



# CYBER RISK IN THE BANKING INDUSTRY

ADDRESSING & MITIGATING THREATS

FRIDAY, 29 NOVEMBER 2019  
THE BALLROOM, CORINTHIA PALACE HOTEL, ATTARD

## CONFERENCE PROGRAMME



# CYBER RISK IN THE BANKING INDUSTRY

## ADDRESSING & MITIGATING THREATS

### CONFERENCE PROGRAMME

- 8.00 - 8.45 Registration and welcome coffee
- 8.45 - 8.55 Address by **Marcel Cassar** - MBA Chair/ CEO APS Bank plc
- 8.55 - 9.10 Opening speech by **Daniela Bagnaschi** - Head, Data Management and Business Intelligence MFSA

### PRESENTATIONS

- 9.10 - 9.40 **Daniel German** - Information Security Officer, Risk Management Department CBM
- Daniel's presentation will take a scan of the cyber environment that we inhabit by looking at some types of hacking techniques and other threats. He will follow up by examining some of the means at our disposal to defend against cyber-attacks.
- 9.40 - 10.10 **Sandra Saliba** - Senior Analyst, Securities and Markets Supervision MFSA
- Sandra will focus on the open banking requirements and outsourcing arrangements, i.e. the relationship between credit institutions and any third party(ies) providers (TPP) involved in providing payment services alongside the traditional actors. In terms of TPP, she will focus on PSD2 as the most significant piece of legislation in the context of access and cyber security. Sandra will refer to outsourcing mostly with respect to cloud computing.
- 10.10 - 10.30 Coffee Break
- 10.30 - 11.00 **Daniele Frasca** - Director, Cyber Risk Services Deloitte (Milan, Italy)
- Trends in cyber risk and regulation for financial institutions - Customer interactions transformed, geographic constraints lessened, processes automated, and downtime significantly reduced. Whilst this increasing connectivity undoubtedly benefits organizations, it is largely built and designed primarily to share information rather than protect it.
- 11.00 - 11.30 **Nancy Masschelein** - Head of Section, Methodology and Data Management DG III ECB
- Nancy will highlight issues arising from IT and Cyber risk as part of the ECB Banking Supervision Supervisory Priorities. Her presentation will include an overview of ECB activities and will address the key findings arising from the ECB's cyber security oversight of the supervision of less significant institutions (LSIs) by national supervisors.
- 11.30 - 12 noon **Alexandra Maniati** - Head of Cybersecurity & Innovation, EBF
- Alexandra will provide an overview of cybersecurity-related developments in terms of EU policymaking, and present the strategy and actions of the European Banking Federation in this field.
- 12 noon - 13.00 Panel Discussion
- Participants: Insp. **Timothy Zammit**, (Malta Police Cyber Crime Unit), **John Agius** (Director CIPD), **Nancy Masschelein** (ECB), **Alexandra Maniati** (EBF) and **Daniele Frasca** (Deloitte Italy). Moderated by **Rodney Naudi**, Member of the MBA's Cybersecurity Sub-Committee and MBA representative on EBF's Cyber Security Working Group.
- 13.00 Close of Conference Followed by: Networking Lunch

## SPEAKERS

### Marcel Cassar

CEO of APS Bank plc since 2016. His 32 year professional career started with a Big 4 firm and moved to bank regulation and supervision where he was trained at the Bank of England and Federal Reserve Board. Since 1996 he has held successively senior executive positions in banking and financial services mainly in Malta. In May 2018 he was appointed Chairman of the Malta Bankers' Association, leading to a seat on the main board of the Brussels-based European Banking Federation (EBF).

Marcel is a CPA, a member of the Malta Institute of Accountants and holds an MBA in Bank Financial Management from the University of Wales and Manchester Business School. He lectures in the M.A. (Financial Services) programme at the University of Malta and has been a supervisor and examiner of many a thesis over the years. He also makes regular conference contributions in Malta and overseas.

### Daniela Bagnaschi

Daniela Bagnaschi is Head of Data Management and Business Intelligence and tasked with the setting up of this new function within the MFSA.

Daniela is an experienced change management professional, having occupied diverse senior IT and business-related positions within executive management teams in the banking and telecommunications industries. She has a strong background in IT, particularly database technologies and advanced business analytics, with over 15 years' experience working within local and multi-cultural teams. Daniela holds an undergraduate degree, B.Sc. (Hons) in Mathematics and Informatics from the University of Malta, as well as an MBA in General Strategic Management from Henley Business School of the University of Reading, UK. She was also selected to join a global leadership programme for a renowned multi-national company early on in her career.

### Daniel German

Daniel German, a Senior Executive within the Risk Management Department of the Central Bank of Malta, has the roles of Information Security Officer and Manager, Operational Risk Management Office, including responsibility for business continuity, information security resilience and following developments in Blockchain and cryptocurrencies. He is a member of the Bank's Cybersecurity and Risk Committees and of the ESCB's Business Continuity Management Task Force.

His previous roles provided him with experience in strategic planning, governance, project management, business process management and information systems. He obtained his degree in the management of information systems and a distinction in his Executive MBA.

