

УДК 004.45

Shpuntova E., Semashko E., Slesaryonok E.

System Analysis Program

Belarusian National Technical University
Minsk, Belarus

SAP is a German multinational software corporation based in Walldorf, Baden-Württemberg that develops enterprise software to manage business operations and customer relations. It is the market leader in enterprise application software that offers fully integrated modules/software suite applications. These applications cover every aspect of business management. SAP software helps companies generate new growth, fight complexity and stand ahead of competitors. SAP ERP is a set of standard business processes and a huge number of settings, extensions, interfaces and other opportunities to change this process to suit your needs. The system contains an internal programming language (ABAP) and development and debugging tools.

In addition to the standard functionality, there are also a large number of extensions for SAP ERP, also developed by SAP: industrial (SAP Industry Solution) (for example, for mechanical engineering, metallurgy, automotive industry), solutions for individual areas (for example, SAP Banking or SAP Retail solutions).

The SAP Business Suite also includes:

Customer Relationship Management (CRM) – a system for organizing work with clients; Product Lifecycle Management (PLM) – a system for production; Supply Chain Management (SCM) – a product for working with resources, procurement, supplies; Supplier Relationship Management (SRM) – organization of work with suppliers. Moreover,

thanks to the supply chain logistics management software, we can effectively manage goods in warehouses, during execution and distribution. There are also various programs for the logistics sector.

The SAP Transportation Management application integrates fleet and logistics management throughout network, helping reduce transportation complexity dramatically, enhance how business manages freight, fleet, and logistics to drive sustainable goals and maximize the return on your spend on global transportation and domestic shipping across all transportation modes and industries.

We can prepare logistics for the future, run more efficient, profitable and sustainable supply chain logistics by using the SAP Yard Logistics application to maximize your visibility into all yard processes and preview planned workloads with a range of visualization and reporting tools.

SAP Extended Warehouse Management helps to take control of warehouse operations to keep up with changing demand while lowering costs and driving sustainability goals with warehouse management software from SAP. SAP Logistics Business Network provides a central entry point to manage logistics transactions, exchange documents with key business partners, and gain transparency across the complete value chain through an open, network of networks strategy.

So, today, customers expect the most from the shopping process and are demanding of every little thing, especially delivery. The market leaders will be companies that will offer customers a unique journey, excluding mistakes in order processing, showing increased loyalty to their customers.

References:

1. SAP [Electronic resource]. – Mode of access: https://www.sap.com/cis/index.html?url_id=auto_hp_redirect_cis. – Date of access: 19.04.2021.