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The Impact of Cybercrime on Belgian Businesses

© Letizia Paoli, Jonas Visschers, Cedric Verstraete & Elke van Hellemont

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FOREWORD

This is the fourth book to be published in the series launched by the KU Leuven Centre for IT & IP Law (CiTiP) in 2018. The work collects the results of one of the work packages within the larger research project *Belgian Cost of Cybercrime* (BCC), funded by the BELSP0 – the Belgian Service Science Policy Office. BCC was a four-year interdisciplinary research project on the cost and impact of cybercrime in Belgium. The project started in December 2013 and ended in August 2018.

The project was set up on the basis of expertise gained by *B-CCENTRE*, which was the first main platform for collaboration and coordination with regard to cybercrime matters in Belgium. *B-CCENTRE* was initiated and coordinated by CiTiP's predecessor ICRI and managed by Ann Mennens. It further comprised the collaboration of several academic research groups, industry players as well as public organisations (law enforcement, judges and policymakers).

The BCC project started from the assumption that, while information technology has been offering unprecedented opportunities to the Belgian society and economy, it also created new opportunities for, and vulnerabilities to, crime. Cybercrime can cause serious harm to individual and corporate internet users and compromise communication, e-commerce, financial and other services that rely on digital information and infrastructure. The BCC project aimed at systematically investigating and assessing the impact (i.e., costs or harms to material interests and non-material harms) of cybercrime on three levels: society, government and industry. Five teams of researchers at the KU Leuven and the University of Ghent have pooled their expertise in computer science (Distrinet and Cosic), criminology (LINC), communication sciences (MICT) and law (CiTiP), to jointly perform this research project under the coordination of the KU Leuven Centre for IT & IP Law (CiTiP).

The deliverables on the various work packages of the project are published on the website <https://bcc-project.be/>. The present book consists of an enhanced publication of the results of two survey waves amongst Belgium-based businesses carried out by researchers of the Leuven Institute of Criminology (LINC). We hope that it can provide useful information for policy makers and

industry players to make informed decisions and design strategies for enhanced protection against cyber threats.

Prof. dr. Marie-Christine JANSSENS
Head of Unit KU Leuven Centre for IT & IP law (CiTiP)

20 October 2018

ACKNOWLEDGEMENTS

Our study has been part of a broader multidisciplinary and multiannual research project aiming to assess the costs and harms generated by cybercrime to the Belgian society. This larger project has been funded by the BRAIN-be research program of the Belgian Science Policy Office (BELSPO) and has been coordinated by Prof. Marie-Christine Janssens of the KU Leuven Centre for IT and IP Law (CiTiP, previously known as KU Leuven Interdisciplinary Centre of Law and ICT (ICRI)). We warmly thank BELSPO for its generous funding and Prof. Janssens for her efficient and supportive coordination. We also thank the other project partners – and in particular Prof. Christophe Huygens and Vincent Rijmen from the Distrinet and COSIC Research Groups – for their useful inputs and feedback. We are also grateful to Edith Appelmans for the smooth administrative coordination of the project.

Furthermore, we owe much gratitude to the Federation of Enterprises in Belgium (FEB), and in particular Mr. Stefan Maes, as well as to the sector federations of Comeos and Febelfin for providing us with the necessary contact details of Belgian businesses. Last but not least, we thank the many business representatives who participated in the survey. Without these respondents openly sharing their cybercrime victimization experiences and the impact of such victimization on their businesses, this study would not have been possible.

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