4th party risk management

4th Party Risk Management: A Comprehensive Guide

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Abstract: This article provides a comprehensive overview of 4th party risk management, a critical yet often overlooked aspect of modern supply chain security. We delve into the complexities of identifying, assessing, and mitigating risks associated with entities beyond immediate third-party vendors, outlining various methodologies and best practices.

Understanding 4th Party Risk Management

The digital landscape has drastically altered how businesses operate, leading to increasingly complex and interwoven supply chains. Traditional third-party risk management (TPRM) focuses on direct vendors. However, these vendors often subcontract their work to other organizations, creating a ripple effect of dependencies. These indirect vendors are often referred to as fourth-party vendors, and the risks they pose are significant. 4th party risk management extends the scope of TPRM, encompassing the assessment and management of risks associated with these indirect entities.

Failing to adequately manage 4th party risk can expose organizations to a multitude of threats, including:

Data breaches: A security vulnerability in a fourth-party vendor can lead to unauthorized access to sensitive data.
Financial losses: Operational disruptions caused by a fourth-party vendor's failure can result in significant financial losses.
Reputational damage: A negative event involving a fourth-party vendor can severely damage an organization's reputation.
Regulatory non-compliance: Failure to properly manage 4th party risks can

lead to non-compliance with relevant regulations, resulting in hefty fines and penalties.

Methodologies and Approaches for 4th Party Risk Management

Effective 4th party risk management requires a multi-faceted approach. Key methodologies include:

1. Identification and Mapping: The first step involves identifying all fourth-party vendors within the supply chain. This often requires meticulous mapping of the entire ecosystem, going beyond immediate contracts to uncover indirect relationships. Techniques include:

Vendor questionnaires: Requesting detailed information about their subcontractors from third-party vendors.
Network mapping: Utilizing software tools to visualize and map the entire supply chain, revealing hidden fourth-party relationships.
Contractual review: Analyzing contracts with third-party vendors to identify clauses regarding subcontracting.

1. Risk Assessment: Once identified, fourth-party vendors must undergo a thorough risk assessment. This involves evaluating potential risks related to:

Financial stability: Assessing the financial health and stability of the fourth-party vendor.
Security posture: Evaluating their security controls and practices, including data protection, access control, and incident response capabilities.
Compliance: Assessing their compliance with relevant regulations and industry standards.
Operational resilience: Examining their business continuity and disaster recovery plans.

1. Due Diligence: Comprehensive due diligence should be performed on high-risk fourth-party vendors. This may involve on-site audits, background checks, and reference checks.

1. Monitoring and Continuous Improvement: 4th party risk management is an ongoing process. Continuous monitoring of fourth-party vendors is crucial to identify emerging risks and ensure ongoing compliance. Regular reviews of vendor performance, security controls, and compliance posture are essential.

1. Risk Mitigation Strategies: Once risks have been identified and assessed, organizations should implement appropriate mitigation strategies. This may include:

Contractual clauses: Including clauses in contracts with third-party vendors that address the management of fourth-party risks.
Security requirements: Establishing clear security requirements for fourth-party vendors.
Regular audits: Conducting regular audits of fourth-party vendors to ensure compliance.
Incident response plan: Developing a comprehensive incident response plan that includes procedures for addressing incidents involving fourth-party vendors.

Technology's Role in 4th Party Risk Management

Technology plays a critical role in streamlining and enhancing 4th party risk management. Software solutions can automate various aspects of the process, including vendor identification, risk assessment, and monitoring. These tools can provide valuable insights into the overall risk profile of the supply chain, enabling organizations to proactively address potential threats.

Conclusion

Effective 4th party risk management is crucial for organizations operating in today's complex and interconnected digital landscape. By implementing a robust risk management framework, organizations can significantly reduce their exposure to a wide range of threats. This requires a comprehensive approach that integrates various methodologies and leverages technology to improve efficiency and effectiveness. Neglecting 4th party risk management exposes businesses to significant financial, reputational, and legal ramifications. Proactive and diligent management is no longer a luxury; it's a necessity.

