

Information Security

- More Than Just Technology

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Agenda

- **Information Security**
- **APEC 2007**
- **A framework**
- **Cyber Crime**
- **Key Take Aways**
- **ISACA**
- **Discussion / Questions?**

Information Security

- **MORE than just Technology**
- **People and Process**
- **Trust and Risk**
- **Information is an asset**
- **Security is a race**
- **3 Pillars**
 - **Confidentiality, Integrity, Availability**

Information Security

- **Standards, Methodologies, Frameworks**
 - ISO 17799/27000, COBIT (ISACA), ISC2, ITIL
 - AS 4360
 - ISMS (Information Security Management System)
- **Fiduciary / Legislative Requirements**
 - State WA OEG Govsecure initiatives
 - Commonwealth Telecommunications / Privacy Acts
 - Global directional indicators (Sarbanes-Oxley, HIPAA)

Information Security

- **The FUD Factor**
- **Governance, Assurance, Compliance**
- **Risk**
 - Threat, Vulnerability, Risk, Inherent, ALE, Mitigation, Residual
- **Requires Management Understanding / Focus**
- **Needs to deliver value**

APEC 2007

- **160M security spend**
- **What's the lesson?**

Cyber Crime

The annual loss due to computer crime was estimated to be \$67.2 Billion for U.S. organizations, with the majority of that (\$49.3 billion) being related to Identity Theft, and \$1 billion associated specifically with phishing.

U.S. GAO Report to Congressional Requesters (GAO-07-705), titled “*CYBERCRIME: Public and Private Entities Face Challenges in Addressing Cyber Threats*”

- June 2007

Cyber Crime

On 28 March 2006

U.S. Population **301,481,604**

U.S. Records Lost in Security Breaches (since February 2005):

104,073,351

Number of Reported Incidents: **More than 500**

U.S. Census Bureau and Privacy Rights Clearinghouse

Key Take Aways

- **More than just technology**
- **Awareness**
- **Risk management approach**
- **Needs to deliver value**
- **Address security concerns early in the project lifecycle**
- **Be careful!**

ISACA - About

- **IT Assurance, Security, Governance**
- **Over 65,000 members in more than 140 countries**
- **More than 170 chapters in over 70 countries**
- **More than 50,000 CISA's**
- **More than 7,000 CISM's since introduction in 2003**



ISACA – Perth Chapter – Upcoming Events

- **Val IT Executive Breakfast Briefing – 23rd October**
- **Val IT Professional Development Workshop – 23rd October**
- **Annual Conference 2007 – 24th October**
- **More details:** www.isaca-perth.org.au
www.redhorizonevents.com.au