

1C:Enterprise 8
Functionality of the business
applications

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Introduction

This document describes 1C:Enterprise 8 business applications' functionality (or 'applied solutions' in 1C:Enterprise platform terms) produced by 1C Company in 1C:Enterprise 8 software system.

The unique composition of business functionality, applied solutions development and administration means, software integration and data exchange tools provided by 1C:Enterprise platform offers outstanding possibilities for rapid application development (RAD) and drastically lowers development and maintenance costs. This caused a whole industry of creation of business applications based on the platform to appear across former USSR territory.

For general information on 1C:Enterprise 8 software system see '1CEnterprise - the system of programs' document.

A detailed description of 1C:Enterprise 8 platform and its features is given in '1CEnterprise 8 - the platform' document.

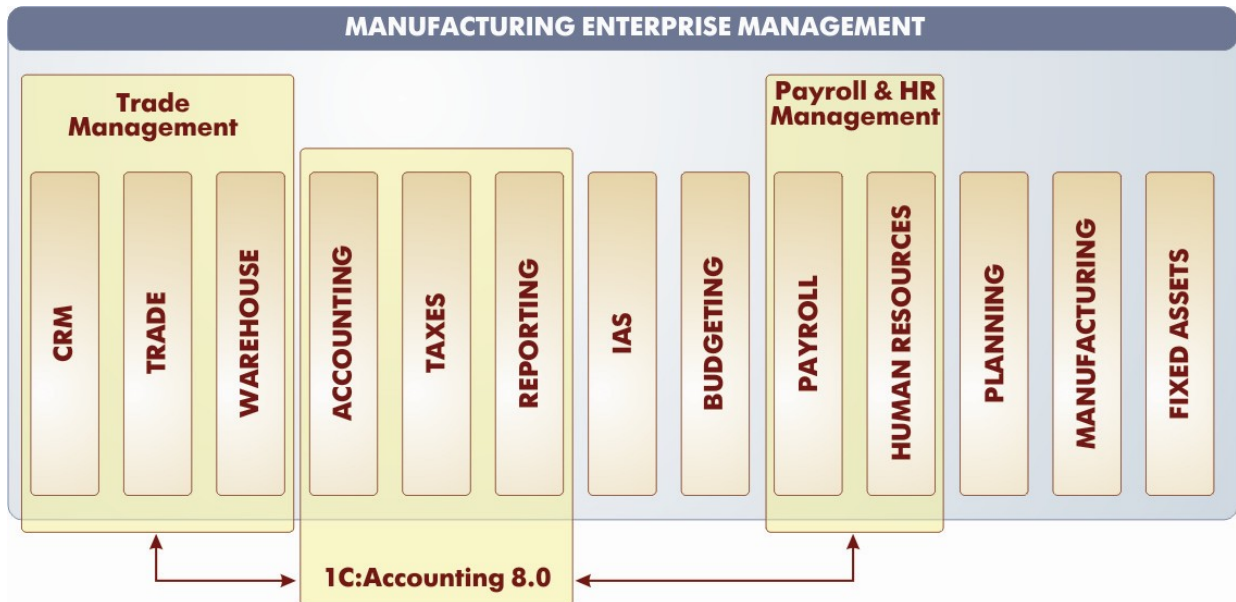
Areas of application

Business applications created by 1C Company and its partners on the base of 1C:Enterprise platform cover many business areas. In very general view, all business applications can be divided into two big groups: produced by 1C company and those produced by the Company's partners.

There are four standard boxed business applications produced and supplied by 1C Company:



1. [1C:Enterprise 8. Trade management](#)
2. [1C:Enterprise 8. Payroll & HR Management](#)
3. [1C:Enterprise 8. Enterprise Accounting \(also called 1C:Accounting 8\)](#)
4. [1C:Enterprise 8. Manufacturing Enterprise Management](#)



General functional composition and correspondence between standard applications

A distinguishing feature of boxed business applications produced by 1C is their thoroughly thought out functional compositions. The standard applications contain only those functions which are really required for a significant part of enterprises. This allows making them rather compact and easy-to-use, providing direct correspondence between legal system and business specificity on the one hand and the applications on the other, also to maintain and develop them further. Besides,

this makes it possible for the applied solutions to be used by the Company's partners when developing their own business applications.