FAQs

1. What is the difference between third-party and fourth-party risk? Third-party risk refers to the risk associated with direct vendors, while fourth-party risk encompasses the risks associated with the subcontractors of those vendors.

1. How can I identify my fourth-party vendors? Use vendor questionnaires, network mapping tools, and contractual reviews to identify indirect vendors.

1. What are the key elements of a fourth-party risk assessment? Assess financial stability, security posture, compliance, and operational

resilience.

1. What are some effective risk mitigation strategies? Use contractual clauses, establish security requirements, conduct regular audits, and develop an incident response plan.

1. What technology can assist in 4th party risk management? Software solutions can automate vendor identification, risk assessment, and monitoring.

1. What are the legal and regulatory implications of failing to manage 4th party risk? Failure can lead to non-compliance with regulations, resulting in significant fines and penalties.

1. How often should I review my fourth-party risk management program? Regular reviews, ideally annually or more frequently depending on risk levels, are necessary.

1. What metrics should I use to measure the effectiveness of my 4th party risk management program? Track the number of identified risks, the effectiveness of mitigation strategies, and the number of incidents.

1. How can I build a culture of 4th party risk management within my organization? Foster collaboration between different departments, provide training on risk management best practices, and promote a culture of transparency and accountability.

Related Articles:

1. "The Growing Importance of 4th Party Risk Management in Supply Chains": This article explores the increasing significance of 4th party risk management in light of global supply chain disruptions and cybersecurity threats.

1. "A Practical Guide to Mapping Your Fourth-Party Vendor Ecosystem": This guide provides step-by-step instructions on how to identify and map your

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1. "Best Practices for Assessing the Security Posture of Fourth-Party Vendors": This article outlines best practices for evaluating the security controls and practices of fourth-party vendors.

1. "The Role of Technology in Streamlining 4th Party Risk Management": This piece explores how technology can automate and improve the efficiency of 4th party risk management.

1. "Contractual Strategies for Managing Fourth-Party Risk": This article focuses on leveraging contracts to mitigate risks associated with fourth-party vendors.

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1. "Incident Response Planning for Fourth-Party Vendor Incidents": This piece details how to develop a comprehensive incident response plan that includes procedures for addressing incidents involving fourth-party vendors.

1. "Metrics and KPIs for Measuring the Effectiveness of 4th Party Risk Management": This article discusses key performance indicators for measuring the success of a 4th party risk management program.

1. "Building a Culture of 4th Party Risk Management: A Practical Approach": This article provides practical advice on how to create a company culture that prioritizes and effectively manages 4th party risks.

4th party risk management: 4th Party Cyber Logistics for Air Cargo Sung-Chi Chu, Lawrence C. Leung, Yer Van Hui, Waiman Cheung, 2006-04-11 4th Party Cyber Logistics For Air Cargo is a technical discussion for researchers and practitioners to understand the issues, models, and future directions of air cargo logistics in the cyber era. This book introduces the many aspects of planning and control of air cargo logistics processes in an e-Business environment. The authors

approach this subject matter from the perspective of the logistics service providers. There is tremendous potential of achieving industry-wide collaboration between agents of the air cargo industry via an e-Business community platform. At the same time, there are many intellectually challenging problems regarding the architecture, ownership, decision support environment, and knowledge management of such an e-Business platform. The authors provide an evolutionary view to conceptualize the developments of websites where e-Commerce activities and e-Business activities co-exist. Four Web eras are detailed, providing an impetus for the development of frameworks of an e-Business platform for air cargo logistics, or e-Platform. The conceptual framework captures the new elements in cyber logistics and what the framework can do for the industry.

