

Voice systems are easily integrated into a company's WMS, LMS or host system.

Once in place, voice technology order picking solutions offer many advantages over traditional methods:

- Active, real-time labor direction. Voice raises productivity levels by establishing the pace for the operator. As part of daily operations, the workload assigned to an operator is downloaded into voice technology terminals from the WMS, LMS or other host system via the facility's RF wireless network. WMS systems provide the capability to prioritize the order picking process by grouping orders into waves for efficient picking. Wave management allows warehouse supervisors to dynamically manage large groups of orders to be picked efficiently.

- Precision accuracy and faster picking.

- Real-time inventory feedback. The voice technology system permits the operator to request detailed information about each product or location, including product description and UPC in the event that operators need to verify items at a location.

Before implantation of a new technology managers calculate efficiency of each system concerning their production. And nowadays it is common knowledge that it is more productive to use Voice technology in large warehouses with huge amount of order picks, while in small warehouses companies should use bar code scanning system.

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THE CONCEPT, STRUCTURES IN MANAGEMENT AND IMPORTANCE OF INTEGRATED LOGISTIC

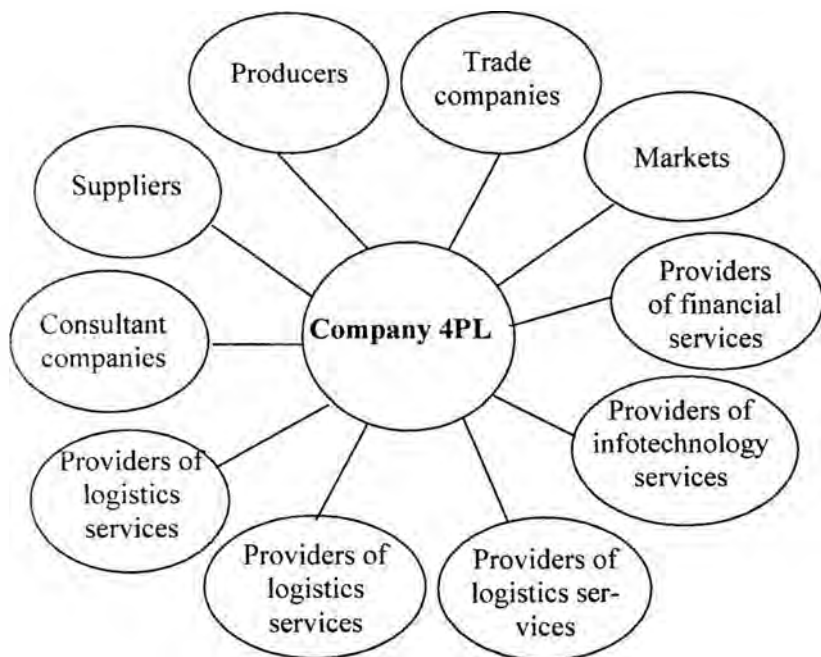
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З'яўленне інтэграцыйнай лагістыкі мае вынікам прынцыпова новых паводле формы дзейнасці фірмы (forth – party logistics provider

альбо 4PL), які аб'ядноўваюць лагістычныя паслугі ў інтэграцыйны пакет. Выканана спроба аналізу эфектыўнасці дзейнасці фірм тыпу 4PL.

The topic of report is the examination of the concept of integrated logistics, the acquaintance with new structures for its realization, the analysis of importance of integrated logistics in customer service. The concept of integrated logistics consists in the integration of production, material and technical securing, transportation, informatics and communication in order to achieve optimum levels of customer service at the minimum total logistics cost, thereby leveraging competitive positioning into maximum profitability.

Structure of companies, united of 4PL



Nowadays, new appearance in logistics is forth – party logistics provider or 4PL. 4PL unite logistics services, which some companies realize, in integrated packet.

Traditionally, third – party logistics providers or 3PL control the chains of deliveries.

4PL controls the whole logistics process, makes use of approach to the best resources therefore it has wider circle of choice. More over 4PL is asset free, so it is influenced by interests of customers. 4PL economizes the expenditures during the whole delivery chain.

Conclusions:

- ✓ the effective management of logistics processes may be achievable at the expense of integrated approach. The integration is more serious factor for better ability to serve then the character of business, the organization of logistics functions and size of company;
- ✓ in dependence of the service quality the profit of companies can increase or lower approximately on 10%;
- ✓ the opportunity 4PL exists because 3PL failed to meet the real logistics/supply chain requirements of customer. Users of 4PL can focus on core competencies and better manage and utilize company assets and resources, as to inventory and personnel.

Sources:

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