

Ministry of Education and Science of Ukraine
Sumy State University
Oleg Balatskyi Academic and Research Institute
of Finance, Economics and Management

SOCIO-ECONOMIC CHALLENGES

Proceedings
of the International Scientific and Practical Conference

(Sumy, November 3–4, 2020)



Sumy
Sumy State University
2020

330.3:005(063)

S62

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S62 Socio-Economic Challenges : Proceedings of the International Scientific and Practical Conference, Sumy, November 3–4, 2020 / edited by Prof., Dr. Vasilyeva Tetyana. – Sumy : Sumy State University, 2020. – 511 p.

Proceedings of the International Scientific and Practical Conference "Socio-Economic Challenges" are devoted to finding a systemic solution to multidisciplinary problems in the field of modern development, management, administration of various systems, corporate social responsibility, innovation management in various fields of environmental management.

For scientists, scientists, students, graduate students, representatives of business and public organizations and higher education institutions and a wide range of readers.

330.3:005(063)

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ANALYSIS ON APPLICATION AND CONTRIBUTION OF INTERNET OF THINGS TO LOGISTICS ENTERPRISES IN THE CONTEXT OF GLOBALIZATION

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The Internet of Things (IOT) is a network that connects items to the Internet through a series of information sensing technologies and realizes tracking, identification, positioning and management of items through information exchange. By 2009, developed countries and regions such as the United States, Japan and the European Union had placed the Internet of Things in an important position in the development of national innovation strategies, and China also attached importance to the application of Internet of Things technology in the development and transformation of traditional industries. Therefore, in recent years, China's logistics industry, as a new service industry, has shown a rapid growth trend, and become the basic service sector of China's commercial development, irreplaceable more and more strong. However, the extensive development of China's logistics industry is increasingly unable to meet the needs of enterprises [1, p.112-113].

In the general operation process of logistics enterprises, the introduction of the Internet of Things technology has changed the traditional business process of logistics enterprises, so that the business efficiency of logistics enterprises has been improved, and logistics companies have begun to diversify their services. The flow and feedback of information in the traditional logistics business process has a certain lag, and its collection cost is high. If the Internet of Things technology is introduced into the whole business process of goods identification, positioning, storage, tracking, etc., the efficient, rapid and complete flow of information among logistics enterprises, suppliers and consignees can be realized based on the information network platform [2, p.1-5].

As the key link of logistics company operation, transportation is the most important link that determines the quality and efficiency of logistics service. With the development of e-commerce, consumers have higher and higher requirements on the time and quality of logistics transportation. In the traditional logistics and

transportation process, because the information flow has to go through multiple subjects and links, it cannot meet the requirements of consumers well. After the introduction of Internet of Things technology, logistics companies can keep track of the dynamics of the transport of goods at any time, optimize the transport scheme, supervise the transport of products in real time, save transport time and cost, and improve transport efficiency [3, p.89-91].

Traditional logistics distribution has low efficiency in information collection, communication and other aspects of goods distribution, which makes it difficult to meet the needs of the consignee for logistics information.

First, in the aspect of stocking and tally, traditional logistics cannot give accurate feedback on the information of goods distribution, and the consignee cannot timely understand the information of goods distribution.

Second, the logistics delivery link, unable to timely feedback the consignee's receiving information, consignors can not understand the reception of goods. After the introduction of the Internet of Things, the sorting and classification of goods and identification of signs can be completed by electronic devices, and information can be automatically uploaded to realize the sharing of consignee, consigner and logistics company. After delivery, the delivery information can be sent back to all parties in a timely manner, which helps the receiver and shipper to further promote the completion of the transaction. In general, the application of the Internet of Things in the distribution link can improve the multi-party sharing of distribution information and help to improve the service satisfaction of the receiver and shipper [4, p. 31-32].

Zhang Weiyong, a famous Chinese economist, believes that the core competitiveness of an enterprise is its viability and profitability. To sum up, core competence includes two aspects, one is resources, the other is ability. For logistics enterprises, the content of core competitiveness should also include two dimensions of enterprise's factor resources and enterprise's operation and development ability [5, p. 175-177].

The contribution of the Internet of Things to enterprise capabilities. First, the Internet of Things saves the cost of logistics enterprises. Although logistics enterprises need a large amount of capital investment in the initial construction of the Internet of Things, in the long run, their savings in logistics costs can greatly increase their profitability. On the one hand, the Internet of Things optimizes the whole business chain of logistics enterprises, maximizes the reduction of resource waste, reduces storage cost, transportation cost and management cost, improves the speed of business flow and greatly reduces the overall cost. Second, the Internet of Things improves the business performance of logistics enterprises. Third, the Internet of Things improves the customer management performance of enterprises. Logistics companies' customers include the shipper and the receiver [6, p. 36-39]. In the perspective of further research, the task is to improve the mechanism of

interaction between different stakeholders in the implementation of the Internet of Things in the activities of logistics companies, involving models B2B, B2C, B2G based on the study of works [7-31].

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Наукове видання

СОЦІАЛЬНО-ЕКОНОМІЧНІ ВИКЛИКИ

Матеріали Міжнародної науково-практичної конференції

(Суми, 3–4 листопада 2020 року)

Стиль та орфографія авторів збережені.

Організаційний комітет і редакційна колегія можуть не поділяти точки зору авторів.

Автори відповідають за точність, достовірність і зміст матеріалів.

Посилання на матеріали конференції обов'язкові.

Відповідальний за випуск Т. А. Васильєва
Комп'ютерне верстання С. В. Миненко

Формат 60×84/16. Ум. друк. арк. 29,86. Обл.-вид. арк. 38,58.

Видавець і виготовлювач
Сумський державний університет,
вул. Римського-Корсакова, 2, м. Суми, 40007
Свідцтво суб'єкта видавничої справи ДК № 3062 від 17.12.2007.