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4th party risk management: Geo-Spatial Knowledge and Intelligence Hanning Yuan, Jing Geng, Fuling Bian, 2017-03-02 The two volume proceedings of CCIS 698 and 699 constitutes revised selected papers from the 4th International Conference on Geo-Informatics in Resource Management and Sustainable Ecosystem, GRMSE 2016, held in Hong Kong, China, in November 2016. The total of 118 papers presented in these proceedings were carefully reviewed and selected from 311 submissions. The contributions were organized in topical sections named: smart city in resource management and sustainable ecosystem; spatial data acquisition through RS and GIS in resource management and sustainable ecosystem; ecological and environmental data processing and management; advanced geospatial model and analysis for understanding ecological and environmental processes; applications of geo-informatics in resource management and sustainable ecosystem.

4th party risk management: *Ten Laws of Operational Risk* Michael Grimwade, 2022-01-04 TEN LAWS OF OPERATIONAL RISK Unlike credit and market risk, operational risk currently lacks an overarching theory to explain how and why losses occur. As a result, operational risk managers have been forced to use unsatisfactory tools and processes that fail to add sufficient commercial value. In Ten Laws of Operational Risk: Understanding its Behaviours to Improve its Management, Michael Grimwade delivers an insightful discussion of the nature of operational risk and a groundbreaking redesign of the profession???s existing tools. The author???s Ten Laws are grounded on the business profiles of firms and the human and institutional behaviours that drive operational risk. They are underpinned by taxonomies for the causes; the inadequacies or failures that constitute both control failures and events; and the impacts of operational risks. Drawing on twenty-five years of first-hand experience and research, this book explains the patterns and trends that are apparent in the historical data and offers solutions to the persistent problems inherent in risk appetite, RCSAs, scenario analysis, reputational risk, stress testing, capital modeling, and insurance. It also provides fresh insights into the everyday activities of risk managers with respect to predictive key risk and control indicators, root cause analysis, why controls fail, the risks posed by change, and product risk profiles. Ten Laws of Operational Risk presents a structured and evidence-based approach to identifying emerging risks and predicting future behaviours related to pandemics, climate change, cybercrime, artificial intelligence, and machine learning. It includes revealing industry data, in-depth case studies, and real-world examples that shed light on recurring and obstinate problems in operational risk management. A must-read resource for Chief Risk Officers and other risk professionals, as well as regulators, management consultants, and students and scholars of operational risk, Ten Laws of Operational Risk provides an invaluable new, systematic, and rigorous approach to operational risk management. PRAISE FOR TEN LAWS OF OPERATIONAL RISK ???Operational Risk can no longer be described as a new concept, but as a discipline few attempts have been made to really understand its behaviour. In his book Michael does this very successfully, blending extensive practical experience with analytical thought leadership to propose a set of laws that explain why and how Operational Risks arise, and what can be done to manage them. Assertions are evidence based, with numerous real examples used to underpin his hypotheses. This is a valuable addition to Operational Risk thinking and is recommended for experienced professionals and novices alike.??? ??? Dr Luke Carrivick, Director of Research & Information, ORX ???Michael has established himself as one of Operational Risk???s foremost thinkers. His ability to use historical data to analyse events is unrivalled. In this must-read book, he identifies ten fundamental laws that provide every Operational Risk practitioner with a clear set of rules they can use to understand current events and predict their impacts.??? ??? Andrew Sheen, former Head of the FSA???s Operational Risk Review team ???Michael is one of the most prominent thinkers in Operational Risk. He combines a long career in Operational Risk management and

measurement with a deep, long-standing reflection on the fundamental causes, dynamics and patterns in the manifestation of Operational Risk events. He produces, with this book, a remarkable synthesis of his insightful and innovative work.??? ??? Dr Ariane Chapelle, Honorary Reader, University College London; Managing Partner, Chapelle Consulting ???Michael is a highly respected expert in the field of Operational Risk, who has developed some ground-breaking frameworks for analysing this risk and guiding better risk management decisions. As a working practitioner in the field he brings many insights that will appeal to other practitioners as well as regulators, students and scholars.??? ??? Professor Elizabeth Sheedy, Macquarie Business School ???Michael???s views and analysis challenge the traditional Basel II views of Operational Risk and are genuinely thought-provoking. His book on the Ten Laws of Operational Risk will give financial services clarity and a practical view, where it has been previously lacking, on how best to manage such risks.??? ??? Tin Lau, Group Head of Financial and Strategic Risk, TP ICAP

4th party risk management: Logistics Management Sople, Logistics management, 3/e is essential for creating value for both customers and stakeholders. Effective Logistic chains help organizations to compete in both global and domestic markets.

