

Replaces:

**ISO/IEC JTC 1/SC 37  
Biometrics**

**Document Type:** Other document (Defined)

**Document Title:** ITU-T SG 17 Request for Category A Liason with SC 37

**Document Source:** ITU-T SG 17 Secretariat

**Project Number:**

**Document Status:** This document is circulated to the SC 37 National Bodies for review and consideration at the December 2002 SC 37 meeting.

**Action ID:** ACT

**Due Date:** 2002-11-30

**Distribution:**

**Medium:**

**Disk Serial No:**

**No. of Pages:** 3

# INTERNATIONAL TELECOMMUNICATION UNION

Telecommunication  
Standardization Bureau



9 September 2002

Ref:  
Conta Georges Sebek  
Tel: +41 22 730 5994  
Fax: +41 22 730 5853  
E-Mail: [sebek@itu.int](mailto:sebek@itu.int)

Mr. Fernando Podio  
Chairman, JTC 1/SC 37  
National Institute of Standards and Technology  
Convergent Information Systems Division (895)  
Gaithersburg  
Maryland  
USA

Subject: **Establishment of a category A liaison with SC 37**

Dear Mr. Podio,

As Counsellor for ITU-T SG 17, I would appreciate it if you could consider the establishment of a category A liaison between our Organization and ISO/IEC JTC 1/SC 37 for the purpose of progressing our standardization activities in coherence with the work planned for ISO/IEC JTC 1/SC 37.

ITU-T SG 17, Data networks and telecommunication software, is responsible for studies relating to:

- data communication networks;
- application of open systems communications networking, directory and security; and
- technical languages, the method of their usage and other issues related to the software aspects of telecommunication.

ITU-T SG 17 is the Lead Study Group on frame relay, for communication system security and languages and description techniques

I believe this liaison would be beneficial to both JTC 1 and ITU-T. Please see the attachment for rationale supporting the need for its establishment.

I look forward to receiving from you and the JTC 1 Secretariat a positive reply to this request.

Yours sincerely,

Georges Sebek  
ITU-T SG 17 Secretariat

**Attachment:**

The reason why ITU-T SG 17 is requesting a category A liaison is that one of its areas of study (within Question 10/17, Security services, mechanisms and protocols) includes standardization focusing on the following items:

- Security management  
Identifying which security controls should be in place requires careful planning and attention to detail. We will study information security management system (ISMS) such as risk assessment, identification of assets and implementation characteristics for telecommunications operators.
- Telebiometrics  
Focusing on telebiometric devices connected to open networks, we will model taxonomy of telebiometric methods, devices and solutions for security purposes.
- Mobile security  
Considering security problems derived from restrictions such as low power, small memory size, small display, we will study security solutions based on characteristics in mobile environment.
- Other relevant topics  
Security for emergency telecommunications service  
Vulnerabilities of systems and networks etc.

Regarding telebiometrics, contributions from our experts should be beneficial in general, with a very high interest in enhanced security when telebiometry knowledge is standardized.

Telebiometry frames the set of all methods of distant authentication using unique digital biometric records.

ITU-T SG 17's approach based on ISO 31 and IEC 27, currently under revision as harmonized standard ISO/IEC 80000, may constitute a robust and coherent framework for qualified solutions, taking into account that:

- biometric information is recorded from many biological sources by sensors; and
- biometric elements may be categorized as unique processed complex signals emanating from video, audio, tango and chemo multimodal manifestations of human presence, enabling personal identification.