

How to Promote PET Usage

Roger Clarke

Xamax Consultancy, Canberra

Visiting Professor in Cyberspace Law & Policy, UNSW, Sydney

Visiting Professor in Computer Science, ANU, Canberra

Chair, Australian Privacy Foundation

Secretary, Internet Society of Australia (ISOC-AU)

<http://www.rogerclarke.com/DV/PETPromo-1405> {.html, .pdf}

Politics of Surveillance Workshop

Uni of Ottawa

9-10 May 2014

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Privacy-Enhancing Technologies

- Tools, standards and protocols that directly assist in the protection of the privacy interest

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Privacy-Enhancing Technologies

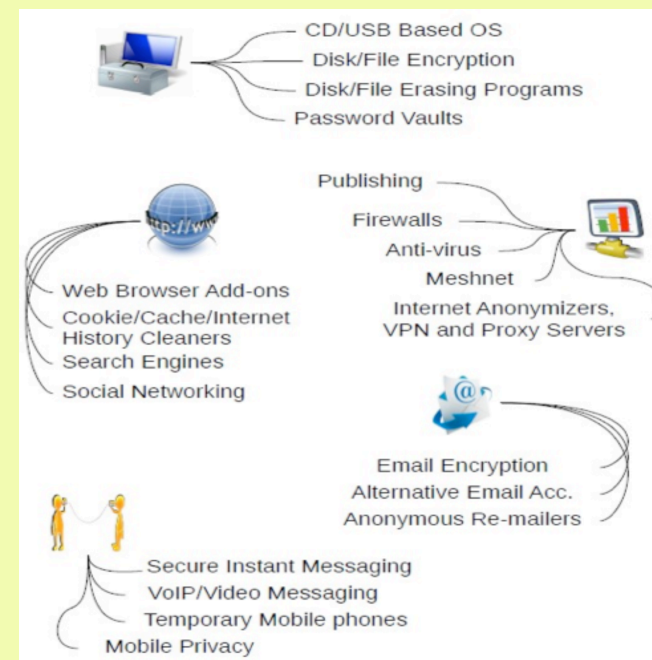
- Tools, standards and protocols that directly assist in the protection of the privacy interest
1. **Counter-PITs** combat Privacy-Invasive Technologies (the PITs), e.g. crypto protections for messages, anti-malware software, cookie managers
 2. **Savage PETs** are tools for strong anonymity e.g. anonymous remailers, Tor
 3. **Gentle PETs** are tools for protected pseudonymity e.g. multiple email and Web personae

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**PETs
are
numerous,
technical
and
confusing**



Reorganisation of <http://epic.org/privacy/tools.html>

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Privacy-Enhancing Technologies

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- **Counter-Attacking Technologies** (CATs?)
- **Assault Technologies** (ASSes?)

PETs are Innovations

- After invention, a new idea has to be applied
- PETs are interventions in complex environments
- PETs are strange
- PETs are change, which is always threatening
- There are bodies of knowledge relating to:
 - Diffusion of Innovations
 - IT Adoption
 - IT Avoidance
 - Usability of Computer-Based Technologies

Innovations need Drivers, and face Impediments

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Impediments

- **(Un)Awareness** – why would I need one of those?
- **(In)Comprehensibility** – it does what?
- **(Un)Installability** – how do I get it on my device(s)?
- **(Un)Usability** – how do I get it to do what I need?
- **(In)Convenience** – does it interfere with my activities?

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Drivers

- **Perceived Need** – justified and/or delusive paranoia
RA: Threats, Vulnerabilities, Safeguards, Residual Risks

Does Every Person Really Need a PET?

- PETs are needed by particular kinds of people, or people in particular situations
- Such people fall into various categories
- Those categories have different needs
- PETs need to be targeted at those categories

User Segmentation for PETs

Categories of 'Persons-at-Risk'

Social Contexts

- Victims of domestic violence
- Celebrities and notorieties at risk of extortion, kidnap, burglary
- Short-term celebrities such as lottery-winners, victims of crime
- Victims of harassment, stalking
- Individuals subject to significant discriminatory behaviour
- People seeking to leave a former association, e.g. ex-gang-members

Political Contexts

- Whistleblowers
- Dissidents

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Organisational Contexts

- Corporate executives
- Government executives
- Undercover operatives
- Law enforcement and prison staff
- Mental health care prof'ls, counsellors

Legal Contexts

- Judges, lawyers and jurors, particularly in highly-charged cases
- Witnesses, including people in protected witness programs
- Ex-prisoners re-integrating with society

A Strategy to Achieve Greater PET Adoption

- Focus on one or more relevant user segments
- Conduct risk assessments for those segments
- Design suites of tools with the relevant features /
Adapt existing suites of tools to retro-fit those features
- Embed those features
in the targeted user segment's working environment
- Provide clear explanations, examples and training
- Identify and sell to opinion leaders,
change agents and change aids

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