SCREENING CHAPTER 10
INFORMATION SOCIETY AND MEDIA

AGENDA ITEM 10C :
NETWORK AND INFORMATION SECURITY

Country Session: The Republic of TURKEY
13-14 July 2006

CONTENT

❑ National Research Institute of Electronics and Cryptology (UEKAE)

❑ Legal Framework

❑ Organization

❑ Resposibilities in "e-Transformation Turkey" Project

NATIONAL RESEARCH INSTITUTE OF ELECTRONICS AND CRYPTOLOGY (UEKAE)

❑ The Government Organization dealing with the Network and Information Security Issues in Turkey.

❑ Place   : Gebze / KOCAELI

❑ Operational : Since 1995

LEGAL FRAMEWORK

❑ TUBITAK Law No.278 (1963)

❑ Commissioning of the Prime Minister on the 25th of November, 1999, employing UEKAE with the task of technically supporting all government and private sectors in the fields of network and information security.

❑ Circular issued by the Prime Minister on the 3rd of September 2004, tasked to UEKAE with the establishing and operating of "Public Certification Authority" for supplying digital certificates to the Government organizations for use in electronic signature applications.
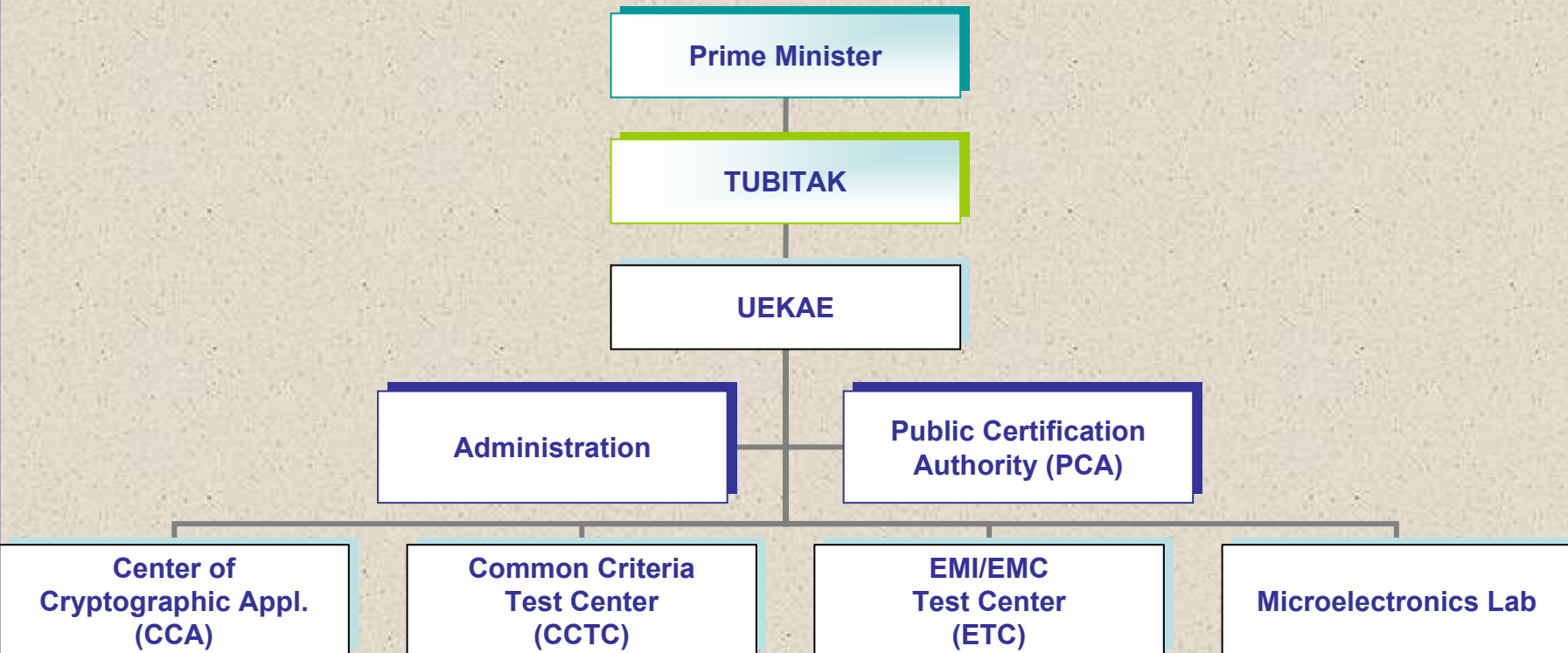
MAIN OBJECTIVES and TASKS

❑ Realizes,

• R&D projects to meet the requirements of government organizations and private sector in the fields of network and information security,

• cooperation in securing government and private sector networks and communications,

❑ Provides,

• consultancy and

• various accredited test services in the fields of network and information security and electromagnetics etc.

❑ Offers,

• digital certificates for the government organizations.

ORGANIZATION OF UEKAE

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                    Prime Minister

                       TUBITAK

                        UEKAE

        Administration          Public Certification
                                  Authority (PCA)

  Center of        Common Criteria      EMI/EMC
Cryptographic Appl.   Test Center      Test Center      Microelectronics Lab
     (CCA)              (CCTC)            (ETC)
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ORGANIZATION OF UEKAE (Cont.)

❑ Common Criteria Test Center,
- Accredited to perform EAL4+ CC Tests,
- Penetration Tests,
- Computer Incidence Responce Capability (CIRC)
- Turnkey Network Security projects,
- Provides Consultancy.

❑ Center of Cryprographic Applications,
- Design of Symmetric and Asymmetric Cryptographic Algorithms and Protocols
- Provides Consultancy.

❑ EMI/EMC Test Center,
- Accredited Tests for EMI/EMC/EMS

❑ Public Certification Authority,
- Accommodates the Root Certificate Server for e-government,
- Distributes Certificates for Electronics Signature.

"e-Transformation Turkey" PROJECT

❑   Action items under the responsibility of UEKAE

- Information Security Risk Analysis of Government Organizations
- A feasibility study of use of smart cards in Government operations
- Useability of open source software in Government Organizations
- Emergency managemet of Government IT Systems

❑   Action items connected with UEKAE

- Preparation of Computer Crimes Law
- Government personnel database
- Protection of confidentiality of health records

THANK YOU