

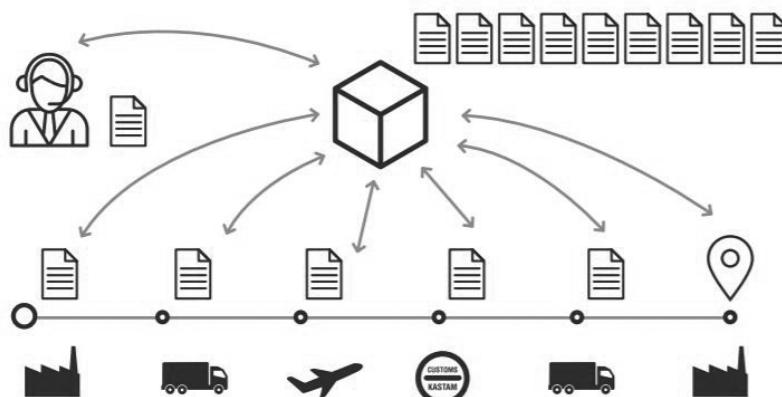
6. BÖLÜM

LOJİSTİK UYGULAMALARDA KARAR DESTEK SİSTEMLERİ KULLANIMI

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A. Lojistik Uygulamalarda Karar Destek Sistemleri Kullanımı

- ▶ Karar Destek Sistemlerinin Özellikleri
- ▶ E- Karar Destek Sistemlerinin Sınıflandırılması
- ▶ Lojistik Bilgi Sistemleri
- ▶ Karar Destek Sistemlerinde İş Zekâsı Uygulamaları Önemi
 - OLTP ve OLAP
 - Veri Marketi
 - Veri Ambarı
 - İşletme Karnesi (Skor Kartları)
- ▶ Lojistik Uygulamalarda Karar Destek Sistemleri Kullanımı
 - Karar Destek Sistemlerinin Lojistik Uygulamalarında Verimliliği Artıran Yaklaşımlar
 - Karar Destek Sistemlerinde Üçüncü Parti Lojistik Uygulaması
 - Depo Yönetimi Sistemleri
 - Gerçek Zamanlı Karar Destek Sistemlerinin Lojistikte Kullanımı



Şekil 6.2. Gerçek Zamanlı Lojistikte KDS Uygulaması

Kaynak: (www.info.tr).

KAYNAKÇA

1. Aguezzoul, A. (2007, Kasım). The third party logistics selection: a review of literature. In International Logistics and Supply Chain Congress (s. 7).
2. Aslan, V., & Yılmaz, G. (2010). Karar Destek Sistemlerinin Kullanımı İçin Uygun Bir Model Geliştirilmesi. Journal of Aeronautics and Space Technologies, 4(4), 75-82.
3. Bruzzone, A. G., & Giribone, P. (1998, Nisan). Decision-support systems and simulation for logistics: Moving forward for a distributed, real-time, interactive simulation environment. In Simulation Symposium, 1998. Proceedings. 31st Annual (ss. 17-24). IEEE.
4. Çetin, S., Özktük, E., & Gencer, C. (2011). Heterojen Araç Filolu Eş Zamanlı Dağıtım-Toplamalı Araç Rotalama Problemi İçin Bir Karar Destek Sistemi. Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, 3(1), 11-18.
5. Eom, S. B., Lee, S. M., Kim, E. B., & Somarajan, C. (1998). A survey of decision support system applications (1988–1994). Journal of the Operational Research Society, 49(2), 109-120.
6. Görçün, Ömer Faruk ve Görçün, Özhan (2016), Bilişim Sistemleri ve Lojistik, (ed. Serpil Koçdar), Eskişehir: Anadolu Üniversitesi Açıköğretim Fakültesi Yayınları.
7. Grabara, J., Kolcun, M., & Kot, S. (2014). The role of information systems in transport logistics. International Journal of Education and Research, 2(2), 1-8.
8. Gunasekaran, A., & Ngai, E. W. (2004). Information systems in supply chain integration and management. European journal of operational research, 159(2), 269-295.
9. Helo, P., & Szekely, B. (2005). Logistics information systems: an analysis of software solutions for supply chain co-ordination. Industrial Management & Data Systems, 105(1), 5-18.
10. Işıklar, G., Alptekin, E., & Büyüközkan, G. (2007). Application of a hybrid intelligent decision support model in logistics outsourcing. Computers & Operations Research, 34(12), 3701-3714.
11. Jianhong, G., & Lianwen, Q. (2012, August). The Urban Distribution Network Data Organization Based on the SuperMap GIS. In Computer Science & Service System (CSSS), 2012 International Conference on (ss. 232-237). IEEE.