4th party risk management: The Liquidity Risk Management Guide Gudni Adalsteinsson, 2014-05-08 Liquidity risk is in the spotlight of both regulators and management teams across the banking industry. The European banking regulator has introduced and implemented a stronger liquidity regulatory framework and local regulators have made liquidity a top priority on their supervisory agenda. Banks have accordingly followed suit. Liquidity risk is now a topic widely discussed in boardrooms as banks strive to set up a strong and efficient liquidity risk management framework which, while maintaining sufficient resources, does not jeopardize the necessary profitability and return targets. The Liquidity Risk Management Guide: From Policy to Pitfalls is practical guide for banks and risk professionals to proactively manage liquidity risk in a systemic way. The book sets out its own comprehensive framework, which includes all the various and critical components of liquidity risk management. The recommendations are based on experiences from the recent financial crises, best practices and compliance with current and future regulatory requirements, with special emphasis on Basel III. Using the new 6 Step Framework, the book provides step-by-step guidance for the reader to build their liquidity management framework into a new overarching structure, which brings all the different parts of liquidity risk into one approach. Special attention is given to the challenges that banks currently face when adopting and implementing the Basel III liquidity requirements and guidance is given on how the new metrics can be integrated into the existing framework, providing the most value to the banks instead of being a regulatory reporting matter.

4th party risk management: Underground Space - The 4th Dimension of Metropolises, Three Volume Set +CD-ROM Jirí Barták, Ivan Hrdina, Georgij Romancov, Jaromír Zlámal, 2007-05-11 The so-called fourth dimension of a metropolis is the underground space beneath a city which typically includes structures such as tunnels, which facilitate transport and provide gas, water and other supplies. Underground space may also be utilised for living, working and recreational facilities and industrial storage. These volumes focus on underg

4th party risk management: *Probabilistic Safety Assessment and Management* Ali Mosleh, Robert A. Bari, 1998-08-26 These volumes contain the papers presented at the 4th International Conference on Probabilistic Safety Assessment and Management (PSAM 4), held in New York City in September 98. The conference provided a forum for the presentation of innovative methods and applications of risk-based approaches to improve the design and operation of technological systems and processes from the economic and safety points of view. Papers reflect progress made on methods and applications in such areas as modeling and analysis of complex systems, human and organizational performance assessment, software reliability, data collection and analysis, expert judgement modeling and use, identification and assessment of various types of uncertainty, risk-informed regulatory and operational decision making, and public perception of risk. A diverse range of disciplines are represented including aerospace, nuclear, fossil fuels, chemical systems,

marine technology, transportation, information technology, medical systems, environment, and defense.

4th party risk management: *Civil Engineering and Energy-Environment Vol 2* Qingfei Gao, Zhenhua Duan, 2023-06-16 Civil Engineering and Energy-Environment focuses on the research of civil engineering, environment resources and energy materials. This proceedings gathers the most cutting-edge research and achievements, aiming to provide scholars and engineers with preferable research direction and engineering solution as reference. Subjects in this proceedings include: - Engineering Structure - Environmental Protection Materials - Architectural Environment ·Environment Resources - Energy Storage - Building Electrical Engineering The works of this proceedings will promote development of civil engineering and environment engineering. Thereby, promote scientific information interchange between scholars from top universities, research centers and high-tech enterprises working all around the world.

