



David Hagen

Hagen Advisory



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Autorisation d'établissement N°
00060998/0

TVA : LU32074174

Curriculum Vitae

Since May 2020: Independent Director and Strategic Advisor in ICT and Cybersecurity for the Financial Sector (Hagen Advisory®)

Independent Director.

Specialising in advising financial institutions on IT regulatory compliance and cybersecurity.

Oct. 1999 - April 2020: Commission de Surveillance du Secteur Financier (CSSF)

Principal Executive Advisor (Premier Conseiller de Direction),

Head of IT Supervision and Support PFS¹. This service of 25 agents comprises two areas:

1. Supervision of the Information Systems of the supervised entities
2. Supervision of Support PFS

In addition to these two domains, from 2009 to 2015: Chief Information Officer, responsible for the CSSF's Information Systems (internal IT) (35 people).

Areas of expertise

- Qualification of regulated activities, instruction of licensing files, evaluation of the issues of supervision of financial activities relying on new technologies (virtual money, electronic money, payment institutions, Fintech, blockchain, Artificial Intelligence, etc.).
- IT Direction, strategy, implementation and management,
- Expert in cybersecurity and information security policies.

¹ PFS : Professional of the Financial Sector



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Professional commitment during these years

Participant in the FinTech working group of the *Haut Comité à la Place Financière*, WG Regulation.

Member of the Board of Directors of ALMUS (Association Luxembourgeoise des Membres Utilisateurs SWIFT).

Member of the ITSG (IT Supervisors Group), which brings together the heads of IT supervision in the main countries (USA, UK, D, F, I, E, B, NL, DK, N, S, China, Japan, Malaysia, Mexico, Australia, etc.).

Member of the WG of the Basel Committee on Internet Financial Services

CESR-Tech member, now ITSM (ESMA)

Member of Cobma, WG E-finance

Founding member of ANSIL, Association for the Standardization of the Information Society Luxembourg

Participant in the Foresight exercise of the National Research Fund (FNR)

Member of the Electronic Signature Committee of the Ministry of Economy (Ministerial Order of 17 December 2013)

Scientific advisor to the CRP Henri Tudor (now LIST), initiator of the GRIF project (Operational Risk Management of Financial Institutions) which led to the InnoFinance research programme.

ATTF² expert, providing training on IT supervision to foreign authorities (National Bank of Russia, Mongolia, Poland, etc.).

President of CLUSIL (CLUB de la Sécurité de l'Information Luxembourg) for ten years, currently Honorary President, Club de la Sécurité des Systèmes d'Information Luxembourg.

Speaker and panelist at ABBL, ALFI, ALRiM, ALCO, ISACA Luxembourg Chapter, IIA...

Previous positions

1994 – 1999: **PricewaterhouseCoopers Management Consultants (Luxembourg) sàrl**
Manager IT Finance

1992 – 1994: **Banque Internationale à Luxembourg (BIL)**
Trading Room Infrastructure Manager

1988 – 1992: **Centre de Transfert Electronique (CETREL S.C. now Six Payment Services)**
Head of IT Development

² ATTF : « *Agence de Transfert de Technologie Financière* », Financial Technology Transfer Agency, Integrated in the House Of Training since 2016.



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1985 – 1988: IC Informatique S.A. (on behalf of the Publications Office of the European Union)

Project leader of ECOIN-EINECS (tool for multilingual translation of 100,000 chemical products)

Other activities

Since 2007 - Today: Lecturer at the University of Luxembourg, Master in Information Systems Security

Publications

Co-author of the following academic publications:

- CLOUD PROVIDERS VIABILITY: HOW TO ADDRESS IT FROM AN IT AND LEGAL PERSPECTIVE? (Cesare Bartolini, Donia El Kateb, Yves Le Traon, David Hagen (2015))
- OPERATIONAL RISK MANAGEMENT IN FINANCIAL INSTITUTIONS: PROCESS ASSESSMENT IN CONCORDANCE WITH BASEL II (C. Bernard, D. Hagen, P.Maar, D. Reinard, B. Di Renzo, M. Hillairet, M. Picard, A. Rifaut, (2005))

Awards

"Lifetime Career" award from ITOne, received in 2017 from the Luxembourg ICT community in recognition of my commitment to the Luxembourg ICT sector.

Academic education

Master in Computer Methods Applied to Management (Méthodes Informatiques Appliquées à la Gestion - M.I.A.Ge),
University of Nancy II, 1984. (France)

Bachelor in Economy (Diplôme d'Etudes Universitaires Générales (D.E.U.G), Sciences Economiques)
University of Nancy II, 1982. (France)

Age
61

Marital status
Married, two children

Nationality
Luxembourgish

Language skills

	Understanding	Speaking
French (primary language)	* * * *	* * * *
English	* * *	* * *
German	* * *	* *
Luxembourgish	* * *	*
Spanish	* * *	* * *
Italian	* *	-