Active Loss Prevention
for e-Business

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THE *Open* GROUP

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The ALPINE Project (1 of 2)

- ALPINE:
  Active Loss Prevention for ICT eNabled Enterprise – project receives financial support from the European Commission.
- ALPINE project partners are:
  - The Open Group
  - ETIS (Electronic and Telecommunications Information Services)
  - ESI (European Software Institute)
- The partners are completing a Market Study, and have defined and drafted 3 of 5 project deliverables:
  - ESI - Security Policy Management for Small & Medium Enterprises SIG
  - ETIS - Liability in Mobile Transactions SIG
  - The Open Group - Trust Services Mapping SIG

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The ALPINE Project (2 of 2)

- ESI and The Open Group have identified the remaining 2 project deliverables:
  - ESI will lead a SIG on "Trustmarks"
  - The Open Group will lead a SIG on ""Dependable Embedded Systems"
- A further deliverable
  - Roadmap for Further Research - led by The Open Group, has been drafted, as input to recommend future directions.
- 2nd ALPINE Workshop
  held in Brussels on 25 June 2003. Workshop Report publicly available on the ALPIUNE Web. (1st was Paris, 3 Dec 2002)
- For further information
  see ALPINE project Web page at www.opengroup.org/alpine/ .

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The Business Goal

- ❑ To promote the growth of e-Commerce
- ❑ by establishing business and public confidence in conducting transactions electronically:
  - ▪ through establishing dependable commercial, technology and professional disciplines that work together to underpin that confidence
  - ▪ which include taking active measures to reduce the incidence and impact of loss arising from accidental (unintended) or deliberate (fraudulent, unauthorized) use of information systems within and between organizations

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Driver – Motivation - Inhibitors

- ❑ Participation in e-Commerce is an imperative for many enterprises

- ❑ Known Rewards
  - ▪ Growth in electronic trade
  - ▪ Increased revenues
  - ▪ Improved customer relations
  - ▪ Reduced costs

- ❑ Critical factors holding back growth:
  - ▪ Management of risk
  - ▪ Trust – public confidence

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The Approach

- Business oriented approach to understand risks and integrate into overall risk management

- Technically oriented activities to provide necessary levels of trust

- Professional approach towards adopting best practice procedures

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Active SIGs in ALPINE Project

- Best Practices for Information Security Management (ESI)
- Trust Services that enable e-Business transactions (The Open Group)
- Closing the liability gaps in mobile transactions (ETIS)

plus

- TrustMarks (ESI)
- Dependable Embedded Systems (The Open Group)

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Projects in Security Forum

Current:

- ❑ **Vocabulary of Risk Terms** - A set of terms that can be used to accurately communicate risk information between all the parties involved – customers, traders, insurers, lawyers …

- ❑ **Risk Managed Security** through regulatory compliance - businesses and industry organizations compliance with regulations and best practices on safety, dependability, and security, through use of approved compliance procedures

Proposed:

- ❑ **Trust Services** - specify technical services that support establishing and maintaining business best practices

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Some quotes

"Trust is for suckers"

(an information security expert)

"Trust is essential to business
- security just gets in the way"

(a businessman)

"Trust …
… but verify"

Ronald Reagan

"It is good to trust …
… it is better not to"

Sholom Bryski

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An interesting US Government initiative

❑ **US Govt Small Business Administration**
(SBA) is putting real finance backing behind helping small businesses take protective (active loss prevention) measures to mitigate/manage risk.

❑ **Pre-Disaster Mitigation Loan Program**:
low-interest fixed-rate loans for implementing mitigation measures to protect business property from damage that may be caused by future disasters.

❑ **Program pilot**
supporting the Federal Emergency Management Agency (FEMA) Pre-Disaster Mitigation Program.

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