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| | **TC-11**<br>**Security and Privacy Protection in Information Processing Systems** |

# Factsheet

# WG 11.1 Information Security Management

Version: June 2023

## *Introduction*

*(Strategic issues / questions: Introduction and mission statement)*

Working group 11.1 on Information Security Management was established in 1985 and revised in 1992.

**Statement of case / mission statement** (last revised: February 2006)

There is a growing trend for senior business management to be held answerable for the reliable and secure operation of their information systems, as they are for control of their financial aspects. Information Security is, and should always be, upper management responsibility. Information security professionals and WG 11.1 in particular, should therefore be responsible for the development of all types of tools, mechanisms and methods to support top management in this new responsibility.

## *Aims and scope* (last revised: February 2006)

*(Strategic issues / questions: What does the WG address, what does it want to achieve, what are the groups of people the working group focuses on, what are the boundaries of the work area)*

As management, at any level, may be increasingly held answerable for the reliable and secure operation of the information systems and services in their respective organisations in the same manner as they are for financial aspects of the enterprise, the Working Group will promote all aspects related to the Management of Information Security.

These aspects cover a wide range, from purely managerial aspects concerning Information Security, (like upper management awareness and responsibility for establishing and maintaining the necessary policy documents), to more technical aspects (like risk analysis, disaster recovery and other technical tools) to support the Information Security management process.

***Goals***

- to study and promote methods to make senior business management aware of the value of information as a corporate asset, and to get their commitment to implementing and maintaining the necessary objectives and policies to protect these assets;
- to study and promote methods and ways to measure and assess the security level in a company and to convey these measures and assessments to management in an understandable way;
- to research and develop new ways to identify the Information Security threats and vulnerabilities which every organisation must face;
- to research and identify the effect of new and changed facilities and functions in new hardware and software on the management of Information Security;
- to study and develop means and ways to help information security managers to assess their effectiveness and degree of control;
- to address the problem of standards for Information Security.

The target groups WG 11.1 mainly focuses on are:

Individuals

- Members of IFIP member societies
- Members of non-member societies
- Academic education
- Researchers (in academia)
- Practitioners
- Auditors
- Management (IT management, business management)

Organisations

- IFIP member societies
- Non-member societies
- Government bodies (specification desirable)
- Universities / “technikons” / training institutes
- NGO’s (UN, etc.)
- Commercial companies
- Non-IT societies (e.g. professional bodies of auditors)

## *Products, services and activities* (last revised: February 2006)

*(Strategic issues / questions: What are the products and activities the working group will deliver)*

The list of main products of working group 11.1 is based upon things that WG11.1 has already done in recent years, as well as directions that it would potentially be able to pursue with active member involvement:

IFIP conferences (in all variations)

- Working conferences (includes proceedings, printed and / or electronically)
- Workshops (includes proceedings, printed and / or electronically)
- Schools (includes proceedings, printed and / or electronically)

Joint conferences with others

- Similar societies

Projects

- White papers on new developments / policy statements
- Guidelines / best practices / codes (e.g. of ethics)

## *Membership rules* (last revised: February 2006)

*(Strategic issues / questions: Membership rules)*

The purpose of the following rules is to ensure an active and technically qualified WG:

- Members are expected to be qualified researchers or practitioners in information security management. Students currently pursuing qualifications in the area of information security are entitled to join with Associate Member status.
- Members are nominated by the Chair, subject to IFIP approval. Observers are nominated in the same fashion. Normal practice for IFIP WG 11.1 is to offer each individual presenting a paper at Working Group meetings the opportunity to become a member or an observer.
- Members are expected to participate actively in Working Group activities. At minimum, active participation means presenting a paper or taking an active role in the organisation of a meeting at least once every three years (i.e., a three-year period of inactivity is taken to indicate that the member is no longer actively interested in this technical area and can be cause for dropping the member from the roster).
- Observers are expected to attend at least one meeting every three years (i.e., a three-year period of non-attendance is taken to indicate that an observer is no longer actively interested in this technical area and can be cause for dropping the observer from the roster).

## *Contact details*

Contact of working group chair:


- Karin Hedström
  Örebro University
  Sweden
  E-mail: karin.hedstrom@oru.se


Home page of the group:

- https://www.ifiptc11.org/wg111

## *Annex a. Membership*

- **Officers, current**

Chair: Karin Hedström, Örebro University, Sweden
2nd term: July 2020 – July 2023

Vice-chair: Vacant

Secretary: Paul Haskell-Dowland, Edith Cowan University, Australia
6th term: July 2020 – July 2023

- **Membership list, as of May 2023**

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| **Australia** | Atif Ahmad, University of Melbourne |
| | Paul Haskell-Dowland, Edith Cowan University |
| | Carol Hsu, University of Sydney |
| | Dan Kim, University of Queensland |
| | Sean Maynard, University of Melbourne |
| | Malcolm Pattinson, University of Adelaide |
| | Matthew Warren, RMIT University |
| **Austria** | Florian Skopik, AIT - Austrian Institute of Technology |
| | Simon Tjoa, St. Pölten University of Applied Sciences |
| **Colombia** | Jeimy J. Cano M., Universidad de los Andes |
| **France** | Brahim Hamid, IRIT, University of Toulouse |
| **Germany** | Christopher Schmitz, Goethe-Universität, Frankfurt |
| **India** | Mukhopadhyay Arunabha, Indian Institute of Management Lucknow |
| | Roshaan Narkedayy, University of Pune |
| | Abhishek Shukla, R.D. Engineering College |
| **Malaysia** | Lam Wai Leong, SBIT |
| | Hamed Taherdoost, Hamta Group |
| | Omar Zakaria, National Defence University of Malaysia |
| **Poland** | Andrzej Bialas, Institute of Innovative Technologies EMAG |
| **Portugal** | Henrique Santos, University of Minho |
| **South Africa** | Reinhardt Botha, Nelson Mandela University |
| | Rossouw von Solms, Nelson Mandela University |
| | Kerry-Lynn Thomson, Nelson Mandela University |
| **Spain** | Alvaro Arenas, IE University |
| **Sweden** | Rose-Mharie Åhlfeldt, University of Skövde |
| | Karin Hedström, Örebro University |
| | Frederick Karlsson, Örebro University |
| | Ella Kolkowska, Örebro University |
| **United Kingdom** | Dionysios Demetis, Hull University Business School |
| | Steven Furnell, University of Plymouth |
| | Karen Renaud, University of Strathclyde |

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| **United States of America** | Mohamed Abdelhamid, California State University<br>Gurpreet Dhillon, University of North Carolina at Greensboro<br>Murray Jennex, San Diego State University<br>Juan Lopez, Jr, Oak Ridge National Laboratory<br>Spyridon Samonas, Panasonic Avionics Corporation |