

	International Federation for Information Processing
	TC-11 Security and Protection in Information Processing Systems

Factsheet

WG 11.1

Information Security Management

Version: 14 February 2007

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: 02-2006)

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 reconfirmed: 02-2006)

(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 organizations 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 organization 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)

Organizations

- 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: 02-2006)

(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: 02-2006)

(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 organization 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:

- Prof. Steven Furnell
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Home page and mailing address of the group:

- <http://www.cisnr.org/ifip>
- Prof. Steven Furnell
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University of Plymouth
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Annex a. Membership

- **Officers, current**

Chair: Steven Furnell, University of Plymouth, UK
first three-year term, August 2004 – August 2007

Vice-chair: Gurpreet Dhillon, VCU School of Business, Richmond, VA, USA
first three-year term, August 2004 – August 2007

Secretary: Paul Dowland, University of Plymouth, UK
first three-year term, August 2004 – August 2007

- **Membership list (as of February 2007)**

Australia	Atif Ahmad, University of Melbourne
Australia	Sharman Lichtenstein, Deakin University
Australia	Sean Maynard, University of Melbourne
Australia	Malcolm Pattinson, University of South Australia
Australia	Matt Warren, Deakin University
Colombia	Jeimy Cano, Universidad de los Andes
Finland	Jorma Kajava, Oulu University
Finland	Reijo Savola, VTT Technical Research Centre of Finland
Finland	Teemupekka Virtanen, Helsinki University of Technology
Italy	Julian Rrushi, University of Milan (Associate Member)
Malaysia	Yang Guo, University of Malay (Associate Member)
Netherlands	Clemens Willemsen, Department of Justice
Norway	Annikken Seip, Kredittilsynet (FSA of Norway)
New Zealand	Pradeep Navalkar, M-co
Poland	Andrzej Bialas, Institute of Control Systems
South Africa	Carl Grundling, CSIR (Council for Scientific and Industrial Research)
South Africa	Rossouw von Solms, Port Elizabeth Technikon
Sweden	Jabiri Bakari, Stockholm University (Associate Member)
Sweden	Albin Zuccato, Karlstad University
UK	Nathan Clarke, University of Plymouth
UK	Neil Doherty, Loughborough University
UK	Paul Dowland, University of Plymouth
UK	Jean-Noel Ezingard, Henley Management College
UK	Steven Furnell, University of Plymouth
UK	Athanasios Karakasiliotis, University of Plymouth (Associate Member)
UK	Dimitrios Michalopoulos, University of Plymouth (Associate Member)
UK	Jeremy Ward, Symantec (UK)

UK	Omar Zakaria, Royal Holloway (Associate Member)
USA	Gurpreet Dhillon, Virginia Commonwealth University
USA	Jagdish Gangolly, State University of New York at Albany
USA	Tim Goles, University of Texas
USA	Murray Jennex, San Diego State University
USA	Vijay Masurker, Sun Microsystems

- **Officers, history**

Chair: Matthew Warren, Deakin University, Australia.

Annex b. Workplan

- Planned events / activities

- [1] IFIP TC-11 WG 11.1 & WG 11.8 Joint Workshop - Fostering Knowledge and Skills for Manageable Information Security, Sandton, South Africa, 15 May 2007.

- Past events / products / achievements

- [2] IFIP TC-11 WG 11.1 & WG 11.8 Joint Workshop on Security Culture, Karlstad, Sweden, 22 May 2006.
- [3] IFIP TC-11 WG 11.1 & WG 11.5 Joint Working Conference on Security Management, Integrity, and Internal Control in Information Systems, Fairfax, Virginia, 1-2 December 2005.
- [4] European Intensive Programme on Information & Communication Technologies Security (IPICS '2005) – Sixth Winter School, Oulu, Finland, 30 March-7 April 2005 (WG 11.1 was event co-sponsor).
- [5] “Embedded Workshop Information Security Management (ISM)” within SEC 2004 - 19th IFIP International Information Security Conference, Toulouse, France, 24 August 2004.