

Corporate information systems - basic concepts

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Abstract: The article is attached to the problem of improving the process of promotion of the company's products in the commodity market, the use of modern information and communication technologies for these purposes is proposed, a definition is given, and the characteristics of corporate information systems are considered. An example of using such a system is given.

Keywords: Corporate information systems, project management, system integration, efficiency, business processes, automation, digitization, change management, optimization.

Introduction: In modern business, corporate information systems have become an integral part of the successful operation of enterprises. These systems offer comprehensive and effective management of information, resources and business processes,

ensuring the reliability and competitiveness of organizations in a speedily changing digital world.

The main tasks of the ITC in strategic and operational planning and accounting concepts

Function	Steps	Management of financial flows	Management of commodity flows	Cost management	Management of employees
Strategic planning		Financial planning and budgeting	Purchase and sale plan	Business planning	Business planning
Quick planning		Financial planning on contracts	Goods calendar according to contracts	Technical and economic planning	Performers personalize the activity
Quick calculation		Execution of the financial part of contracts	Execution of goods under contracts	Cost monitoring	Tabel account, account of contracts
Accounting account		Distribution of expenses	Financial report	Actual cost accounting	Salary calculation

The role of the IT department, responsible for developing, implementing, and supporting IPT, is a critical link in this process. IT professionals are becoming the true architects of digital success, ensuring not only that systems operate efficiently but also that they adapt to ever-changing business needs.

As modern enterprises face growing data volumes, increasing complexity of information interconnections, and cybersecurity threats, the effectiveness and security of IPT are becoming top priorities for IT departments. Ensuring consistent protection of

corporate data and business processes has become a key element of the IT department's strategy, contributing to the sustainability and successful development of the enterprise in the digital era.

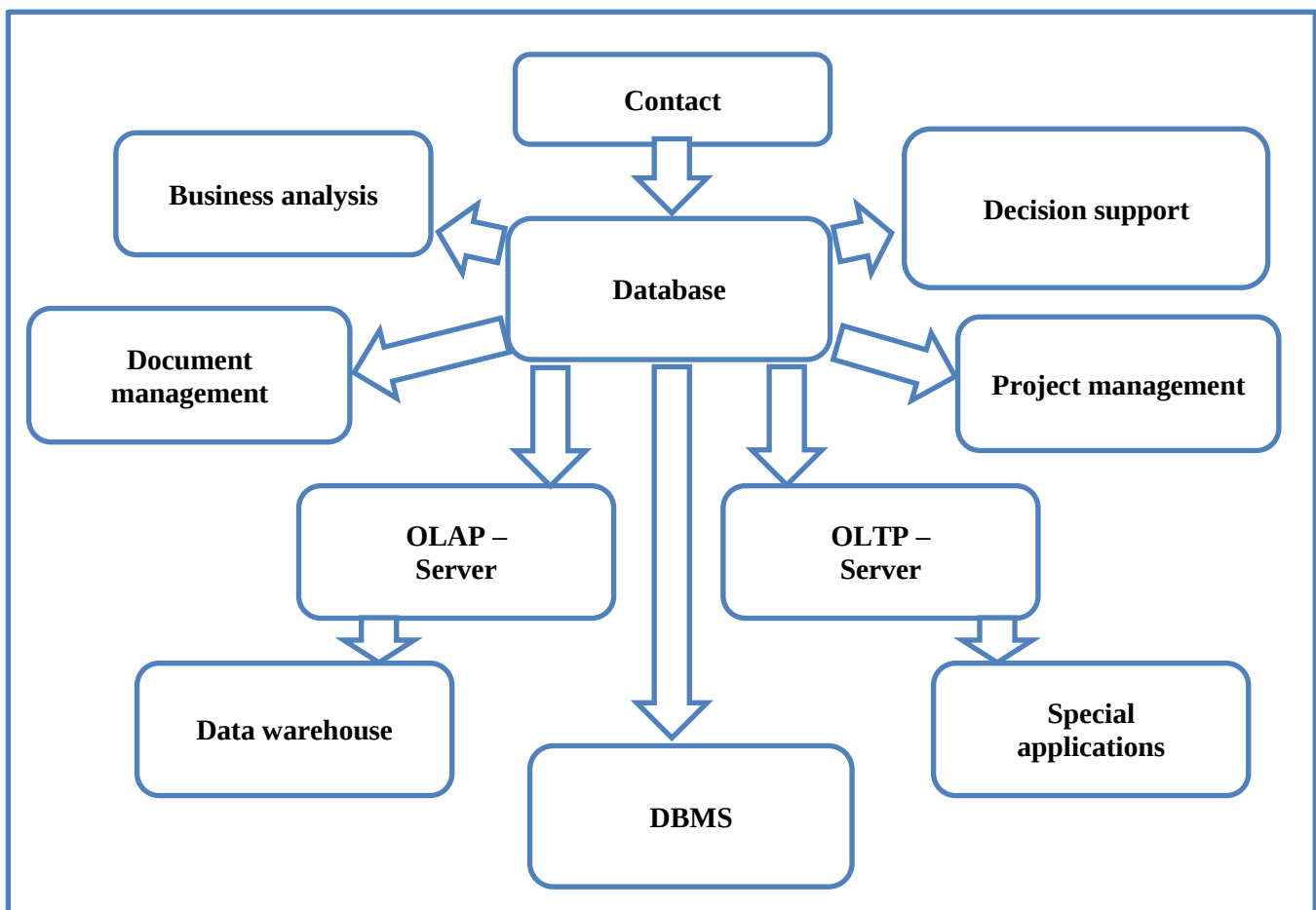
Corporate information systems are a set of software and hardware solutions designed to collect, process, store and transmit information within an enterprise. They form a single information infrastructure, integrating all aspects of an organization's activities. The purpose of CIS is to optimize business processes, improve decision-making, and increase the efficiency

