

## Enterprise Resource Planning (ERP)

To improve the coordination and exchange of relevant information between the systems and various participants in the system as well as to ensure compatibility and data exchange with the relevant systems in one company, acquisition of Integrated system for data exchange and automatic data processing is needed.

The ERP information system entails the following application solutions:

- Warehouse Management
- Materials Management
- Financial Management
- Exchanges – Financial Management
- Supply and Supplier Relations Management
- Workflow Management
- Document Management
- Asset Lifecycle Management
- Treasury Management
- Interest Management

The information system is scalable with the possibility for integrating new production capacities and new technologies in the productions process. As regards the confidentiality, the system meets the requirements for information security in compliance with ISO 27001:2005.

A well implemented and properly used information system gives the company a significant competitive advantage in relation to the competition.

The information system for data exchange and automatic data processing offers application solutions and services to the sectors users of the solution enabling them to follow freely all events in the company.

The users perform their tasks/activities through the Information system for end user with GUI client. Thus, overall information support is provided to all users by the realization of their business processes.

The information system for data exchange and automatic data processing is implemented based on ASP.NET technology with SQL database in its basis used for keeping data generated by the realization of the business processes.

The presentation level is based on Microsoft .NET Framework, ensuring a standard view and a feeling that one is working in any application based on the Windows operating system. This level deals with all interactions with the user and visualizes the information and workflow. The client consists of a working area built of several modules that comprise together the working environment.

The interaction with the users takes place within several different views, which present to the user in individual pop-up windows where the user can change data. These windows pop up automatically as a part of the workflow. The navigation between these views is dictated by the definitions of the workflow.

Conducting a successful business nowadays greatly depends on the time you need to meet the challenges you face with in the course of your work. It is almost impossible to follow the steps of the successful without using the benefits offered by the information technology. The opportunity we provide through our software is indefinite. The application is based on .Net platform which is one of the latest and best technologies.

The application implements the latest technological achievements of the ASP.NET programming language in relation to security, expedition, stability and adaptability.

Noteworthy are all views in the application that can be printed via printer in several formats (PDF, DOC, ODT) and sent electronically.

## Warehouse Management

The system provides a detailed and instant tracking of the consumption of materials and control over the usage of tools in warehouses. It entails:

- A unique nomenclature of materials, tools and finished products
- Records of the transfer between the warehouses and stores
- Management of orders, goods issue notes, goods received notes, transfer orders and delivery receipts
- Control of goods receipt and issue from the warehouses
- Management according to some of the approved methods (FIFO, LIFO etc.) and based on ISO standards

## Materials Management

Maintaining accounting records of material documents. Supporting all material documents from accounting aspect and assuming data from warehouses automatically.

It entails the following scope of documents:

- Good received notes, goods issue notes, transfer orders, suppliers delivery receipts, buyers delivery receipts, inventory reports, turnover
- Tracking the history of inventory and turnover (materials ledger cards)
- All reports can be filtered and searched based on many criteria, such as period, at the entire company or warehouses level, reports for one, a group of or all products etc.
- Functional connection to the invoicing, treasury and suppliers/buyers
- Automatic update in finances, control programs for documents not assumed from a warehouse, quantities varying from those in certain warehouse, control over documents not invoiced

## Financial Management

The financial accounting software offers possibilities for booking orders, freely adding customers, types of documents, chart of accounts, currencies, companies and various types of reports.

The connection between the materials and Financial Management is the main advantage of this software. When creating incoming or outgoing documents in Material Management you can automatically enter the value of the documents into a financial management order with one click only. Thus, the process is considerably expedited and your work consists of simply checking and printing documents.

However, the book entry of orders is your choice. If you choose not to perform the book entry automatically, the orders can be simply created in the orders menu.

The application performs processing of transactions in the Main Ledger in an effective and flexible manner, thus adapting to the needs of your company and providing managers with accurate and timely financial information required for more efficient organization of the work and making business decisions. The solution offers tools for security control that guarantee accuracy and integrity of the data contained in the reports from the Main Ledger.

