

Master Thesis: Privacy Implications of Cyber Incident Reporting Obligations on Multinational Organizations

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Security

Privacy &

Society



Background:

Cyber incidents are still on the rise, while step by step incident reporting obligations are introduced by the governments around the world to better grasp privacy violations of information. Depending on the jurisdiction, there are different regulations that define what and when companies need to report such violations. Multinational organizations face different challenges when they are hit by cybercriminals: Do we have to report? Where, in which jurisdiction do we have to report? What do we have to report?

At the same time, companies are sometimes not even aware of all the reporting obligations and their diversity.



Human-Centered Security and Privacy and Cyber Incident Reporting:

As outlined above, the diversity of cyber incident reporting obligations and the consequences in case of privacy violations are still difficult to grasp with regards to human-centered security and privacy research. Thus, it is important to organizations to get a full understanding of the privacy implications of cyber incident reporting obligations to increase the organizational resilience.

For example, when multinational organizations are fully aware of their cyber compliance responsibilities they can more effectively react in the event of a cyber crisis.

The thesis should work towards a better understanding of applicable reporting obligations around the world and give empirical insights on industry reporting behaviour and readiness, while deriving implications for human-centered security and privacy research.

The thesis may include

- a comprehensive overview of cyber incident reporting obligations around the world
- a survey among compliance experts and CISOs of multinational organizations on cyber incident reporting behaviour and readiness.
- the development of an agenda for future research and/or the proposal to address upcoming challenges derived from the study or survey

The Security, Privacy and Society Group

The group conducts research at the intersection of humans and technology with a focus on human-computer interaction and the human aspects of IT security and privacy. Using interdisciplinary approaches, we aim to tackle current security-related challenges and to develop human-centered solutions.

Leo & Muhly Cyber Advisory

The company is a strategic partner to various companies and authorities for managing cyber risks while focusing on human, organizational and technical aspects.

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