IBM Firewall Seminar

Fall 1996 Series

Security Consulting

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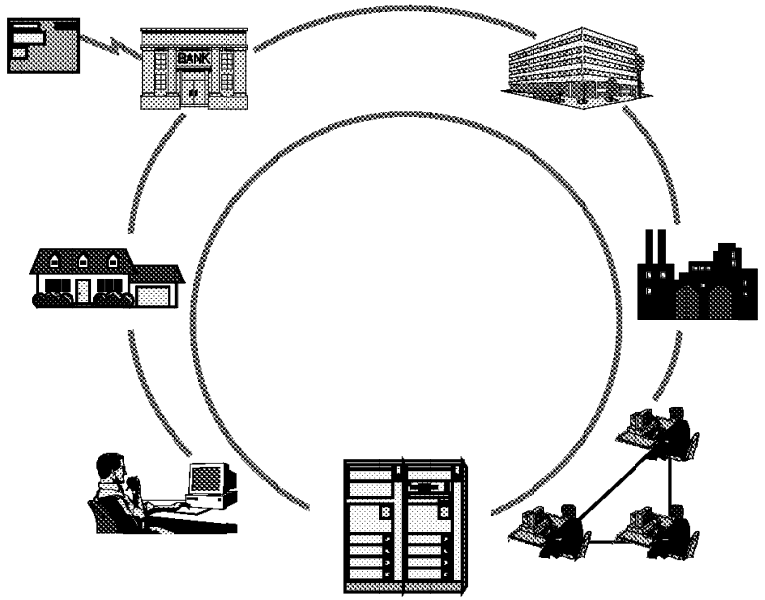
Threats in the electronic world need to be considered in terms of business risk

Threats

- Errors
- Environmental
- Wiretaps
- Viruses
- Hackers
- Competitors
- Terrorists
- Dishonest insiders



'A threat is the potential to exploit a vulnerability and cause damage to your information assets.'

Business Risks

- Financial Loss
- Public Trust
- Corporate Image
- Intellectual Capital
- HR and Customer Privacy
- Software Licensing
- Litigation
- Public Embarrassment

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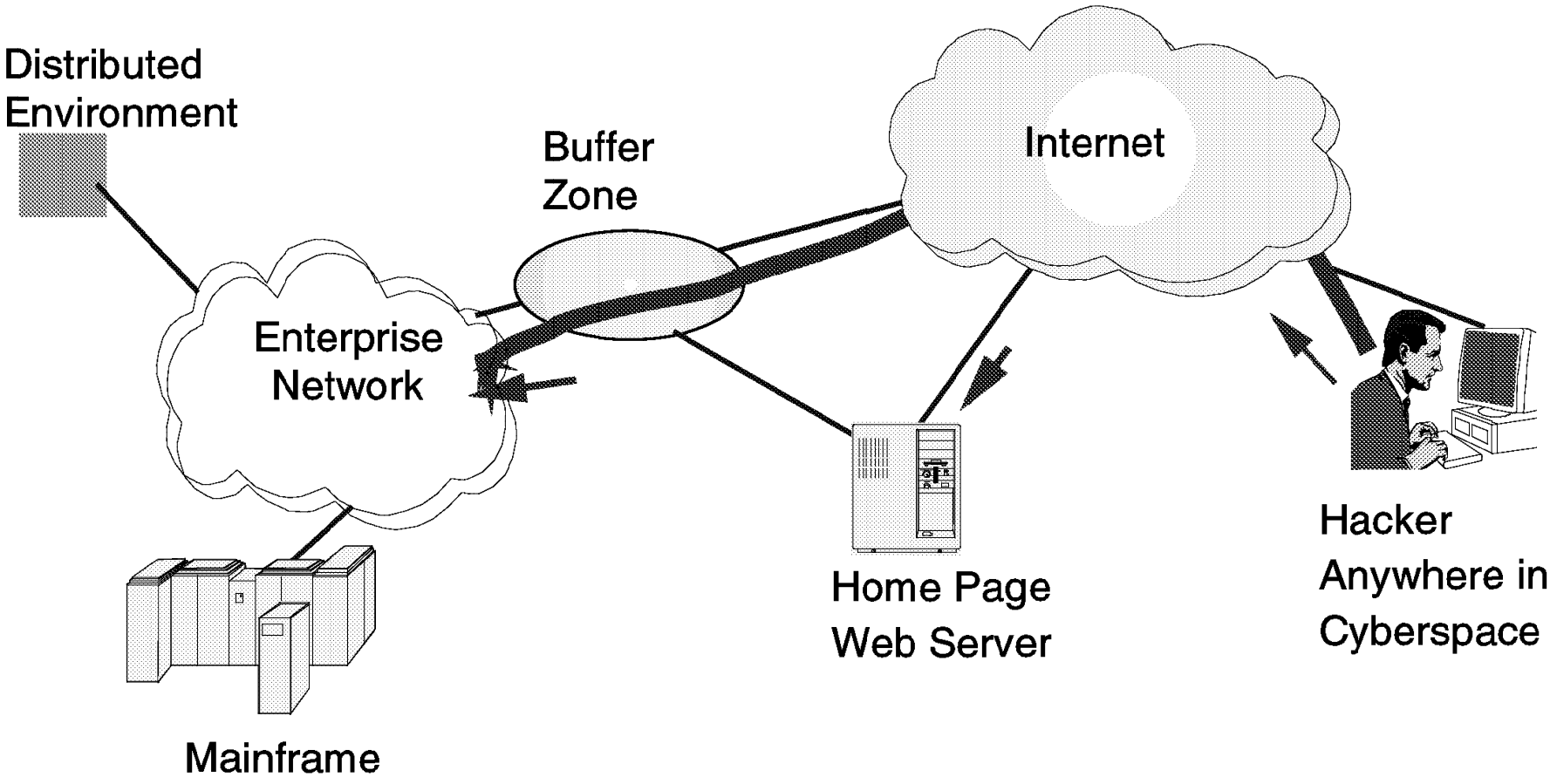
We have extensive experience and knowledge in new and developing security issues, and can help our clients understand their network risks and exposures.