These four applied solutions are described in details in the following sections.

Vertical applied solutions are created by 1C Company's partners for automation of branches or fields of activities of various enterprises.

Presence of the single unified platform and common development methodology allows developing such solutions using boxed solutions from 1C as a basis, adding only required components aimed to a particular branch or an enterprise specificity. This provides quick development and introduction of business applications

Armed Forces - Accounting - Uniform inventory - Cash allowance	Transportation - Transportation companies - Auto dealers - Service and repairs, parts	Health Care - Medical statistics - Clinic, hospital - Diet food catering	Educational Institutions - Calculation of scholarships and stipends - Library system automation
Agriculture - Accounting - Wage calculation	Public Catering Automation of public catering businesses	Insurance - Ins. contracts bookkeeping - Calculating insurance reserves - Accounting	Non-Profit Organizations - Accounting - Monitoring of the use of allocated funds
Manufacturing - Manufacturing planning, scheduling and control - Accounting	Tourism - Airline ticket sales - Travel agencies - Hotels	Service Industry - Video rental - Organizations operating on commission - Pawn shops, beauty salons etc..	General Solutions - International accounting standards, planning, management, interaction with clients, etc.
Construction - Accounting - Calculation of estimates - Construction-site management	Housing - Rent calculation	Real Estate - Calculation of rental agreements - Netting of mutual obligations - Accounting, legal and administrative records	... and much more... - Investment companies - Franchises - Lumber and other businesses ...

Examples of vertical applied solutions

due to using proven functionality implemented in the boxed applied solutions; this also reduces costs of vertical solutions – the costs are significantly lower in comparison to development of a business application from scratch.

1C:Accounting 8

The 1C:Accounting software series has been the most popular 1C product for more than ten years now, and has become an industrial standard of business accounting systems in Russia. The new version 1C:Accounting 8 includes all the best features from its predecessors.

1C:Accounting 8 application is a composition of 1C:Enterprise 8 platform and Enterprise Accounting applied solution. It provides high level of business accounting and tax accounting automation and generation of regular reports, including compulsory (regulated) reporting.

It's intended for companies and organizations with various kinds of activities and can be used in wholesale and retail trade, commission business (including sub-commission), rendering of services, manufacturing, etc.

The solution completely supports actual legislation.

It supports running accounting for several companies (entities) within one information base. The companies can use shared catalogs of goods, expense items, contractors, etc.

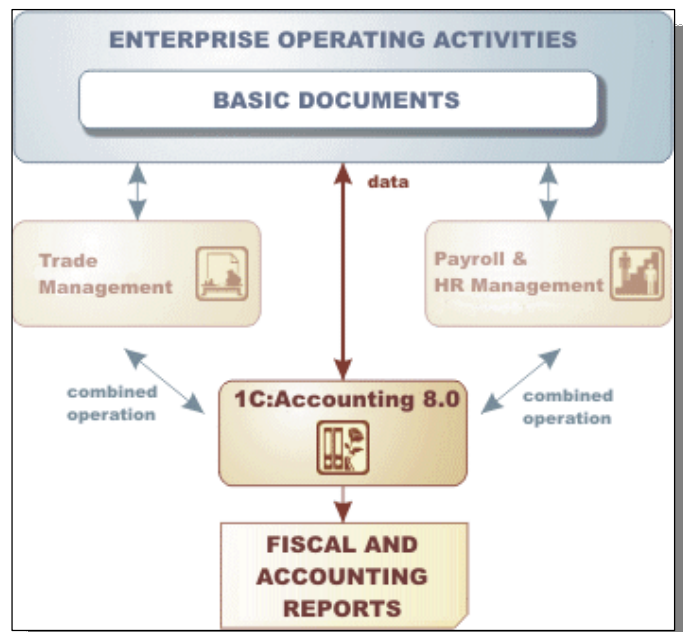
Users can adjust accounting procedures, using accounting policy settings, create new sub-accounts and analytical accounting views.

