



THE TREATHS AND OPPORTUNITIES IN THE MODERN FORWARDING BUSINESS

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Abstract: *It's important for forwarding businesses to stay informed about industry trends and adapt to changing conditions. A robust business strategy that addresses both threats and opportunities is essential for long-term success in this competitive field. In this paper, the items that threaten the business of the forwarding company and those items that open up new opportunities are systematically defined. The paper enables forwarding companies to more easily orient themselves towards successful business in this complex environment.*

Key words: forwarding business, logistics, international economy

1. INTRODUCTION

Modern forwarding businesses, also known as modern freight forwarding or logistics companies, are entities that specialize in facilitating the efficient movement of goods from one location to another, often across international borders [1]. These businesses have evolved to meet the demands of an increasingly globalized and technologically advanced world.

Modern forwarding businesses heavily rely on advanced digital technologies and software solutions. They use sophisticated logistics management systems, transportation tracking software, and communication tools to streamline operations, provide real-time visibility, and enhance efficiency.

Modern forwarding business leverage data analytics to optimize routing, improve supply chain visibility, and make informed decisions. Predictive analytics may be used to anticipate demand fluctuations and optimize resource allocation. Modern forwarders have a global presence and often operate in multiple countries. They have an extensive network of partners, agents, and carriers worldwide, allowing them to provide comprehensive shipping solutions. Offering a variety of transportation modes, including air freight, sea freight, road freight, and rail freight, they can seamlessly combine these modes to create efficient multimodal shipping solutions. [2].

Modern forwarders have a deep understanding of customs regulations and international trade compliance. They help clients navigate complex customs procedures, documentation, and tariff classification. Many modern forwarding businesses prioritize sustainability and implement eco-friendly practices in their operations. This includes optimizing routes to reduce emissions, using energy-efficient vehicles, and exploring alternative fuels [3]. They focus on providing exceptional customer service. Modern forwarders offer online booking and tracking systems, 24/7 customer support, and personalized solutions to meet the unique needs of each client. They offer end-to-end visibility into the supply chain, allowing clients to monitor the status and location of their shipments in real-time. This transparency helps clients make informed decisions and plan efficiently. Also modern forwarding businesses understand the importance of risk management, offering insurance

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solutions to protect shipments against loss or damage and have contingency plans in place for supply chain disruptions. These companies are committed to ongoing improvement and innovation. They invest in technology upgrades, process optimization, and employee training to stay competitive and provide top-notch service. Very often they form strategic partnerships with carriers, customs brokers, and other logistics service providers to enhance their capabilities and offer a broader range of services. Modern forwarders offer flexible pricing models, including transparent pricing structures and customizable solutions, allowing clients to choose the services that best meet their needs and budget. In summary, modern forwarding businesses are at the forefront of the logistics industry, leveraging technology, global networks, and customer-centric approaches to provide efficient and reliable shipping and supply chain solutions in a rapidly changing world.

2. THE MAIN THREATS FOR FORWARDING BUSINESS

Running a forwarding business, also known as a freight forwarding or logistics business, can be lucrative, but it also comes with its fair share of challenges and problems. Here are some common problems in the forwarding business:

1. **Regulatory Compliance:** The logistics industry is heavily regulated, and forwarding businesses must navigate a complex web of rules and regulations, both domestically and internationally. Ensuring compliance with customs, import/export laws, and safety regulations can be challenging [4].
2. **Fluctuating Freight Rates:** Freight rates can be highly volatile, influenced by factors like fuel prices, demand-supply imbalances, and geopolitical events. These fluctuations can impact profitability and make it difficult to plan for the future [5].
3. **Competition:** The forwarding industry is highly competitive, with many players offering similar services. To stand out, businesses need to differentiate themselves through pricing, service quality, technology, and other means.
4. **Infrastructure and Technology:** Keeping up with the latest technology and infrastructure improvements is crucial. This includes modernizing warehousing, transportation, and communication systems to stay competitive and efficient.
5. **Global Supply Chain Disruptions:** Events such as natural disasters, pandemics, and geopolitical tensions can disrupt global supply chains. Forwarding companies must have contingency plans in place to deal with these disruptions and ensure the timely delivery of goods.
6. **Cybersecurity Threats:** As businesses rely more on digital systems for tracking and managing shipments, they become susceptible to cyberattacks. Protecting sensitive customer and shipment data is vital [6].
7. **Environmental Concerns:** With growing awareness of environmental issues, there is increasing pressure on the logistics industry to reduce its carbon footprint. Forwarding companies may face challenges in adopting more eco-friendly practices.
8. **Customer Expectations:** Customers expect real-time visibility into their shipments and efficient tracking systems. Meeting these expectations requires investment in advanced tracking technology and 24/7 customer support.
9. **Talent Shortage:** Finding and retaining skilled employees, such as logistics experts and drivers, can be a challenge. The labor shortage can affect the quality of service and overall operations.
10. **Currency Fluctuations:** International forwarding businesses are often affected by currency fluctuations, which can impact pricing and profit margins. Hedging strategies may be necessary to mitigate this risk.
11. **Insurance Costs:** The cost of insuring shipments can be significant, and it's essential to find the right balance between adequate coverage and cost control.
12. **Customs and Documentation:** Navigating customs requirements and handling documentation accurately and efficiently is crucial for international shipments. Errors or delays in this area can result in fines and shipment disruptions [7].

13. **Supply Chain Complexity:** As supply chains become more complex, with multiple suppliers and distribution points, managing the flow of goods can be challenging. Visibility and coordination are key issues. [8].

To succeed in the forwarding business, companies must be adaptable, technologically savvy, and capable of providing excellent customer service while navigating these challenges effectively. Staying informed about industry trends and continuously improving operations is vital for long-term success.

3. OPPORTUNITIES FOR MODERN FORWARDING BUSINESS

The forwarding business, like many industries, is continually evolving to adapt to changing global dynamics, technological advancements, and customer expectations. Several key trends are shaping the development of forwarding businesses:

1. **Digital Transformation:** Embracing digital technology is a fundamental trend. Forwarders are increasingly investing in advanced logistics management systems, data analytics, and automation to enhance efficiency, provide real-time tracking, and improve customer experiences. Digital technologies have automated various aspects of the forwarding process, from order processing to document management. This has reduced manual workloads, minimized errors, and improved overall efficiency. The digitization of documents such as bills of lading, invoices, and customs declarations has streamlined administrative tasks. It has also made it easier to share and access important documents in real time [9].

2. **Advanced tracking and monitoring systems** powered by GPS, RFID, and IoT (Internet of Things) devices allow forwarders and their clients to track the location and status of shipments in real time. This visibility enhances customer satisfaction and helps prevent delays.

3. **Data Analytics:** Data analytics tools enable forwarders to gain insights from vast amounts of data. They can use this information to optimize routes, improve inventory management, and make data-driven decisions for cost reduction and process optimization [10].

4. **Supply Chain Visibility:** Digital technology provides end-to-end visibility into the supply chain. Forwarders can track goods from the point of origin to the final destination, ensuring better control and the ability to address any issues promptly [11].

5. **Warehouse Management Systems (WMS):** WMS software helps forwarders efficiently manage inventory in warehouses. It provides features such as real-time stock tracking, order fulfillment automation, and demand forecasting [12].

6. **Transportation Management Systems (TMS):** TMS software helps optimize transportation logistics by assisting with route planning, carrier selection, load optimization, and real-time tracking. It can reduce transportation costs and improve delivery times. [13]

7. **Customer Portals:** Many forwarders offer customer portals or apps that provide clients with real-time access to shipment information, documentation, and analytics. This enhances transparency and customer satisfaction.

8. **Artificial Intelligence (AI):** AI and machine learning are being used to optimize routing, predict demand, and improve supply chain decision-making. Chat bots and virtual assistants also help provide quicker responses to customer inquiries. Digital technology allows forwarders to remotely monitor and control various aspects of the supply chain, including temperature-sensitive cargo, security systems, and equipment maintenance. It can help forwarders reduce their carbon footprint by optimizing routes for fuel efficiency, using electric vehicles, and implementing sustainable practices throughout the supply chain [14].

