



e-Governance

InfoCom Research
Yonosuke Harada

Governance

- Corporate Governance
 - OECD Guidelines
- IT Governance
 - IT Governance Institute
- Corporate Social Responsibility
 - Many global companies states their CSR in their annual report
- Internet Governance
 - Major topics in WSIS and UN
- What is "Governance"????

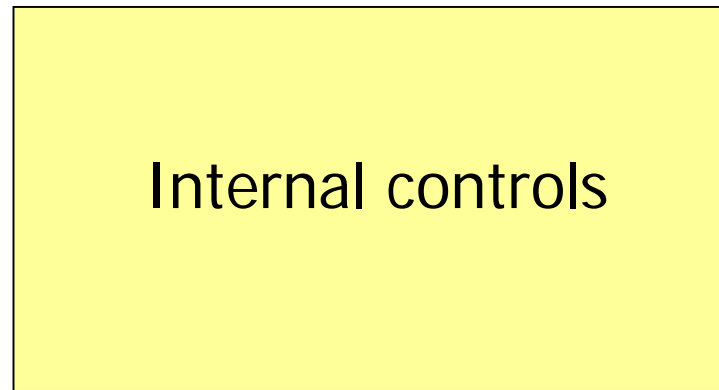
Corporate governance

Corporate governance refers broadly to the patterns of control and decision making within corporations

Enterprise/corporations

Stake holders

- stock holders
- investors
- employees
- users
- board members
- society (nearby)



IT Security

Network Openness

- Internet Community

Accountability on Network Society

- Fairness among users
- No risk (fraud, theft, unauthorized access, unauthorized modification, and etc.)
- Equal Communication Capability on Network both edges
- Equal Access to any information

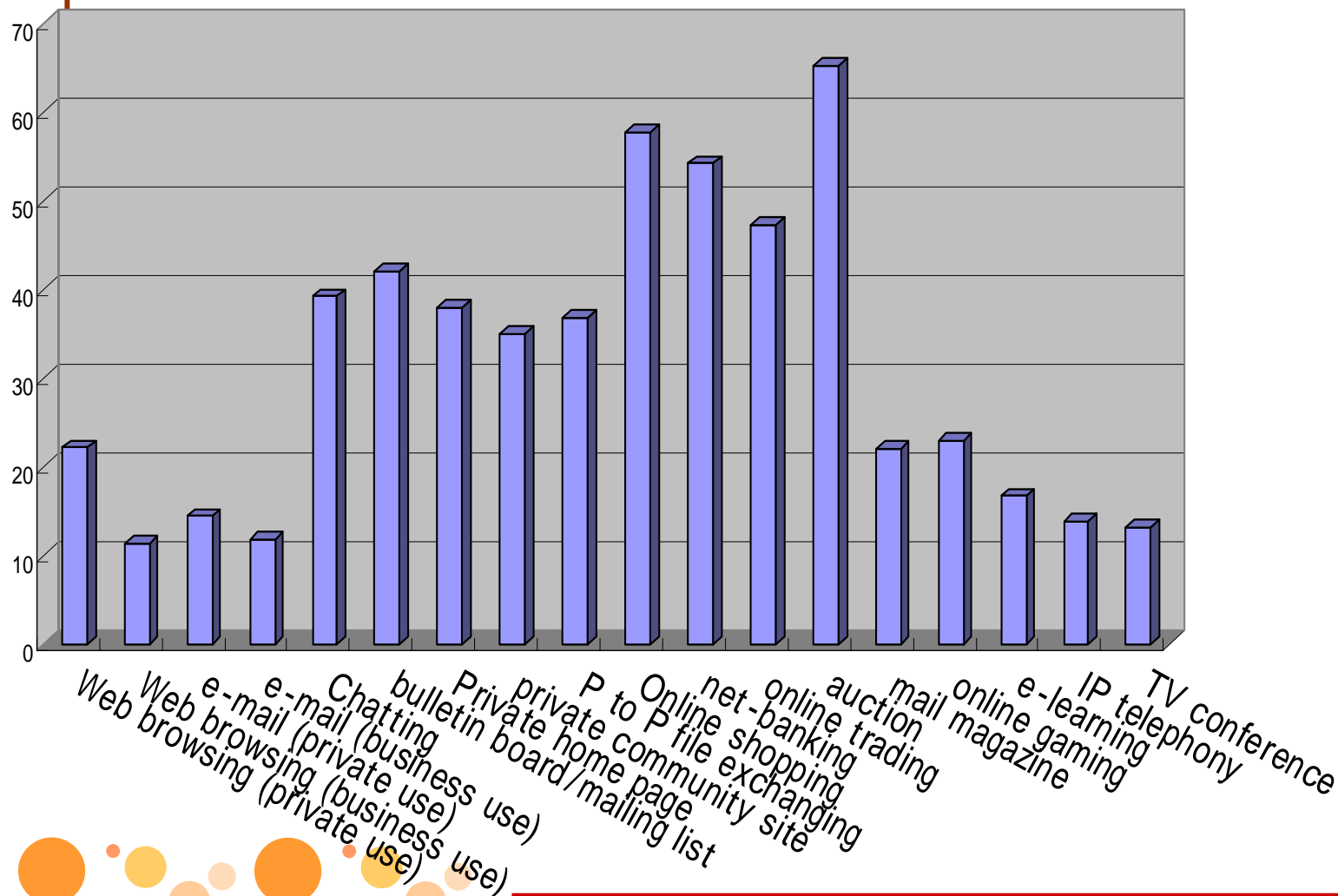
IT Security is inevitable

From Survey by ICR March 2004

- Do you feel “anxiety” or “uneasiness” for utilizing the Internet?
- The percentage of answers “Very Likely” and “likely” are shown;
 - Virus attacks 78.3%
 - Private information leakage 78.2%
 - Hacker malicious conducts 61.2%
- Most of the users are feels something “worry” for the Internet.