12. Keen, P. G. (1980). Decision support systems: a research perspective. In *Decision Support Systems: Issues and Challenges: Proceedings of an International Task Force Meeting*(pp. 23-44).
13. Kengpol, A., & Tuominen, M. (2006). A framework for group decision support systems: An application in the evaluation of information technology for logistics firms. *International Journal of Production Economics*, 101(1), 159-171.
14. Kılıç, S. (2011). Bir hizmet işletmesinde müşteri memnuniyet sürecinin dinamik bir analizi: Karar destek sistemi uygulaması(Yayınlanmamış Yüksek Lisans tezi, DEÜ Sosyal Bilimleri Enstitüsü).
15. Kopáčková, H., & Škrobáčková, M. (2006). Decision support systems or business intelligence: what can help in decision making?. *Scientific Papers of the University of Pardubice. Series D, Faculty of Economics and Administration*, 10.
16. Korucuk, S, (2018), "Soğuk Zincir Taşımacılığı Yapan İşletmelerde 3PL Firma Seçimi: İstanbul Örneği", İğdır Üniversitesi Sosyal Bilimler Dergisi, Sayı / No. 16, 341.365.
- Kubasakova, I., Kampf, R., & Stopka, O. (2014). Logistics information and communication technology. *Communications-Scientific letters of the University of Zilina*, 16(2), 9-13.
17. Lucas D. Introna: The Impact of Information Technology on Logistics, *Intern. J. of Psychical Distribution & Logistics Management*, 21(5), 1991, ss. 32-37
18. Moynihan, G. P., Raj, P. S., Sterling, J. U., & Nichols, W. G. (1995). Decision support system for strategic logistics planning. *Computers in industry*, 26(1), 75-84.
19. Nemoto, T., Hayashi, K., & Hashimoto, M. (2010). Milk-run logistics by Japanese automobile manufacturers in Thailand. *Procedia Social and Behavioral Sciences*, 2(3), 5980-5989.
20. Osipova, N., Kobets, V., & Bazanova, T. Design, Development and Use of Decision Support Systems in the Study of Economic Disciplines in Higher Education. 2014
21. Özsever, Ç., Gençoğlu, T., & Erginel, N. (2009). İşgücü Verimlilik Takibi İçin Sistem Tasarımı ve Karar Destek Modelinin Geliştirilmesi. *Dumlupınar Üniversitesi Fen Bilimleri Enstitüsü Dergisi*, (018), 45-58.
22. Power, D. J. (2007). A brief history of decision support systems. *DSSResources. COM*, World Wide Web, <http://DSSResources. COM/history/dsshistory. html>, version, 4.
23. Rajesh, R., Pugazhendhi, S., Ganesh, K., Ducq, Y., & Koh, S. L. (2012). Generic balanced scorecard framework for third party logistics service provider. *International Journal of Production Economics*, 140(1), 269-282.
24. Rashidi, H. (2018). A Compound Decision Support System for Corporate Planning. *International Journal of Finance & Managerial Accounting*, 3(10), 15-31.
25. Shim, J. P., Warkentin, M., Courtney, J. F., Power, D. J., Sharda, R., & Carlsson, C. (2002). Past, present, and future of decision support technology. *Decision support systems*, 33(2), 111-126.
26. Wood, L. C., Reiners, T., & Pahl, J. (2015). Manufacturing and logistics information systems. In *Encyclopedia of Information Science and Technology*, Third Edition (ss. 5136-5144). IGI Global.
27. Wood, L. C., Reiners, T., & Pahl, J. (2015). Manufacturing and logistics information systems. In *Encyclopedia of Information Science and Technology*, Third Edition (ss. 5136-5144). IGI Global.

28. Yan, J., Chaudhry, P. E., & Chaudhry, S. S. (2003). A model of a decision support system based on case based reasoning for third party logistics evaluation. *Expert Systems*, 20(4), 196-207.
29. Yan, J., Chaudhry, P. E., & Chaudhry, S. S. (2003). A model of a decision support system based on case based reasoning for third party logistics evaluation. *Expert Systems*, 20(4), 196-207.
30. Zografos, K. G., Androutsopoulos, K. N., & Vasilakis, G. M. (2002). A real-time decision support system for roadway network incident response logistics. *Transportation Research Part C: Emerging Technologies*, 10(1), 1-18.
31. Zografos, K. G., Androutsopoulos, K. N., & Vasilakis, G. M. (2002). A real-time decision support system for roadway network incident response logistics. *Transportation Research Part C: Emerging Technologies*, 10(1), 1-18.

Yararlanılan Internet Kaynakları

1. <http://bitcoin.info.tr/smartcontainers-blockchain-tabanli-lojistik-platformu/>
2. <http://dssresources.com/faq/index.php?action=artikel&id=13>
3. http://faculty.msb.edu/homak/homahelpsite/webhelp/Content/Supply_Chain_Synchronization.htm
4. <http://mis.sadievrenseker.com/2014/02/karar-destek-sistemleri-kds-decision-support-systems-dss/>
5. <http://mustafaakca.com/oltp-ve-olap-nedir/>
6. <http://www.kanbanlogistics.com/jit-delivery-system-manufacturing-logistics/>
7. <http://www.yourarticlerepository.com/management/decision-making-management/6-main-components-of-decision-support-system-dss/70302>
8. https://brage.bibsys.no/xmlui/bitstream/handle/11250/152485/Trial_Lecture_Boe.pdf?sequence=1
9. <https://scm.ncsu.edu/scm-articles/article/logistics-information-systems>
10. <https://searcherp.techtarget.com/definition/warehouse-management-system-WMS>
11. <https://www.analyticsindiamag.com/real-time-decision-support-helps-transport-company-enhance-operations-efficiency/>
12. <https://www.bastiansolutions.com/solutions/function/cross-docking>
13. <https://www.differencebtw.com/difference-between-oltp-and-olap/>
14. <https://www.envisio.com/blog/balanced-scorecard-strategic-plan>
15. <https://www.investopedia.com/terms/d/decision-support-system.asp>
16. https://www.procurementleaders.com/AcuCustom/Sitename/DAM/052/sample-strategy-guide-SRM-0613_1.pdf
17. <https://www.salesforce.com/eu/learning-centre/crm/what-is-crm/>
18. <https://www.sisense.com/glossary/data-mart/>
19. <https://www.springer.com/de/book/9783642043123>
20. https://www.supplychain247.com/article/real_time_management_from_warehouse_to_logistics_fleets
21. <https://www.techopedia.com/definition/1184/data-warehouse-dw>