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IBM's security expertise in technology and management methodologies is extensive.

Capabilities:

- IT assessment and security management for Intra / Internets
- Network Security Architecture and Design
- Ethical Hacking
- Anti-virus analysis and incident management technology
- Emergency Response Services

Strengths:

- 25 Years of leadership in security technologies and products
- 50+ methodology-based security management engagements
- Linkages to product development, research laboratories and perform service organizations

Challenges:

- Develop the infrastructure and intellectual capital to leverage our growth while preserving quality and consistency
- Invest in gaining external visibility in the security and internet consulting marketplace.

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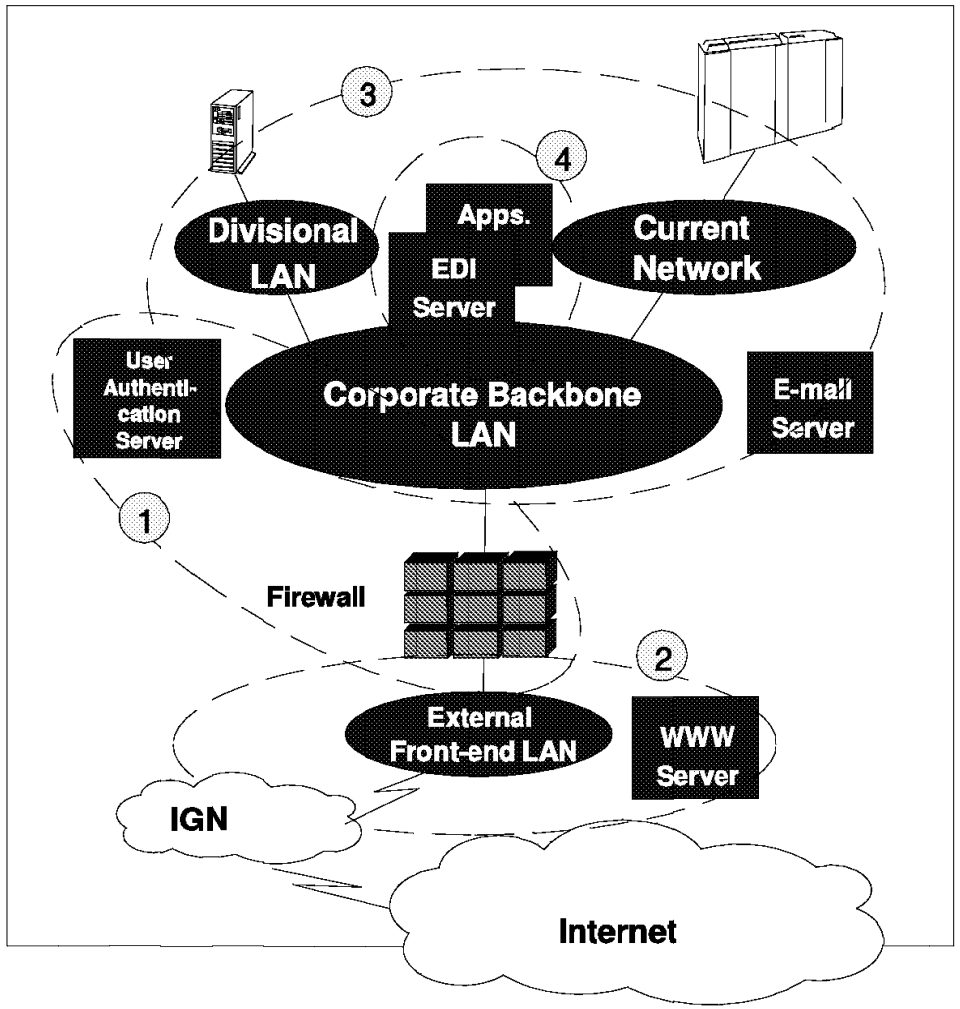
Our typical engagements address a wide range of client issues. The objective is to help the client establish a secure environment.