Social problems

From Survey by ICR March 2004



IT-Governance

IT is essential to manage transactions, information and knowledge necessary to initiate and sustain economic and social activities.

In many organizations, IT is fundamental to support, sustain and grow the business.

Boards and executive management need to extend governance, already exercised over the enterprise, to IT.

Enterprise's Challenges and Concerns

- Aligning IT strategy with the business strategy
- Cascading strategy and goals down into the enterprise
- Providing organizational structures that facilitate the implementation of strategy and goals
- Insisting that an IT control framework be adopted and implemented
- Measuring IT performance

Discussion Points

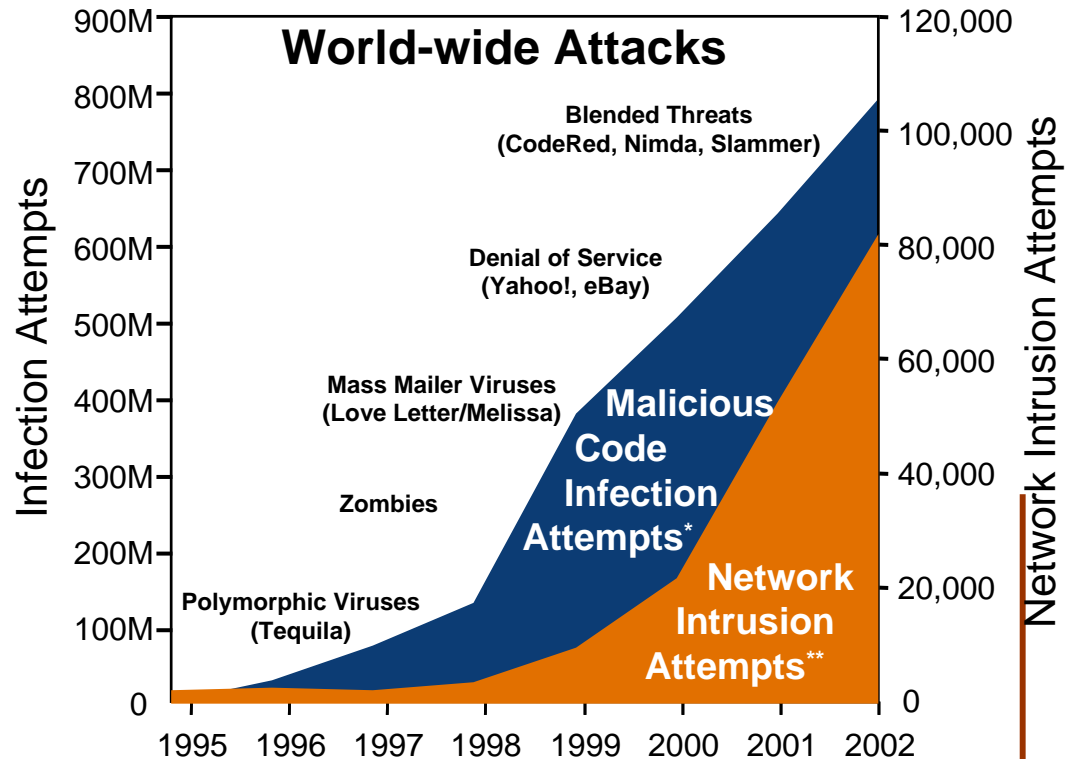
- We should change the network world “safe” by following ways.
 - Technology
 - Management
 - Education
 - Governance should include “network world”
- All the engineers should know the problem and work for better world for the future.
 - Network architecture and design
 - Communication protocols

IT security Governance (ISACA)

- Establish and maintain a framework to provide assurance that information security strategies are aligned with business objectives and consistent with applicable laws and regulations.
- Tasks
 - information security strategy
 - senior management commitment and support
 - information security policies
 - procedures and guidelines
 - reporting and communication channels
 - current and potential legal and regulatory issues
 - business case and enterprise value analysis

Treat

- Increasing attacks
 - Virus, Trojan horse
- Complexity
 - OS, application
- Spread
 - Very Fast, World wide
- Counter action
 - Limitation of tools and distribution



*Analysis by Symantec Security Response using data from Symantec, IDC & ICSA; 2002 estimated

**Source: CERT

End User Security is inevitable but..

- Open ports and
 - OS security holes
 - Broadband home users unawareness (victim)
 - without FW
 - without anti-virus tools
 - Mixture attacks (SPAM + Virus + Trojan horse)
 - Wireless LAN
-
- IT security social ethics
 - IT security user training and enlightenment