and competitiveness of the enterprise.

The integration of CIS with the overall strategy of the enterprise is a key factor in its success. CAS should be closely linked to the business goals and strategic directions of the company. This will allow not only to efficiently use resources, but also to create a digital infrastructure that will serve growth and development. The integration of ICT into the strategy provides a single source of information for making management decisions, which is a significant element for the successful operation of the enterprise.

IMC performs many important tasks aimed at

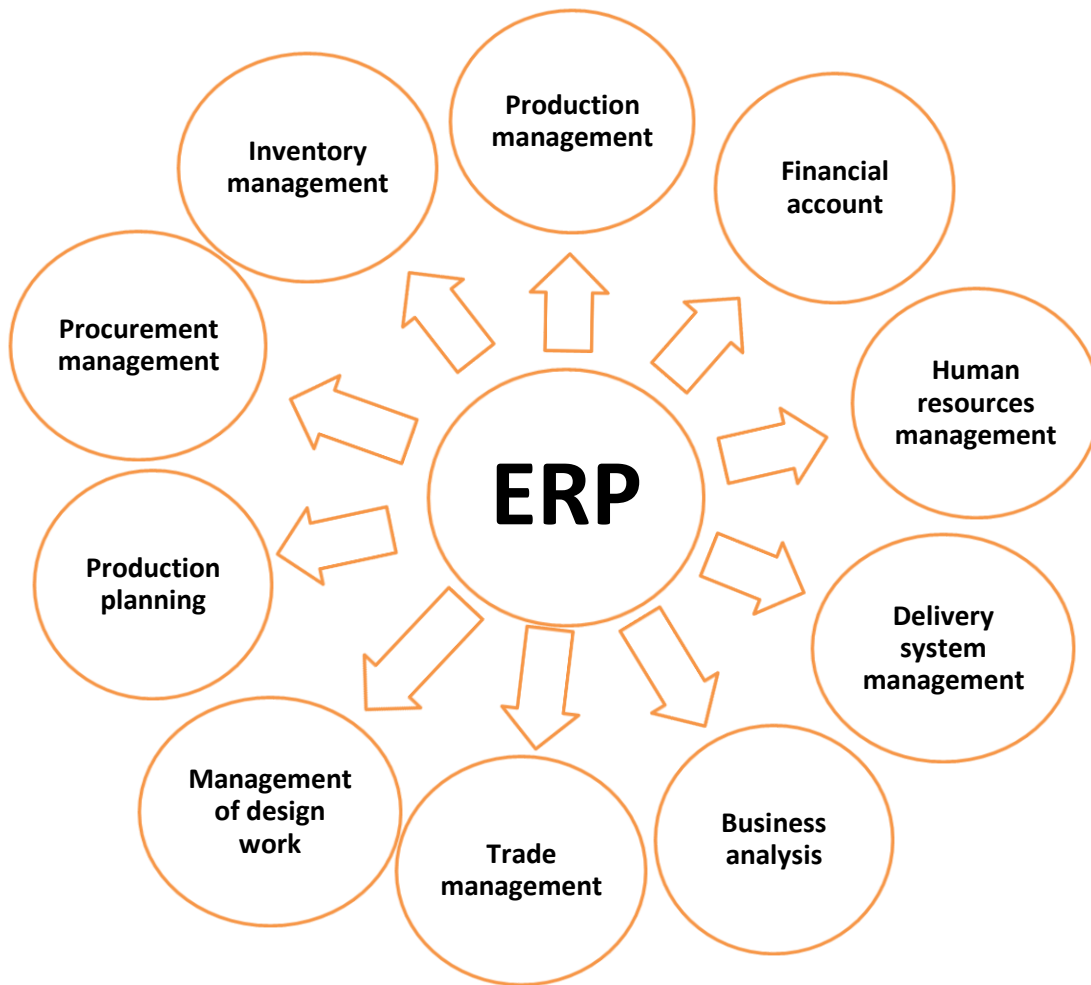
optimizing the work of the enterprise. Amongst the main tasks, it is worth highlighting the automation of business processes, ensuring resource management, improving interaction with clients, analyzing data for forecasting and making strategic decisions. They play an important role in ensuring the integrity and security of data, which is becoming gradually important in the conditions of the modern digital economy. Overall, the IHK serves as a reliable foundation for the effective functioning and long-term success of the enterprise. In this article, we will consider four main categories of corporate information systems.



1. ERP systems (Enterprise Resource Planning):

ERP systems are powerful tools aimed at systematizing business processes and managing all resources of an enterprise. They deliver a single platform for

information management, combining various functional modules such as finance, logistics, production, personnel management, etc. ERP systems allow a company to increase operational efficiency, decrease costs, and improve decision-making.



2. CRM systems (Customer Relationship Management)