4th party risk management: *Wall Street and the Financial Crisis: pt. 1-4. Anatomy of a Financial Collapse, April 13, 2011. Report and Appendix (4 v.)* United States. Congress. Senate. Committee on Homeland Security and Governmental Affairs. Permanent Subcommittee on Investigations, 2010

4th party risk management: Analyzing Banking Risk (Fourth Edition) Hennie van Greuning, Sonja Brajovic Bratanovic, 2020-06-10 Analyzing Banking Risk: A Framework for Assessing Corporate Governance and Risk Management provides a comprehensive overview of topics focusing on assessment, analysis, and management of financial risks in banking. The publication emphasizes risk management principles and stresses that key players in the corporate governance process are accountable for managing the different dimensions of financial and other risks. This fourth edition remains faithful to the objectives of the original publication. It covers new business aspects affecting banking risks, such as mobile banking and regulatory changes over the past decade—specifically those related to Basel III capital adequacy concepts—as well as new operational risk management topics such as cybercrime, money laundering, and outsourcing. This publication will be of interest to a wide body of users of bank financial data. The target audience includes the persons responsible for the analysis of banks and for the senior management or organizations directing their efforts. Because the publication provides an overview of the spectrum of corporate governance and risk management, it is not aimed at technical specialists of any particular risk management area. *** Hennie van Greuning was formerly a Senior Adviser in the World Bank's Treasury Unit and previously worked as a sector manager for financial sector operations in the World Bank. He has been a partner in a major international accounting firm and a controller and head of bank supervision in a central bank. Since retiring from the World Bank, he has chaired audit, ethics, and risk committees in various banks and has been a member of operational risk and asset-liability management committees. Sonja Brajovic Bratanovic was a Lead Financial Sector Specialist at the World Bank, after a career as a senior official in a central bank. With extensive experience in banking sector reforms and financial risk analysis, she led World Bank programs for financial sector reforms, as well as development projects. Since her retirement, she has continued as a senior consultant for World Bank development projects in the financial sector, as well as an advisor for other development institutions.

4th party risk management: Fourth Party Logistics S. Kutlu, 2007 ISBN 978 1 846930577 Published: 2007 Pages: 130 Description Fourth Party Logistics: Is It The Future Of Supply Chain Chain Outsourcing? About the Author Serafettin was born in Turkey and has a Bsc. Finance degree. He then came to Manchester, UK to further his education in Master's level. He is a recent graduate of the University of Salford with an Msc. International Business. He understands that globalisation affects everyone. He is one of the few people that can forward think changes, and understands that the complex nature of 4PL, will make the world a smaller place. He believes that value adding should be the initial focus for every business model, not only for 4PL, and utilising 4PL will significantly help achieve this initial focus. That's why he is passionate about this new wave in supply chain outsourcing. He is a person that can refocus companies. He is the sort of person that

consultant companies would charge their clients 7,000 a day for. He is among the few that understand 4PL. This book is written as a single case study, focusing on leading edge technology to assist the reader in understanding 4PL. About this Book This book is for those who are looking to know all about Fourth Party Logistics (4PL). This book is produced using 4PL methods, printed in print runs of one plus books in three global centers and delivered directly or indirectly throughout the supply chain. Describing 4PL is like describing the offside rule. However, once you understand the principles it really is simple. You can then understand why some corporate companies become lean companies just holding IPR and Trademarks, with very little in turnover, however high GP and NP along with exceptional earnings per head compared to the industry Key Performance Indicators (KPI). This is an educational and practical book that starts to address how 4PL can change your business. There are a number of other books out there that are too sterile in their approach. The author approached 80 consulting companies only one would put its head up to be counted. This book will reveal to you the, who, why and where and without doubt get every Finance Director within different companies asking if they can use 4PL. The book covers the client, the outsource provider and the consultancy company that sold the solution and made it work. 'Fourth Party Logistics' is less of a case study and more of a real practical business guide. The consultancy company in the book was the only one to put their experience to the test. Serafettin Kutlu has much to bring to the party and really does know his stuff.