1C:Accounting provides solutions for all tasks of an accounts office, such as writing out sources documents, sales accounting, etc. Besides, data on some activities, trade and production operations can be entered by employees from other (neighboring) enterprise departments, not being accountants. In this case accountants are only responsible for methodical management and information base settings for proper writing documents in business and tax accounting.

The main way to reflect business transactions in the accounting is entering documents corresponding to sources (basic) documents of business accounting. Additionally, direct enter of some posting operations is allowed. Typical operations can be used for group posting operations – it's an easy automation tool, easily customized by a user.

Functionality:

- Cash and bank transactions
- Several entities within one information base
- Inventory accounting at average costs, LIFO or FIFO
- Group calculation
- Tax accounting
- Physical or combined accounting
- Fixed assets and intangible properties accounting
- Manual and automatic posting of accounting transactions
- Payroll, HR and personalized accounting
- Reporting system
- Flexible accounting customization
- Multi-user operation mode (when working with MS SQL server)
- Modern and convenient user interface
- Configuration and administration means
- Support for distributed information bases and more...



1C:Accounting 8 application diagram

The application includes **integrated warehouse accounting features**, for quantitative (physical) or monetary-quantitative (combined) accounting. Warehouse accounting can be disabled, if not required.

Purchases and sales operations are automated. When items are being sold, pay slips and invoices are written out. For imported items it includes country of origin and customs declaration ID. The application supports several types of prices, such as 'wholesale price', 'small-scale wholesale price', 'retail price', 'purchasing price', etc.

It also includes **commission business automation** means for both items received for commission and for those transferred for further sales.

The application provides **cash and non-cash transfer accounting**. Operations of settlements with suppliers, customers and advance holders are automated and several currencies are supported. Basing on cash documents a cash-book is generated.

Integration with bank client software is supported.

Settlements with contractors can be run in currency, conventional units or foreign currency. Rates differences are automatically calculated. Settlements can be done by every payment document or by an agreement as a whole. This is specified individually for a particular contractor, or for all contractors.

It provides **production costs calculation** for production and services offered by main and auxiliary production, also **indirect costs accounting**.

The application allows running **payroll, HR and personalized accounting**. It performs automated payroll calculation according to pay rates, with calculation proper taxes and fees, taking into account all features of a particular enterprise. Regulated reporting is generated automatically and information on individuals can be exported for presenting to supervising authorities.

Regulated monthly operations are automated, such as currency re-estimation, writing off costs of succeeding periods, determination of financial results and others.

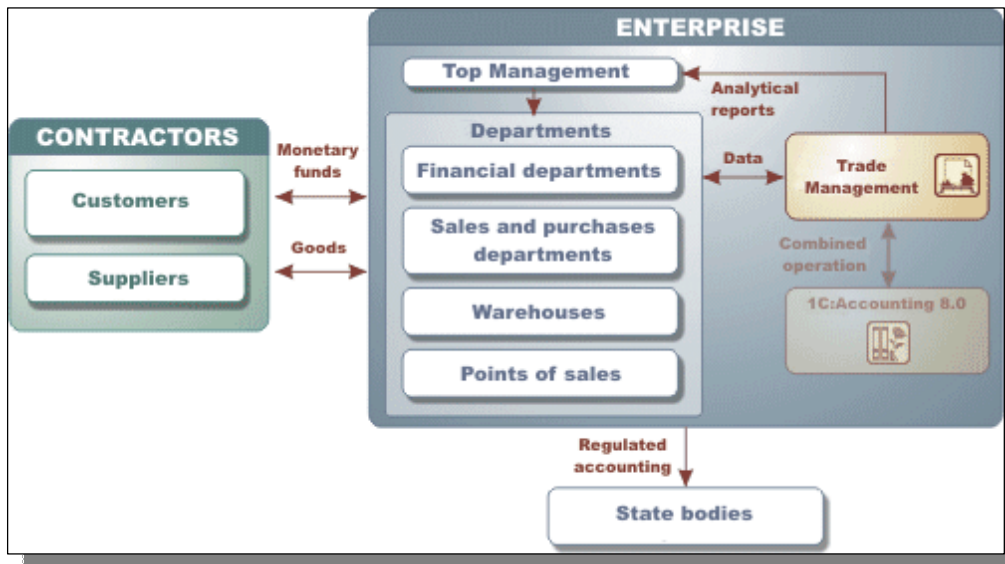
Reporting system includes standard accounting reports and provides regulated reporting for business accounting, taxation, statistics, for individuals, and reporting to be provided to various funds.

