

Table of Contents

Introduction	9
Chapter I	
Electronic freight exchanges as institutions regulating logistics processes	11
1. Freight exchanges as institutions of the global market	11
2. How did freight exchanges improve the efficiency of economic processes?	17
3. Electronic freight exchanges as the main working tool of freight forwarders	24
4. The influence of electronic freight exchanges on the development of cabotage services	25
5. Competition among electronic freight exchanges to gain a position on the transport services market	27
6. Freight exchanges as a reflection of the upcoming changes in the business climate	31
Chapter II	
New value generated on electronic freight exchanges	36
1. Users' expectations towards electronic freight exchanges	36
2. How can freight exchanges help eliminate the risk of running a business?	41
3. New value for the users of logistics channels	43
4. Electronic freight exchanges as a source of business information	45
5. The environmental impact of electronic freight exchanges	47
6. Electronic freight exchanges as viewed by Emaus International Company	50

Chapter III

The legal implications of concluding transactions on electronic freight exchanges

1. International conventions and contracts applied in road haulage	53
2. Legal bases and documentation involved in concluding transport transactions	58
2.1. Transport Law	58
2.2. Contract of carriage (transportation order)	59
2.3. Freight forwarding contract (freight forwarding order)	62
2.4. OPWS (Polish General Forwarding Rules)	66
2.5. Road transport insurance	66
2.6. Consignment note	71
3. Standards applied in the road transport	76
3.1. Procedural standards in concluding exchange transactions	76
3.2. Standards concerning the means of transport	78

Chapter IV

Transactional procedures applied to electronic freight exchanges

1. Authorization steps for a new user of an electronic freight exchange	83
2. The procedure of searching for a load	86
3. Finding the best carrier for the order	92
4. The procedure of contacting a tenderer	95
5. Verifying the credibility of a principal	98
6. Verifying the credibility of a carrier and a freight forwarder	104
7. Transaction confirmation	106
8. Procedures of concluding a transaction outside the exchange (based on exchange information)	111
9. Retrieving outstanding debts for transport (with the assistance of the exchange)	113

Chapter V

Tele-information technologies used on electronic freight exchanges and their support in managing transport

1. E-tendering platforms that streamline long-term transport contracts	118
2. Exchange messenger as a service lowering business expenses	122
3. Archiving freight transactions (sales/purchases)	128
4. Modules of electronic maps that support fleet management	130

5. How to evaluate the risk of concluding transactions via electronic freight exchanges	142
6. Remote monitoring of the order status	145

Chapter VI

Threats and protection systems of Internet technologies on electronic freight exchanges

	148
1. The Internet as a source of threats for a company	148
2. Determining risks from the point of view of a company	152
3. How to manage and measure risk?	155
4. Techniques that pose a threat to safety on the Internet	158
5. Safety systems of business operations conducted on electronic freight exchanges	159
5.1. On-line safety measures	159
5.2. How to search for information about computer network safety?	161
5.3. Technical devices that ensure safety	163
5.3.1. Firewalls	163
5.3.2. Proxy servers	166
5.4. Procedural and organizational solutions that will ensure the safety of business operations on the Internet	167
5.5. Intrusion detection systems and maintaining file integrity	173

Conclusion

175

Bibliography

179

Netography

181

Content of Tables

183

Content of Figures

184

Content of Images

185