4th party risk management: Architect and Engineer Liability: Claims Against Design Professionals, 4th Edition Sido, 2013-10-23 Now you can keep construction design exposure to a minimum! Prepared for design and construction professionals and their attorneys, this comprehensive, up-to-date resource is written by eminent authorities in the field. Architect and Engineer Liability: Claims Against Design Professionals, Fourth Edition details all relevant topics: risk management, alternative dispute resolution, trial conduct, handling shop drawings, insurance and surety, and more. You'll get straightforward answers to all your legal questions, as well as examples of the valuable lessons learned by leading design and construction experts.

4th party risk management: *Supply Chain Games: Operations Management and Risk Valuation* Konstantin Kogan, Charles S. Tapiero, 2007-09-05 In today’s global economy, operations strategy in supply chains must assume an ever-expanding and strategic role of risks. These operational and strategic facets entail a brand new set of operational problems and risks that have not always been understood or managed very well. This book provides the means to understand, to model and to analyze these outstanding issues and problems that are the essential elements in managing supply chains today.

4th party risk management: *Proceedings of the 4th International Symposium on New Energy and Electrical Technology* Fushuan Wen,

4th party risk management: Supply Chain Risk Management Donald Waters, 2011-10-03 Vulnerability to sudden supply chain disruption is one of the major threats facing companies today. The challenge for businesses today is to mitigate this risk through creating resilient supply chains. Addressing this need, Supply Chain Risk Management guides you through the whole risk management process from start to finish. Using jargon-free language, this accessible book covers the fundamentals of managing risk in supply chains. From identifying the risks to developing and implementing a risk management strategy, this essential text covers everything you need to know about this critical topic. It assesses the growing impact of risk on supply chains, how to plan for and manage disruptions and disasters, and how to mitigate their effects. It examines a whole range of risks to supply chains, from traffic congestion to major environmental disasters. Highly practical, Supply Chain Risk Management provides a range of useful tables, diagrams and tools and is interspersed with real life case study examples from leading companies, including Nokia, IBM, and BP. The 2nd edition has been completely revised with brand new case studies on the Chilean Mining Disaster and BP oil spill.

4th party risk management: Technology & Management Shahryar Sorooshian, Amin Teyfouri, Siti Aissah Mad Ali, 2014-03-08 This edited book is compilation of studies conducted in the

areas of technology and management. Contributors of this edited book articles are scholars from University Putra Malaysia, Taylors' University, INTI International College Subang, and University Malaysia Pahang. These cutting-edge articles will be of interest to researchers, and academics.

4th party risk management: California. Court of Appeal (4th Appellate District). Division 2. Records and Briefs California (State).,

4th party risk management: Regulation of Corporate Disclosure, 4th Edition Brown, 2016-12-15 The Regulation of Corporate Disclosure is a one-volume treatise on the disclosure regime in place under the Federal securities laws. The treatise addresses the formal disclosure process (periodic reports, MD&A, Regulation FD), the informal disclosure process (press releases, social media, discussions with analysts), and the application of the antifraud provisions to these communications. The treatise includes chapters on scienter and materiality, and also addresses communications with and disclosure obligations to shareholders. The Fourth Edition has been significantly revised and, among other topics, includes coverage of: The duties and responsibilities of corporate officials relating to the disclosure process The most recent cases addressing disclosure issues, including decisions by the Supreme Court on topics such as the application of the antifraud provisions to beliefs and opinions Pronouncements by the U.S. Securities and Exchange Commission on disclosure issues, including consideration of the SEC's efforts to improve disclosure effectiveness The developing need to consider disclosure of public interest matters, including the effects of climate change on a company's business The disclosure requirements applicable to the proxy process, including the system for uncovering the identity of street name owners State disclosure obligations of the board of directors under its fiduciary obligations to shareholders.

