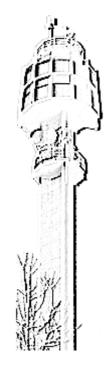


Centro Studi e Laboratori Telecomunicazioni S. p. A. via G. Reiss Romoli, 274 - 10148- Torino (ITALY)



CSELT, founded in 1964, is the Telecom Italia Group's Company for study, research, experimentation and qualification in the field of telecommunications and information technology.

CSELT is wholly owned by the Telecom Italia Group, Italy's telecommunications operator.

CSELT provides the Telecom Italia Group with the technical know-how to support their main activities. We are the Operating Company's main research body, contributing to the study of advanced system scenarios, linking academic and applied research and maintaining a strong presence in the international arena by taking part in common research programs and standardisation activities.

In this context it is noteworthy to mention CSELT's participation in the National Host Initiative: We have been a major driving force in the establishment of the NH concept, an infrastructure that provides third parties with advanced telecommunications laboratories where it is possible to test and experiment new technologies and services. These infrastructures are currently available throughout Europe with three sites recently opened in Canada, Japan and the USA. CSELT's high speed network, transmission and management laboratories provide the core to the Italian National Host.

CSELT fields of research can be classified into the following types of activity:

- <u>Feasibility studies and tests</u>: this involves studying and analysing innovative technological and system solutions, identifying their requirements and comparing all possible alternatives.
- <u>Experimentation</u>: for the verification of system or service features by means of laboratory or prototype test-beds, and preparing for eventual field testing.
- <u>Standards and specifications</u>: involves both a contribution to the definition of international standards (for example ITU-TS, ITU-RS, ISO and ETSI) and the drafting of specifications for new services or products - or for the development of those currently available according to customer requirements.
- <u>Evaluation and qualification testing</u>: from the definition of testing methods, to the realization of various instruments, as well as the execution of tests and handling and interpreting results.
- Operational services (for the Telecom Italia Group amongst others): includes conformance tests (LAP), regression tests, software cost assessment and production/coding of coded audiovisual materials.

In addition to specific activities in the field of telecommunications, CSELT devotes significant efforts to research aimed at supporting the public; an example are its studies in the field of tele-medicine, tele-working, and support to the elderly or the disabled.

CSELT's dedication to community problems and environmental issues has recently been rewarded with an award for being the Company with the best clean waste record over the past ten years in the Turin area; this achievement is even more significant if one considers that a number of CSELT's activities involve potentially hazardous and polluting materials.