This business solution is in compliance with the Macedonian accounting laws and regulations and it is developed with Macedonian Cyrillic support, which contributes to faster and easier familiarization with the application. The software can adapt to the client's specific requirements.

The software provides the following:

- A flexible chart of accounts with nested analytics of any quantity
- Book entries organized in financial orders
- Balancing and opening an initial order
- Possibility for planning and budgeting, for instance, for expenditure accounts and comparison of the planned with the existing situation
- Classification of book entries based on organizational units, a cost or profit center, a project or a random category
- Support for booking several currencies
- Register of book entries as a basis for generating various reports such as an account balance, a final inventory and other views
- all views can be filtered and searched based on many criteria: at the company or organizational units level, period, classes, groups or accounts, analytical account etc. including the possibility for combining all criteria

## Exchanges Management

- Import/Export Management
- Exchange Calculations

- Supporting Various Currencies
- International Remittances - Outflows and Inflows
- Letters of Credit
- Computerized Import-Export Documents According to the User's Need

## Supply and Supplier Relations Management

The system enables maintaining records of supply, especially important for companies and institutions with intensive commercial communication. It entails:

- Tracking various prices and analysis of suppliers, currencies, manners of payment and delivery etc.
- A possibility for generating supply based on previously entered minimal quantities needed for keeping stock
- A rich choice of reports on the supply status and flow
- comparative analysis etc.

## Workflow Management

A functional system for tracking production from issuing materials to receiving finished products through:

- Creating norms and specifications for the consumption of materials and setting norms for the workforce
- Creating production orders based on data from Commercial Management
- Assuming data from Warehouse Management through orders and goods issue notes
- Tracking unfinished production;
- Recording finished products and closing orders
- Comparison between the expenditures and the previously set norms of expenditures
- Making calculations of the unit cost based on the productions costs
- Generating planned calculation and unit cost of products based on the data about the ongoing production
- Costs minimization through the help of computers

## Document Management

The most complex part of the Document Management is realized through:

- Connecting the documents with their creators and users
- A system of control and authorization for using documents, especially when one document is filled in by many users
- Recording the documentation status and its flow
- Various reports based on the type of documents, user, status, unit or sector, date of creation or making changes etc.

## Asset Lifecycle Management

The assets are the beginning of each company as they are the key ingredient for its existence and realization.

The assets management software is an applicative, programming solution that enables users to make an inventory of the assets within their company in an easy, fast and efficient manner. This solution resolves the problems that used to arise from the past manners of making inventory of material objects.

The solution is web based and makes accurate and updated data about the assets available at any time, thus enabling the managers to reach quality decisions based on real data. Integration with the module for Financial Management is possible, thus allowing the companies to manage integrated operating activities in a simple manner.

Data about the asset's deployment can be entered, maintained and tracked in the software, including relevant data about newly supplied assets, update of data about already registered assets, transfer of assets between the responsible persons as well as data about assets placed at disposal.

The software provides the following:

- Registration based on inventory number and barcode, inventory place, organizational unit location, responsible person etc.
- Calculation of amortization
- Assets transfer in other organizational units
- Review of assets with revalorization
- Review of assets amortization
- Review of assets by responsible persons
- Review of assets written-off
- Inventory cards
- Inventory lists, specifications and other prescribed and accounting reports
- Automatic transfer of assets in the following financial year with the new present value

## Treasury Management

A set of operating modules for tracking the assets turnover in the treasury and program generation of various treasury forms. A high degree of integrity with the financial accounting, main ledger, suppliers/customers.

The treasury provides computer support for the following:

- Registration of the assets entry and exit from the treasury
- Cash in/Cash out
- Treasury register
- Cash reports etc.

## Interest

A module for interest calculation that can operate independently or connected to the financial accounting, thus performing:

- Automatic calculation of the monthly and daily interest rates, creation of interest lists by customers and by a group based on the data included in the invoices and open items.

Finally, we would like to note that Elikosoft with its team is available to all clients interested in any kind of information.