4th party risk management: ICIME 2013 Proceedings of the 4th International Conference on IS Management and Evaluation Dr Nelson Leung, Dr Mathews Nkhoma, Dr Blooma John, 2013-05-13

4th party risk management: Proceedings of the 4th Borobudur International Symposium on Humanities and Social Science 2022 (BIS-HSS 2022) Zulfikar Bagus Pambuko, Muji Setiyo, Chrisna Bagus Edhita Praja, Agus Setiawan, Fitriana Yuliastuti, Lintang Muliawanti, Veni Soraya Dewi, 2023-10-10 This is an open access book.Related to the big theme of the SDGs reinforcement at our previous conference, we try to invite all academics and researchers around the world to participate in the 4th Borobudur International Symposium 2022 (4thBIS 2022). As we know, the COVID-19 pandemic and its impact on all the 17 SDGs have demonstrated how what began as a health catastrophe swiftly transformed into a human, socioeconomic and environmental crisis. The 4th BIS brought up “The Innovation Chain: A Contribution to Society and Industry” as the main theme to respond this condition. This conference is expected to support the UN Agenda. Additionally, this conference will also provide avenues for participants to exchange ideas and network with each other as well as domain experts from their fields. Overall, this event is aimed at professionals across all spheres of technology and engineering including the experienced, inexperienced, and students as well. The conference will be held virtually on Wednesday, December 21st, 2022 in Magelang, Central Java, Indonesia.

4th party risk management: *Proceedings of the 4th International Conference on Informatics, Technology and Engineering 2023 (InCITE 2023)* Markus Hartono, Hudiyo Firmanto, Connie Susilawati, 2023-11-18 This is an open access book.Adaptive, Resilient & Collaborative EngineeringTowards Faster Recovery & Impactful Solutions The world in the last decade has been facing global issues such as accelerated global warming, depleting natural resources, food waste and scarcity, water contamination and shortage, energy conservation, etc. Enter the COVID-19 pandemic in 2020 and we face what people term as double disruption. Not only solutions to the above problems are becoming more critical, but they are also needed fast. Timely and effective solutions are called for so that we can recover from the pandemic while at the same time carry our efforts to better our world. It is no longer sufficient to find solutions that can only delay the negative impacts from the above problems, but it is imperative to tip the balance and reverse the impacts to our advantage. Engineers and engineering have a vital role in inventing mechanisms, systems, and/or products that can address the solutions. Digital technologies and artificial intelligence have

been at the forefront of such exploration and we can expect some hints for a better future, if we continue being adaptive, resilient, and collaborative. Given the above background, Faculty of Engineering - Universitas Surabaya, will host the fourth bi-annual international conference "The 4th International Conference on Informatics, Technology and Engineering 2023 (InCITE 2023)" in Yogyakarta, Indonesia, September 14th–15th, 2023. This event is a continuation of the past events successfully held in 2017, 2019, and 2021. We invite academia and business practitioners all around the globe to share ideas and best practices relevant to the above conference topic. We hope that this event can also serve as a platform of gathering for anyone interested in exploring potential solutions of our common problems today. Accepted and presented paper will be submitted for publication in reputable International Proceeding (Atlantis Press). See you in Yogyakarta!

4th party risk management: Cybersecurity Ishaani Priyadarshini, Chase Cotton, 2022-03-10 This book is the first of its kind to introduce the integration of ethics, laws, risks, and policies in cyberspace. The book provides understanding of the ethical and legal aspects of cyberspace along with the risks involved. It also addresses current and proposed cyber policies, serving as a summary of the state of the art cyber laws in the United States. It also, importantly, incorporates various risk management and security strategies from a number of organizations. Using easy-to-understand language and incorporating case studies, the authors begin with the consideration of ethics and law in cybersecurity and then go on to take into account risks and security policies. The section on risk covers identification, analysis, assessment, management, and remediation. The very important topic of cyber insurance is covered as well—its benefits, types, coverage, etc. The section on cybersecurity policy acquaints readers with the role of policies in cybersecurity and how they are being implemented by means of frameworks. The authors provide a policy overview followed by discussions of several popular cybersecurity frameworks, such as NIST, COBIT, PCI/DSS, ISO series, etc.

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