Masterclass Cycle
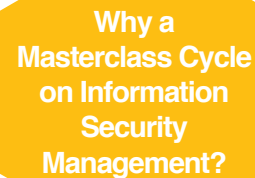## on Information Security Management

The Masterclass Cycle on Information Security Management is a truly European modular programme, co-created with the CIO community, that targets a high impact on both individual and organizational performance.

euroCIO
The European CIO Association

antwerp
management school
The autonomous management school of the University of Antwerp

TIAS
SCHOOL FOR
BUSINESS AND SOCIETY

Why a Masterclass Cycle on Information Security Management?

Companies, particularly those with global operations, face major challenges.

In today's information society, companies and institutions have become increasingly dependent on information and information-processing systems, and, by extension, on good security systems. Information security in organizations has developed from low-key technical solutions, towards coherent, efficient security systems and processes. Nowadays information security contributes directly to the strategic positioning of an organization.

True risk management and good information security needs to be backed up with a (business) management-supported policy that incorporates both the necessary technical and organizational action to ensure protection of systems. In other words, information security must be embedded in the organization's general strategy and governance.

Learning Outcomes

After completing this program you have mastered the following professional skills

- **Management:** developing information security and risk management strategies and policies suited to the organizational needs;
- **Set-up:** setting up information security and risk management processes, and embedding them in other corporate processes to ensure good governance;
- **Awareness:** raising awareness in terms of information security and determining what information security measures need to be taken;
- **Risks:** carrying out risk assessments, drawing up information security policy and plans (including management and audit plans);
- **Measures:** ensuring organizational and procedural- based security measures are designed and managing their execution, taking into account all legal, business and user aspects;
- **Partners and third parties:** assessing and determining service level agreements, and maintaining, evaluating and improving security measures;
- **Coordination:** collaborating constructively with technical information security experts, and harmonizing policy, operational activities and information security IT aspects;
- **Architecture & design:** using design principles to ensure secure systems and developing security architectures;
- **Spider in the web:** acting as an intermediary between management, the IT department and operational units within the organization with regard to information security.

A unique programme on ISM in Europe

The Masterclass Cycle on Information Security Management is the result of a highly interactive and demand-driven design.

It has been developed by leading business schools under the sponsorship of EuroCIO with the involvement of senior managers working for top European companies. It is aligned with EuroCIO's e-competence matrix and is a core component of in its Executive Education Programme,

The programme involves business schools from different locations in Europe delivering education both on the techniques and management of strategy and enterprise architecture. It combines best practices and innovative content delivered by Antwerp Management School, TIAS School for Business and Society (Tilburg university), who have vast experience in training professionals and executives in Information Security Management.

Understanding the strategic context
(Tilburg)

This module discusses the broader organizational context of information security and provides a pragmatic approach to align the information security strategy to the organization's strategic goals.

Also related governance, legal and compliancy aspects will be covered as well as the economics of information security.

Translating information security strategy into action
(Antwerp)

In this module participants will learn how to compose a professional information security management system for your organization, starting from identifying the relevant information risks up, getting approval to start the security initiative and launching it through a project based approach.

You will learn how to build and execute a short, mid and long term information security program.

Maintaining operational aspects of information security management
(Antwerp)

This module addresses all operational matters related to information security management, including questions such as how to keep information security on the agenda and how to control information security within the predefined requirements and agreements?

Also the module explores new security management challenges caused by new technological developments.

In addition to the primary objective of providing education and development to the CIO and his staff, the EuroCIO programme has a secondary aim of contributing, through this Education Program, to the development of a recognised European ICT Professional Education environment. Because of that, all EuroCIO Education courses are fully compliant with the e-skills program of the European Commission, including the e-Competence Framework, related ICT-job profiles and emerging quality and certification standards.

Professor Dr. Steven De Haes

Henley Business School
Associate professor

Steven De Haes, PhD, is Associate Professor Information Systems Management at the University of Antwerp – Faculty of Applied Economics and at the Antwerp Management School. De Haes is actively engaged in teaching and applied research in the domains of IT Governance & Management, IT Strategy & Alignment, IT Value & Performance Management, IT Assurance & Audit and Information Risk & Security.

Professor Piet Ribbers

Tias School for Business and Society

Piet Ribbers is full Professor of Information Management at the School of Economics and Management of Tilburg University. He served the school as Dean, as Head of the Department of Information Management, and as Academic Director of the MSc Information Management.

At Tias Business School Professor Ribbers is Academic Director of the executive Master of Information Management (MIM), the executive professional program Business and Enterprise Architecture (BEA) and the professional program in IT consultancy.

Antwerp Management School

Antwerp Management School is an ambitious business school at the heart of Europe. Building on the long tradition of academic learning of its parent institution, the University of Antwerp, Antwerp Management School has already carved out an important place for itself on the international stage. Antwerp Management School was founded in 1959 as IPO and since 2008 it's the autonomous business school of the University of Antwerp.

Its AACSB, AMBA and NVAO accreditation are evidence of the institution's process of continuous improvement and its relentless ambition to achieve greater quality.

