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- NIS Report - Background, Context and Scope
- Current Situation
- Updating the NIS Report

# Report Context and Scope

- Commission Communication COM (2001) 298, 6th June 2001
  - ❖ *“Network and Information Security: Proposal for a European Policy Approach”*
- Council Resolution, 28th January 2002
  - ❖ *“On a common approach and specific actions in the area of network and information security”*
- eEurope 2002
  - ❖ Security and Trust in electronic business carried out over public private networks

# Report Context and Scope

- NIS Report is the response of CEN and ETSI to Commission Communication COM (2001) 298
- It addresses standardisation issues which are relevant to:
  - ❖ the European Standards Organisations(ESOs)
  - ❖ industry and academic standards groups
- .....and within an e-business environment
  - ❖ any commercial transaction carried out electronically
  - ❖ relates both to the user and provider of an e-business service

# Report Context and Scope

- Does not address *in detail* :
  - ❖ Personnel Vetting
  - ❖ Information Security Professional Qualifications
  - ❖ Digital Rights Management (refer to CEN/ISSS Focus Group)
  - ❖ Moving Pictures (refer to MPEG in ISO/IEC JTC1/SC29)
  - ❖ Data Protection (refer to CEN/ISSS IPSE initiative)
  - ❖ Crime Risk (EU Mandate M/355 issued August 2004)

# Report Context and Scope

- To summarise :
  - ❖ Network and Information Security standardization
  - ❖ e-Business applications
  - ❖ Identifies existing and developing standards
  - ❖ Makes recommendations for future *standards-related* work (ESOs)

# Current NIS Report Structure

- e-Business user security requirements for:
  - ❖ Home users
  - ❖ SMEs
  - ❖ Large Organisations and industries
- e-Business service provider security requirements:
  - ❖ sets of security services
    - Registration and Authentication services
    - Confidentiality and privacy services
    - Trust services
    - etc.

## ➤ Standards Annexes

ETSI Future Security

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Making I.T. Safe & Secure

# Current Situation

- July 2003: Joint Issue of final report by CEN/ISSS (web site) and ETSI (ETSI SR 002 298)
- March 2004: ICTSB set up NISSG (Network and Information Security Steering Group):
  - ❖ to act as a focal point for European Standardisation on network and information security standardization
  - ❖ to “implement” the recommendations of the NIS report
  - ❖ provide a focal point of contact between the standardization community and ENISA

- Existing Report is out of date
  - ❖ snapshot at a point in time
  - ❖ technology and standards evolve continuously
- It is “one-dimensional”
  - ❖ pertinent to e-business applications
- It is not “selectively” accessible
- It is not easy to extend the report in its current form to other business areas

- Standards Information needs to be updated
- Flexible Framework to enable the report to be expanded - e.g. more “business” areas
- Capable of responding to advances in security technology and standards developments
- “Light touch” maintenance
- Better accessibility

➤ *plus ENISA*

## some initial *personal* thoughts

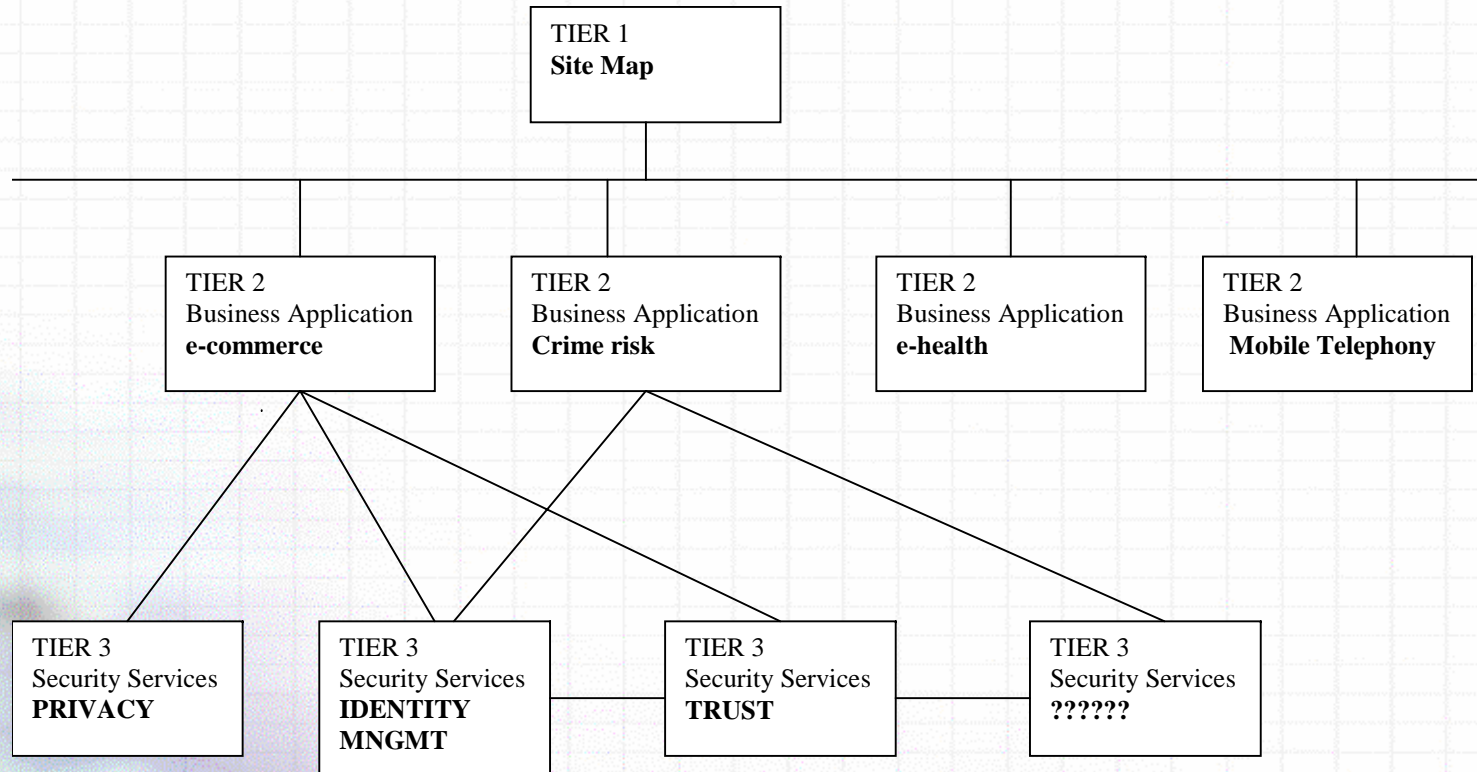
- Web Based - ICTSB website
- Three Tier Modular Document
- First Tier - Introduction and site map
- Second Tier
  - ❖ Identifies and defines the “business areas”:
    - e-commerce
    - e-health
    - crime risk
    - mobile telephony
    - etc
  - ❖ Links to appropriate modules in third tier

## some initial *personal* thoughts

- Third tier - each module contains a group of related security services
  - ❖ confidentiality
  - ❖ identity management
  - ❖ trust
    - Non-repudiation
    - Integrity
- Each module lists or links to:
  - ❖ relevant current and developing standards
  - ❖ developing security topics
  - ❖ identification of gaps and weaknesses

# Updating the NIS Report - some initial *personal* thoughts

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# Any Questions ?

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