57, Mar/Apr, 2008**

<http://doi.ieeecomputersociety.org/10.1109/MSP.2008.5>

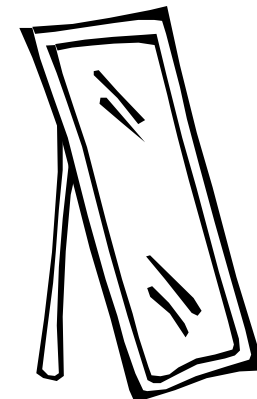
“Managing” “identity”: problem or solution?



Identity?



... a very personal concept



“Managing” “identity”: Whose risks are you managing? What’s your concern?

- Identity fraud, identity theft, identity takeover?
- Border control?
- Traveller identification?
- The bottom line?



This isn't lost on the individual ...

Broad
consents

More
EOI

Logging &
Monitoring

Inadequate
Accountability

Unexpected
uses

Lack of
Control

Burden
of Risk



The Great Trust deficit:
"You don't trust me, so
why should I trust you?"

The trust deficit – Impact

We avoid engagement

We defend – minimise or falsify our responses

We call for more law regardless of impact

Opportunities missed to develop close relationships

Solutions go on the scrap heap

New security vulnerabilities – more information collected than needed creates the ID fraud honey pot



Implications for identity management

- User centric + mutual trust
- It's no longer novel:
 - LSE “Identity Project”
 - “Laws of Identity” & “TrustGuide”
 - OPC Australia & IIS



etc

Identity management – the future

User centric becoming mainstream

- Decentralisation in identity brokering – OpenID
- Identity selectors – Cardspace, Higgins
- Microsoft – Credentica purchase
- Cooperation and interoperability

User centric good stories emerging

Austria

New Zealand State Services Commission

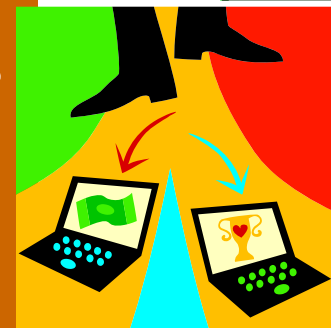
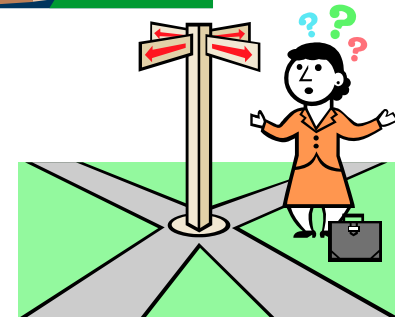
Australian Government Online Services Portal

- User control
- Pseudonymous identity provider



Questions for governments

- How will you gain citizen trust where choice not an option?
- What is your agenda for stronger identity management?
- Are you willing to be transparent about your agendas?
- If you cannot be fully transparent are you prepared to be highly accountable?
- Are you willing to take responsibility for fixing failures?



User Centric Identity Management:

It's not an oxymoron

It's inevitable

**INFORMATION
INTEGRITY
SOLUTIONS**

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