10th IT STAR Workshop on IT Security

Overview of the Issue

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- Privacy on the Internet remains a burning issue, which could affect not just the success of the net economy.

- A communication tool as Internet, where information can move at high speed and on a global scale, generates many problems and questions on the privacy protection.

More services more problems

The Risks of the Network
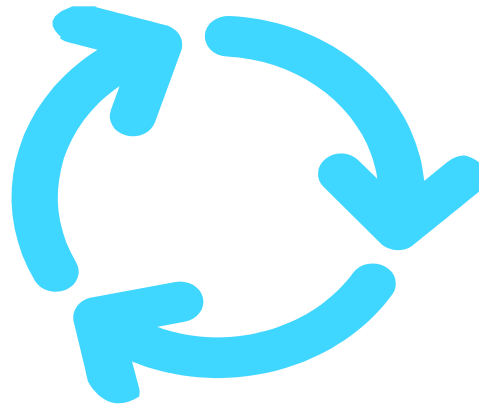
Unauthorized access: as no access right to a system or a computer network in violation of security rules.

Unauthorized interception: as interception of communications from or within a system or computer network, by technical means and without any rights.

Damage to computer and attacks on the integrity of systems: as deletion, damage, deterioration or suppression of data or computer programs, without the right.

Computer sabotage: as input, alteration, deletion or suppression of computer data or programs or interference with computer systems, with the intention of impeding the operation of a computer system or a telecommunications system.

False information (spoofing or false identity): as input, alteration, deletion or suppression of data or computer programs, or any other interference in information processing, carried out in a manner or under such conditions as to constitute, under national law, an offense of false when the facts themselves were committed in respect of one of the objects of this traditional type of infringement.

Computer fraud: as input, alteration, deletion or suppression of data or computer programs, or any other interference in computer processing that influences the result and leads to economic or property damage to another person, made with the intention of obtaining an illegitimate economic advantage for himself or for others (i.e. phishing: user-id and password intercepted by fraudulent email).

Pedo-pornographic images and personal information: as exploitation of children for profit by the disclosure of compelling images and personal information on Internet.

Unauthorized copy of a protected computer program: as reproduction, distribution or public communication of a computer program protected by law, without right.

Unauthorized copy of a topography: as reproduction without right of a semiconductor topography protected by the law, importation or commercial exploitation of a design or a product manufactured with the help of a topography protected by law.

Pervasive use of the Videosurveillance: many solutions and many points of view.

Privacy or Security?

An open problem