Intra and Internet Security:

- Planning
- Assessment
- Policy Development
- Security Audits
- Security Architecture Design
- Tool Selections
- Firewall Implementation
- Emergency Management

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IT Security consulting can provide services through a number of client offerings.

- Management Systems Consulting - health checks, business risks, policies, processes and comprehensive security architectures. Also privacy, regulations, on-line copyright and intellectual property, etc.
- Emergency Response Service - preventative and emergency response to unauthorized internet intrusion.
- Penetration Testing - to access the vulnerability of customers' networks, internet connections and systems
- Technology Design - detailed secure systems design : encryption, digital signatures, single sign on, electronic commerce
- Technology Integration - turn-key implementation of firewalls, filters, software conversions
- Anti-Virus services - for comprehensive virus detection and disinfection

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While security of the Internet is of paramount importance to most organizations today, an effective security program should take into account all aspects of information protection: Risk, Policy, Implementation, Administration and Audit.

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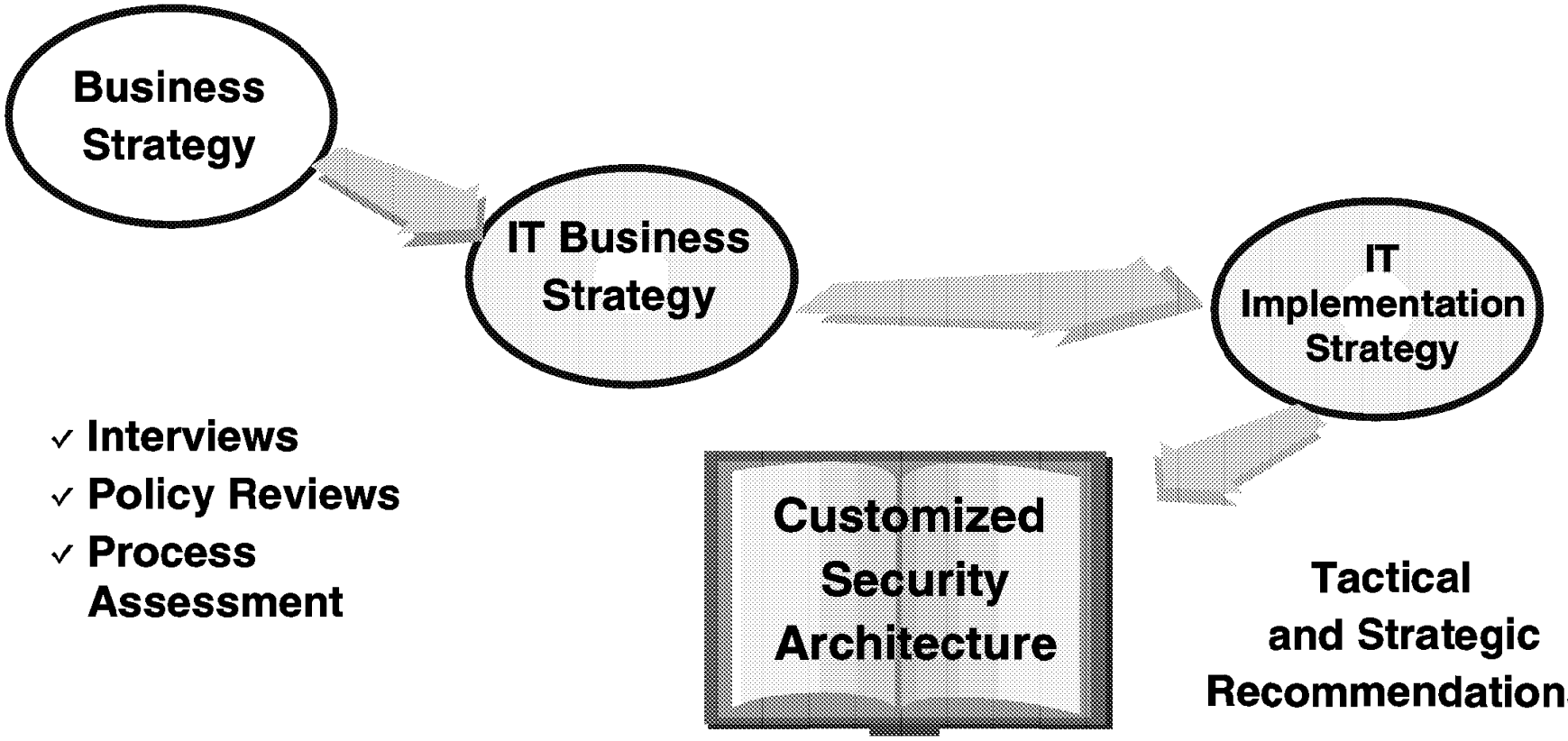
Our methodology and approach to development of a security architecture includes interviews with key business and technology leaders to ensure the security architecture is customized to your current and future business needs



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