Antwerp Management School appears for Master Programs on diverse international rankings such as Eduniversal and the Financial Times rankings.

TIAS School for Business and Society

TiasNimbas is the business school of Tilburg University and Eindhoven University of Technology. We offer a broad portfolio of MBA, DBA, Masters (MA/MSc), Executive Masters and shorter executive programmes, in a number of locations and in various formats. Furthermore, we develop company specific programmes for renowned national and international organizations.

TiasNimbas is a university-based business school. This gives us access to a number of renowned research institutes and the latest knowledge, and also implies that we invest a lot in knowledge development. With our motto 'Never Stop Asking' we aim to push the 'frontiers of knowledge' and integrate new insights and knowledge into our programmes. We demand a lot from our participants as well as from ourselves.

This is what made TiasNimbas the renowned business school with international focus it is today. Our continuous focus on quality, our innovative programmes and the value we attach to the link between theory and real life, have resulted in strong positions in national and international business school rankings.

"The role of the Chief Information Security Officer (CISO) is key in bringing company security and compliancy systems at highest standards. The Security Team managed by the CISO needs a thorough understanding of the company and business mission, vision and strategies, and a strong ability to design company business processes and controls in order to achieve consistency, and superior performance. These qualities lead to certification. Surveys of the CIO Community have shown that cybersecurity and compliancy are the highest priority for CxO and need appropriate governance and management., supported by organizational and technical information security measures; We need professionalism in such key roles of the company and hence the EuroCIO is establishing a Professional Program in Information Security Mgmt, compliant with the EU e-competence framework.

Freddy Van den Wyngaert
CIO Agfa-Gevaert, Chairman of the European CIO Association

"Cyber resilience is becoming an absolute key subject in every organization, both public and private. Organizations are endangered by many different kind of threats from individuals to well organized crime groups operating from every thinkable place, while governments are lagging behind in taking the right measures. In this situation and up till today no course exists at European level aiming at educating the necessary skills to cope with all these kind of situations. Information Security people and management must have a profound knowledge of latest cyber technologies but also of legal or communication means, of human behavior, and more to be able to develop and maintain the right cyber strategies. EuroCIO's aim is to help to establish a true Information Security profession at European level and this course is developed to fill in this gap".

Peter Hagedoorn
Secretary-general European CIO Association
Former CIO Océ, former chairman CIO-Platform Netherlands, CIO-Award winner Netherlands

"How do we deliver an efficient and effective cyber security in an evolving digitized global business? Quite a challenge. Its solution goes by the development of actors who understand security threats and are able to build and sustain a security architecture and systems that support the growth the business. Our new Master Program delivers the right components to build those actors. Just join."

Edwin D'Hondt
Vice President IT Enterprise Architecture and Infrastructure Management Information Systems, Umicore
Chairman of the Cyber Security Council of the European CIO Association

Compliant with the e-Skills Program of the European Commission

This course is compliant with the e-Skills program of the European Commission, including the e-Competence Framework, related ICT-job profiles and emerging quality and certification standards. Therefore the skills you will acquire will be recognised across Europe

Practical Information

Due to the international nature of both participants and faculty, the Masterclass Cycle on Information Security Management is taught in English, hence demonstrable proficiency will be required in speaking and writing English.

Application procedure

If you are interested in the Masterclass, please email **applications@eurocio.org** with a resume / CV.

Contact

Should you have any questions about the application process or want personal advice to optimise the return on your participation in this programme, please contact us.

Programme Advice

Antwerp Management
School (Belgium)
Tel: + 32 (0)3 265 47 58
E-mail: info@antwerpmanagementschool.be

TIAS School for Business and Society, Netherlands
Tel: + 31 (0)13 4668697
E-mail: contact@tias.edu

Fees

Your investment in participating in the Strategy & Enterprise Architecture programme is €6.000. The programme cost includes lunch and refreshments and excludes accommodation and dinner costs. No VAT is charged.

Duration

This programme is part-time. It comprises 3 modules of 4 days and is scheduled over about 6 months.

Location

Courses are planned to take place in two locations :
• Antwerp Management School, Antwerpen, Belgium
• TIAS School for Business and Society, Tilburg, the Netherlands

Dates

Module 1 (**Tilburg**) : 22-23 January 2015
Module 2 (**Antwerp**) : 26-27 February 2015
Module 3 (**Antwerp**) : 19-20 March 2015

Masterclass Cycle on Information Security Management

This programme focuses on strategic information security management.
For more information see the ISM brochure at www.eurocio.org/ism

The European CIO Association

The European CIO association is a non profit organization headquartered in Brussels acting as a professional platform for larger corporations and national CIO organizations. The association's purpose consists of sharing experiences and developing visions at European level for the better and best use of IT within member's entities. The Association provides its members a coordinated platform of services for helping them to professionalize the function of Chief Information Officer. The Professional Programme in Information Security Management is part of a broader framework of Executive Education developed by EuroCIO that aims at the professionalization of the Corporate IT organization.

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The European CIO Association