1. **Blockchain for Transparency:** Blockchain technology is gaining traction for enhancing transparency and security in supply chain transactions. It can be used to create unchangeable records of shipments, reducing fraud and errors. While blockchain offers many advantages, its widespread adoption in the forwarding business is still in progress. Challenges related to standardization, integration with existing systems, and regulatory acceptance need to be addressed (Ahmad2021). Nonetheless, forward-thinking companies are exploring blockchain solutions to improve their

operations, increase efficiency, and enhance the overall customer experience in the logistics and supply chain industry [15].

2. Sustainability and Eco-Friendly Practices: With growing environmental concerns, forwarders are adopting sustainable practices such as optimizing routes to reduce emissions, using alternative fuels, and implementing green packaging solutions.

3. Customized Solutions: Forwarders are offering more personalized and flexible solutions to meet the unique needs of their clients. This includes tailored shipping options, pricing models, and value-added services.

4. End-to-End Visibility: Providing complete supply chain visibility is crucial. Forwarders are using IoT (Internet of Things) devices and sensors to track shipments in real-time and offer clients greater control and transparency [16].

5. Predictive Analytics: Predictive analytics helps forwarders anticipate demand fluctuations, capacity constraints, and potential disruptions in the supply chain. This proactive approach can lead to better decision-making and cost savings [17].

6. Last-Mile Delivery Solutions: Innovations in last-mile delivery, including autonomous vehicles and drones, are being explored to improve the efficiency of delivering goods to the final destination.

7. E-commerce Integration: The growth of e-commerce has led to an increased demand for efficient logistics and forwarding services tailored to online retailers. Forwarders are integrating their systems with e-commerce platforms to provide seamless order fulfillment [18].

8. Regulatory Compliance: Forwarders are keeping a close eye on changing trade regulations and tariffs. Ensuring compliance with customs and trade regulations is essential to avoid delays and fines.

9. Collaborative Platforms: Collaborative platforms and marketplaces are emerging, allowing forwarders, carriers, and shippers to connect and transact more efficiently.

10. Alternative Energy Solutions: The exploration of alternative energy sources for transportation, such as electric and hydrogen-powered vehicles, is becoming more prominent as forwarders seek to reduce their carbon footprint.

11. Customer-Centric Approach: Customer expectations for convenience and transparency are driving forwarders to adopt a customer-centric approach. Online booking, real-time communication, and 24/7 support are becoming standard. [19].

12. Geopolitical Considerations: Forwarders are closely monitoring geopolitical developments that can impact trade routes, tariffs, and logistics operations.

To thrive in the forwarding business, companies need to stay agile, adapt to these trends, and continue to innovate in response to the evolving needs of their clients and the broader global logistics landscape. In summary, digital technology has revolutionized the forwarding business by improving efficiency, visibility, and customer service. As technology continues to advance, forwarders that embrace and adapt to these innovations will be better positioned to meet the evolving demands of the global logistics and supply chain industry.

4. CONCLUSION

The forwarding business, also known as freight forwarding or logistics, involves coordinating the shipment of goods from one location to another on behalf of clients. It plays a crucial role in global trade and commerce. In summary, the forwarding business offers a range of opportunities, from embracing technology and sustainability to specializing in specific industries or regions. Success in this industry often comes down to staying adaptable, customer-focused, and informed about industry trends and regulations. There is a huge range of threats in forwarding business, from regulatory compliance to global chain disruption. The success of a forwarding company depends on navigating these challenges effectively.

