

➤ **TELECOMMUNICATIONS AND INFORMATION EXCHANGE BETWEEN SYSTEMS**

Standardization in the field of telecommunications dealing with the exchange of information between open systems including system functions, procedures, parameters, and equipment, as well as the conditions for their use. This standardization includes both the lower layers that support the physical, data link, network, and transport protocol and services, including private integrated services networking, as well as the upper layers that support the application protocols and services such as Directory and ASN.1. A vital aspect of this work is done in effective cooperation with ITU-T and other worldwide and regional standardization bodies e.g. IEEE and IETF.

➤ **CARDS AND PERSONAL IDENTIFICATION**

Standardization in the area of

- a) identification and related documents,
- b) cards, and devices associated with their use in interindustry applications and international interchange.

➤ **IT SECURITY TECHNIQUES**

Standardization of generic methods and techniques for IT security. This includes:

- identification of generic requirements (including requirements methodology) for IT system security services,
- development of security techniques and mechanisms (including registration procedures and relationships of security components),
- development of security guidelines (e.g., interpretative documents, risk analysis), and
- development of management support documentation and standards (e.g., terminology and security evaluation criteria).

Excluded is the embedding of mechanisms in applications.

Note that this committee's Scope and Area of Work includes the standardization of cryptographic algorithms for integrity, authentication and non-repudiation services.

Furthermore it includes the standardization of cryptographic algorithms for confidentiality services for use in accordance with internationally accepted policies.

➤ **AUTOMATIC IDENTIFICATION AND DATA CAPTURE TECHNIQUES**

Standardization of data formats, data syntax, data structures, data encoding, and technologies for the process of automatic identification and data capture and of associated devices utilized in inter-industry applications and international business interchanges. Excluded are:

- the area of work on Automatic Electronic Identification for Containers and Container related Applications
- the area of work on Identification of Animals
- the area of work on RFID for Transportation and Control Systems
- the area of work on Cards and Personal Identification
- the area of work on Financial Transaction Cards, Related Media, and Operations
- the area of work on Packaging Bar code Labels