



PrivacySecurity

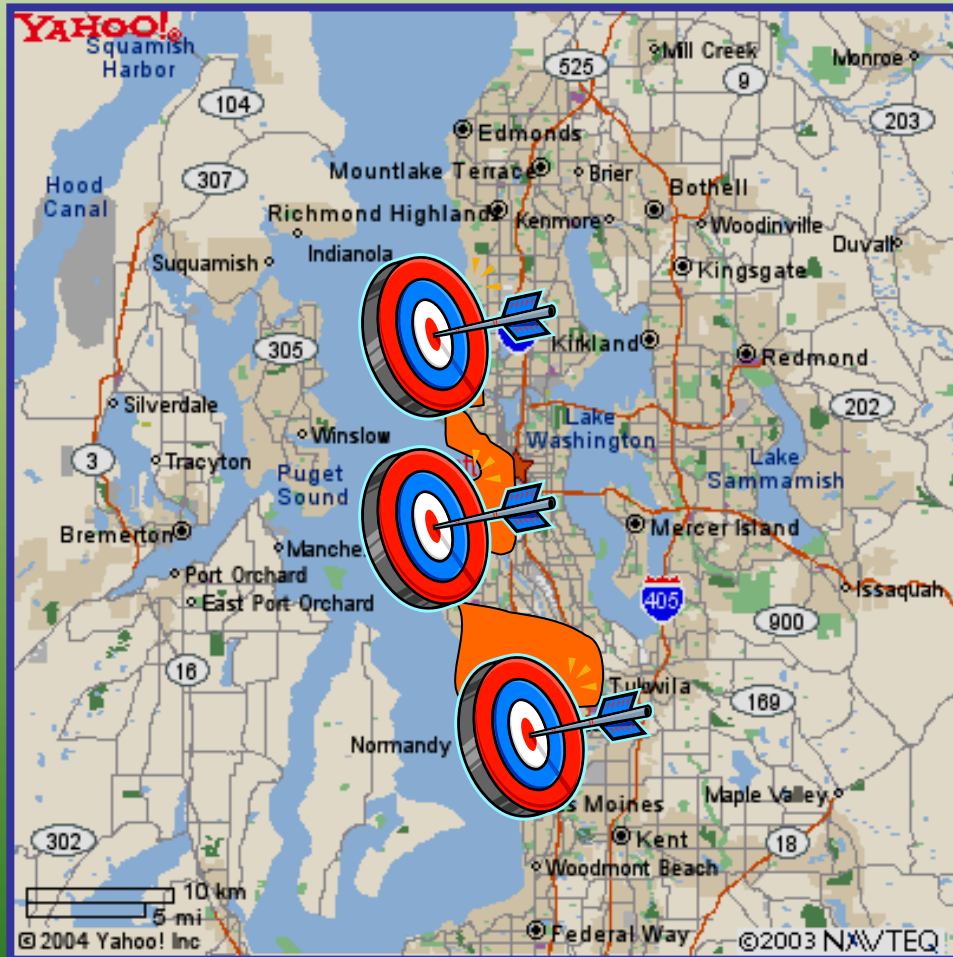
National & Global Cyber Security: What's Needed, How Quickly?

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Port of Seattle

“City” of the Port of Seattle



- Multifaceted Public Agency
- Generates 165,000 Jobs in Region
- \$5.5B Payroll
- Revenue > \$12B
- State & Local Tax Generation >\$660M
- Airport, Seaport, Fishing Terminal, Parks & Recreation
- Police, Fire and EMS Services

Today's Climate



- **Breaches Still Continue**
 - Marginal Cost for Privacy Breaches Dropping
 - Sensitivity to Privacy Issue is Declining
 - Resulting in Less Focus By Lawmakers and Press
- **The Advancing State of Cybercrime**
 - More Organized
 - Advancing Technologies
 - More Opportunities for Zero-day Attacks, More Sophisticated Phishing Techniques

Today's Climate (Continued)

- **“The Web Will Solve Our Business Problems!”**
 - Faster Deployment of Web Services
 - More Security Holes
 - Web 2.0 ... But Unintended Consequences
- **Security As An Afterthought or Figurehead Position**
 - Missing the “Critical View”
 - Focus on Technology – Missing the Element of Risk Management
- **U.S. National and Local Leadership**
 - Too Much Focus on Terrorism
 - Disjointed Strategy
 - Privacy Laws
 - CyberSecurity Focus on Technology



Wish List: Privacy Arena

- **Mandate “Opt In” Rather Than “Opt Out” for Customers, Users, etc. for Release of Personal Information**
 - Apply to Banks, Credit Card Holders, Any/All Players
- **Consolidate 37+ State Breach Laws Into One**
 - Not Onerous but Consistent with California SB1386 and Washington RCW 19.255, etc.
- **Give the Individual Ownership of Their Data**
 - Similar to E.U. Privacy Laws
- **Put Some “Teeth” In Current Privacy Laws (e.g., HIPAA)**



Wish List: CyberSecurity

- **Web Applications:**
 - OWASP (www.owasp.org) Is the STANDARD
 - Focus on Prevention and Defense
 - Look at the Web Site As a Criminal Does – Not as a Neat, New Toy
- **Faster Patches From Key Vendors for New Zero-Day Exploits**
 - 5 Word.doc Zero-Day Exploits since December 2006
- **Establish a Culture of CyberSecurity in the Enterprises, Vendors, Retailers**
- **Weave In Risk Analysis Along With Technical Decisions and Deployments**



Conclusions

- **Focus on:**
 - **Proactive Prevention and Defense By Means of Quality and Secure Development and Deployment**
 - **Emphasis on Risk Management Along With Technological Solutions**
 - **Consistency In Laws and Strategies**
 - **Leadership**
 - Enterprise
 - Vendors
 - Local
 - National
 - International
 - **Education & Awareness**
 - Home User, Enterprise User, etc.



Thank You!

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