LITERATURE

- [1] World Bank. (2014). *Logistics Performance Index 2014*. Accessed at <http://lpi.worldbank.org/> World Trade Organization. Definition of Services Trade and Modes of Supply as a part of GATS TRAINING MODULE: CHAPTER 1 Basic Purpose and Concepts. Accessed at https://www.wto.org/english/tratop_e/serv_e/cbt_course_e/c1s3p1_e.htm
- [2] Global Maritime Hub (2021). 5 reasons global shipping costs will continue to rise. Available <https://globalmaritimehub.com/5-reasons-global-shipping-costs-will-continue-to-rise.html>.
- [3]. UNCTAD (April 2011) *Trade and Transport Facilitation*, Project 2 (TTFP-2) Freight Forwarding - Regulation and Procedures Advice to NTTFC.
- [4]. World Bank (2015a) *Doing Business Report 2015*, Going Beyond Efficiency Economy Profile 2015 Singapore. Washington DC,
- [5]. UNCTAD. (2022). *Review of Maritime Transport 2022* - Chapter 3: Freight Rates and Transport costs, https://unctad.org/system/files/official-document/rmt2021ch3_en.pdf
- [6]. Aviles, M. E., & Rutner, P. (2012). Logistics Management: Opportunities in the Cloud. *Proceedings of the Southern Association for Information Systems*, Annual Conference (SAIS), Atlanta, USA, 3. <https://aisel.aisnet.org/sais2012/3/>
- [7]. World Bank, Maika Watanuki (2015b). *Review of Logistics Service Regulations for Freight Forwarding Businesses*, What Should Be Addressed for a Better Logistics Regulatory Framework? Policy Research Working Paper 7401
- [8]. World Bank. (2013). *Greek Logistics – Unlocking Growth Potential through Regulatory Reform and Complementary Measures*, 82569, November 2013, Washington DC. World Bank.
- [9]. De Reuver, M., Sørensen, C., & Basole, R. C. (2018). The digital Platform: A research agenda. *Journal of Information Technology*, 33(2), 124–135. <https://doi.org/10.1057/s41265-016-0033->
- [10]. Baron, R., Zintel, M., Zieris, M., & Mikulla, D. (2017). Digital platforms in freight transportation—A true industry disruptor? Arthur D. Little. Retrieved 17 July 2020 from <https://www.adlittle.com/en/insights/viewpoints/digital-platforms-freight-transportation>
- [11] Kumar, Vaibhav & L., M.. (2018). Predictive Analytics: A Review of Trends and Techniques. *International Journal of Computer Applications*. 182. 31-37. 10.5120/ijca2018917434.
- [12] IMF (2022). *Supply Chains and Port Congestion Around the World*. Andras Komaromi. Working Paper WP/22/59. Diego A. Cerdeiro and Yang Liu. March.
- [13] Woznikaowski T., et al (2018). ERP system and warehouse management by WMS., *Information Systems in Management* Vol. 7 (2) 141–151 DOI: 10.22630/ISIM.2018.7.2.6
- [14] De Muynck, Bart, Johns, Brock, & Sanchez Duran O. (2020). Magic Quadrant for Transportation Management Systems (Nr. G00389814; *Magic Quadrant*). Gartner. Retrieved 10 February 2021 from <https://www.gartner.com/en/documents/4000019/magic-quadrant-for-transportation-management-systems>
- [15] Akac, A., Anagnostopoulou, A., & Nalmpantis, D. (2020). Digitalization in freight transport services: Balkan area. Conference on sustainable urban mobility (pp. 1056–1065). *Springer International Publishing*. https://doi.org/10.1007/978-3-030-61075-3_101
- [16] Akram, Shaik V., et al.(2020) "Adoption of blockchain technology in various realms: Opportunities and challenges." *Security and Privacy* 3.5
- [17] Sithole, Beverley & Silva, Sergio & Kavelj, Mirjana. (2016). Supply Chain Optimization: Enhancing End-to-End Visibility. *Procedia Engineering*. 159. 12-18. 10.1016/j.proeng.2016.08.058.
- [18] Ahmad, Raja Wasim, et al. (2021). "Blockchain applications and architectures for port operations and logistics management." *Research in Transportation Business & Management* 41 (2021): 100620
- [19] Lakshmi Pradha, T.. (2018). Role of logistics in E-commerc industry, resherche gate.net