### Sandra Saliba

Sandra Saliba commenced her career at the Central Bank of Malta in the area of Policy and Regulations in Payments and Banking, before joining the Securities and Markets Supervision Unit at the Malta Financial Services Authority, where she is currently responsible for enhanced supervision and policy implementation. She was involved in drafting the MFSA Guidance Notes on Cybersecurity (Fintech). Sandra holds a M.Sc. degree in European Governance and Public Policy (Wales) and a M.Sc. degree in Economics (Poland) as well as B.A. degrees in Management and in European Studies (Poland). Her professional interests include EU regulatory governance and cybersecurity.

### Daniele Frasca

Daniele is a Director for Deloitte's Cyber security practices in Italy, actively involved in advising and supporting Italian major organization in the Banking Sector on Cybersecurity topics and initiatives. He has gained over 19 years of experience in bridging information security, information technology, risk management and cyber security programs to enhance strategic decision-making, business and operational value.

Daniele joined Deloitte in 2013, coming from a previous long experience in Accenture, leading significant Cyber Security initiatives in Italy and Middle East mainly for organization in the Banking Sector.

### Nancy Masschelein

Nancy Masschelein joined the European Central Bank in 2016 and heads the Methodology and Data Management Section in the Directorate General Microprudential Supervision III which is responsible for overseeing the supervision of less significant institutions (LSIs) by national supervisors. Nancy is leading various methodological projects including the LSI SREP methodology and Cyber Risk for LSIs. Prior to joining ECB, Nancy was Vice President at Wolters Kluwer Financial Services where she led the development and implementation of risk frameworks in various banks. Before joining Wolters Kluwer, Nancy was employed as senior economist at the National Bank of Belgium where she was an active member of Basel Committee's task forces. She also lectured various risk management courses.

### Alexandra Maniati

Alexandra Maniati is the Head of Cybersecurity & Innovation at the European Banking Federation. Alexandra joined the EBF in 2017. As the Head of Cybersecurity & Innovation, Alexandra's remit includes as of September 2019, the following workstreams; cybersecurity, payments, cloud, data, crypto-assets and AI.

She is a member of:

- the Advisory Group on Financial Services of Europol EC3
- the Expert Group on Finance Sector's ICT Resilience & Security of ENISA
- the Working Group for Financial Services of ECSO
- the Digital Skills & Jobs Coalition of the European Commission.

Alexandra is also the EBF's liaison with the G7 Cyber Expert Group for ad hoc projects.

## OTHER PARTICIPANTS

### Timothy Zammit

Timothy Zammit joined the Malta Police Force in 2003 and was assigned to the Economic Crimes Unit with the main area of interest being Money Laundering investigations. In 2007, as Police Sergeant within the Cyber Crime Unit, Timothy was involved in several investigations that led to successful prosecutions and convictions in all spheres of cyber-related crimes. In 2011 after being promoted to Inspector of Police, Timothy has since been entrusted with the operations of the Police Cyber Crime Unit as well as being involved in the design and implementation of educational awareness programmes given to the general public, schools and the media. Timothy is also actively involved in several International and European fora and has been designated as the national contact point for Cyber Crime in numerous policy-making working groups and operational teams within law enforcement networks. As well as having served as a trainer and expert in a number of training courses held to European law enforcement as well as a Council of Europe mission, Timothy was elected unanimously to the Board of the European Cybercrime Task Force (EUCTF) in April 2019. Timothy holds an MSc in Counter Fraud and Counter Corruption Studies awarded by the University of Portsmouth (UK).

### John Agius

John Agius is the Director at the Malta Critical Infrastructure Protection Directorate (CIPD) incorporating the Critical Infrastructure Protection (CIP) Unit; Critical Information Infrastructure Protection (CIIP) Unit; and CSIRTMalta. The CIP and CIIP Units are the respective National Competent Authorities and SPOC in the respective sectors.

By profession, John is a Risk and Disaster Management professional. Combined with his 30+ years of professional experience in Management, the Police, Law, Security, Planning, Environmental enforcement, Telecommunications, Civil Protection and Critical Infrastructure and Information Infrastructure Protection, his knowledge is academically backed by an M.Sc. in "Risk, Crisis & Disaster Management" from the University of Leicester in England, a degree in "IT" and a Diploma in "Law and Administration". He is the CIP European Point of Contact for Malta. He reports and coordinates related issues within Malta, with the European Member States, the European Commission and other international partners.

### Rodney Naudi

Rodney Naudi graduated in Mathematics and Computing from the University of Malta (first class) and was awarded a Chevening scholarship to pursue a Master's degree in Advanced Software Engineering from the University of Sheffield where he graduated cum Laude.

Rodney's career in ICT spans a period of over 25 years having been involved in key ICT transformation projects with the Malta IT Agency (MITA). More recently Rodney joined APS Bank as a Senior Manager responsible for operational and cyber risk within the Risk Department. He is also a visiting senior lecturer at the University of Malta.

Rodney was one of the key drivers in the launch of the Malta Cyber Security Strategy in 2016 and was a member of the Malta Cyber Security Steering Committee. He also chaired the Horizontal Working Party on Cyber during the 2017 Maltese presidency of the Council of the European Union.

Rodney's professional interests include business continuity, information security, social engineering, cyber risk & resilience and lean management practices.

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