3. SCM systems (Supply Chain Management): SCM systems are designed to manage the supply chain from production to delivery of goods to the end consumer. They help optimize logistics, manage inventory, reduce costs, and increase transparency in the interior the supply chain. SCM systems are becoming a key element for companies that are actively involved in global trade and have complex supply chains.

4. HRM systems (Human Resource Management): HRM systems are aimed at managing the human resources of an enterprise. They contain functions for automating the processes of hiring, managing employees, evaluating performance, and training and developing employees. HRM systems help companies effectively manage their human resources, which is an important factor in achieving success in modern business.

The review of the classification of corporate information systems highlighted their diversity and importance in modern business. Numerous aspects were considered, including functionality, scope, network characteristics, level of use and management. Each category of IHK plays a specific role in ensuring the productivity, security and innovation of enterprises.

The correct selection and effective management of is becoming an integral part of the successful strategy of the enterprise. The integration of convenient corporate information systems allows you to optimize business processes, increase efficiency, reduce costs and improve interaction with customers. Furthermore, effective data management and ensuring information security are becoming important components in the context of increasing cybersecurity threats. Consequently, these factors emphasize the need for constant updating and development of IPT so that enterprises can adapt to the rapidly changing business environment and remain at the center of innovation. The development and proper use of corporate information systems will continue to play a strategic role in confirming the success of enterprises in the future.

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