

TECHNICAL ACTIVITIES
Communications & Information Security (CIS TC)
CHARTER and POLICIES AND PROCEDURES

Board of Governors², 30 November – 1 December 2005

TC Scope:

The scope of the **Communications and Information Security TC** is to promote the IEEE Communication Society interests on the security of all types and forms of communication networks and all types and forms of information transported by them and through them, end to end. On the OSI model, our security interests start from the network physical layer and they end on the end user application layer. Based on this model, one focal point of the TC is secure methods and techniques that guard the privacy of the user and the information of the user as is transported by the network. Such methods and techniques are encryption algorithms, key generation and key distribution, authentication, validation, recognition, and other aspects of security, as well as emerging topics that are within TC's interest. Another focal point of the TC is on challenging such methods and techniques to identify their vulnerabilities and ways of potential exploitation, as well as countermeasures. A third focal point of the TC is to be an active participant in the organization of ComSoc (co)sponsored conferences, conference symposia, technical sessions, workshops, tutorials, publications, national and international forums, and other IEEE activities where information is exchanged within the aforementioned area of interest of the TC. This also includes collaborating with other TCs, work with both the Strategic Planning Committee and Emerging Technologies Committee and wherever possible, with non-IEEE entities such as standards forums.

Two-sentence blurb broadly summarizing the TC's goals/objectives for the web, conferences, and the volunteer directory. (long version)

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Summary version of Communications & Info Security

This committee will promote security of all types of communication networks and forms of information transported by them and through them, end to end. Our security interests start from the network physical layer and they end on the end user application layer. It will focus on secure methods and techniques that guard the privacy and information of the user as transported by the network and challenging such methods and techniques to identify their vulnerabilities and potential exploitation and countermeasures. The committee will support conferences, symposia, technical sessions, publications, etc., where information is exchanged within the scope of interest of the TC.

Policies and Procedures:

We plan to follow the generic policies and procedures for the items on policies and procedures found on http://www.comsoc.org/socstr/documents/pp/pp_7_1.html#comsr.

- 1) definition of elected and appointed officers, as well as nomination and election procedures;
- 2) planning, announcement and conduction of TC meetings;
- 3) budget and expense policies and procedures;
- 4) support of ComSoc activities, such as publications, meetings and membership development; and
- 5) information dissemination activities