Beyond Compliance: Managing Digital and AI Regulations Through a Practical Framework

Although we usually see Europe as the world's leading "regulator", digitalization and the rise of AI have acted as a catalyst for worldwide regulations on digital, data and AI.

With most of these regulations covering a broad territorial scope – organisations in the Caribbean, the US, Canada and south America also have to comply with many of them.

Fortunately it's not all bad news as there are ways to dealing with these and all future regulations in an efficient and cost effective manner.

During the course of the last year we've been building a new framework on how to deal with these regulations which has been open for review in the broader privacy and information security community and was very well received on other conferences and meetings.

With European authorities starting to adopt this framework it's time to share it with the audience of ISACA.

The framework includes requirements, capabilities and risks which will be explained during my presentation, using a number of practical cases.

A number of these risks can be mitigated by means of pseudonimization and anonymization. Even though these measures should be well known and broadly applied we still see many organisations struggling with them.

The risks of not applying pseudonimization and anonymization correctly can provide a false sense of privacy and information security. Therefore we'll deep dive into the different ways of applying these two technical measures, common mistakes and best practices.

Benefits of this presentation:

You will not only understand the different digital acts to apply with but also how to apply them in an efficiënt manner – reducing delivery time, effor and cost while increase the quality of your compliance exercise.

The ISACA audience will receive a digital copy of the framework and can start applying it immediately. We're looking forward to their feedback.

Christoph Balduck

CTO of Data Trust Associates

As managing partner and CTO of Data Trust Associates, Christoph Balduck supports organizations in the areas of privacy, data protection, data compliance and information security. Christoph combines these capabilities with expertise in data management – especially focussed on Data and AI governance, Data Quality and Data Architecture.

His vision has always been that the world of data compliance is thightly coupled with the world of data management and AI. With growing digital regulations in all parts of the world, we see both of these worlds coming together. Most new digital regulations embed parts of data management, data interoperability, privacy & data protection and information security.

Christoph focuses in his daily work on a practical implementation that enables companies to derive value from their data. This means he will coach companies to find the right use cases, do the data analysis and make sure use cases get fully implemented in a compliant and secure manner.

Besides the combination of the two worlds and the practical hands-on approach with customers, Christoph is using AI to automate data compliance and data & AI management processes in order to keep up with the fast growing digital challenges.

Christoph is a long time professor at the Data Protection Institute where he helped certify over 3000 data protection officers, but also delivers training in data management, data protection and technology, AI etc. .

He was the first one to teach data governance & data quality management to Data Protection Officers and Information Security professionals.

Furthermore he is a visiting professor at the Thomas Moore institute in Belgium where he teaches Privacy and Information Security by design and by default.

Christoph also advises and trains several regulatory authorities on how to assess and regulate cases.

Building and maintaining Digital Trust with AI

In an increasingly digital world, trust in technology is paramount for its widespread adoption and effective use. Artificial Intelligence (AI) offers powerful tools and methodologies to build and maintain this trust by enhancing transparency, ensuring security, and improving user experience. This presentation explores how AI can be leveraged to address key concerns such as data privacy, cybersecurity, and ethical decision-making, ultimately fostering a trustworthy digital environment. We will examine AI's role in creating reliable systems through automated monitoring, anomaly detection, and predictive analytics, as well as how it can enhance user trust by personalizing and humanizing interactions with technology. Furthermore, the presentation will delve into the importance of AI ethics and governance frameworks that ensure responsible AI deployment.

Benefits of attending this presentation: By attending this presentation, participants will not only gain a thorough understanding of how AI can be leveraged to build and maintain trust in digital technologies, but they will also get an overview of the skills and strategies that can be implemented immediately within their organizations. This knowledge will empower them to lead in the development of trustworthy, AI-driven digital ecosystems.
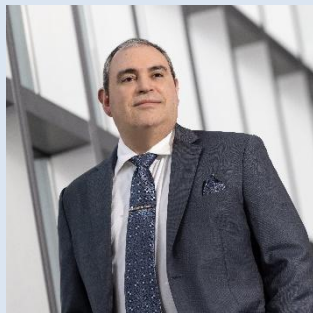
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Javier Gonzalez is a senior executive with over 25 years of broad cybersecurity and enterprise risk management experience, delivering business value through wide-ranging expertise in technology, strategy, market share expansion, sales growth, and merger & acquisitions. Javier is a strong information technology professional skilled in architecture, and has a proven record in strategic execution, cyber disruption, and innovation roadmaps. He shares his expertise as an active advisory board and committee member across several technology, cyber defense, and IT companies.

Javier is a former Chief Information Security Officer for the Mexico branch of a top 20 global bank. He completed the Program in Board Governance with the BoardReady Institute in 2022. He holds certifications as a Certified Information Systems Security Professional (CISSP) and Certified Information Security Auditor (CISA).