It will never happen to us: The likelihood and impact of privacy breaches on health data in Australia

Dr Trish Williams
eHealth Research Group, School of Computer and Security Science, Edith Cowan University

Emma Hossack
Extensia
President, International Association of Privacy Professionals & Medical Software Industry Association
GET ALL THE INFORMATION YOU CAN, WE'LL THINK OF A USE FOR IT LATER.
Overcoming the barriers

“..the most effective way of controlling information about oneself is not to share it in the first place.”

Professor Froomken *The Death of Privacy*
Recent Changes

- Privacy Amendment (Privacy Alerts) Act 2013
- The Caldicott Report, *To Share or Not to Share*,
- Concept of Consent has shifted - World Economic Forum,
- State of Privacy Awareness in Australian Organisations May, 2013
- The OAIC will become more like ASIC
- The OAIC Guide to Information Security May 2013
- Statutory breach back on the table May 2013
Defence under investigation over privacy breach
Types of Breaches

- hacking/IT Incident
- improper disposal
- loss and theft
- unauthorised access
- unauthorised disclosure
- other or unknown
Problem in breach detection
What to address
Culture

THE ART OF SECURITY CULTURE AND 21ST CENTURY RISK MANAGEMENT
Governance
Leadership

You can lead by example, or you can hold the job a lot longer by using the "subtle nudge" technique on guy next to you – when no one's looking.
Privacy Program
Conclusion:

• The five key principles
• Will future breaches in Australia be treated differently?
Questions?

- Presented by Emma Hossack & Trish Williams
  - trish.williams@ecu.edu.au
  - ehossack@extensia.com.au