Thanks to the possibility to hold several business entities' activity within one information base 1C:Accounting 8 can be used in small companies (SOHO), as well as in holdings with complex organization structure.

The application can also be used in integration with other 1C business applications – Trade Management and Payroll&HR Management. In this case 1C:Accounting application is used only for business and tax accounting tasks.

1C:Enterprise 8. Trade Management

"1C:Enterprise. Trade Management" is a boxed business application offering complex automation of accounting tasks management, analysis and planning of commercial transactions, providing efficient trading enterprise management as a whole.



Trade Management application diagram

Trade management functionality

Sales management subsystem allows solving tasks of management accounting and sales control, in both natural and money terms. It includes two blocks – sales planning and customers' orders management.

Sales planning block is intended for providing management personnel with information on actual and planned values of the enterprise activity. Planning is performed for groups of items, or on separate items. It's also allowed to select a category of customers (by region, for example) and make up individual plans for each of the groups.

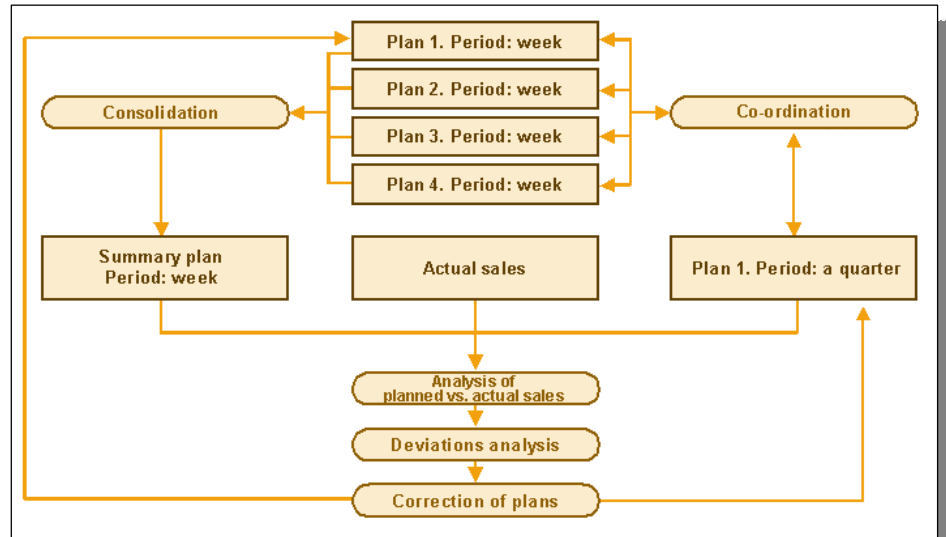
It allows to make up plans with various time scales (from a day to a year period), so strategic (for a quarter, or annual) as well as work plans can be built for the same period. For example, an annual plan can be built in the beginning of a year, and monthly plans can be approved according to that.

Functionality:

- Sales management.
- Purchases management
- Supply management.
- Sales and purchases planning.
- Stock management.
- Orders management.
- Customer relationship management (CRM)
- Enterprise commodity turnover analysis.
- Price analysis and pricing management.
- Personnel monitoring and job rating.
- Monitoring and commercial efficiency analysis.
- Manager's report.
- Analytical reporting.
- Sales equipment attachment.

Sales planning can be performed for an enterprise in general or by its departments separately. This allows department managers to make up plans for their directions, which can be composed into a summary sales plan for the company in general.

Later, the plans can be compared to actual sales, deviations are analyzed and the plans can be corrected.



Sales planning diagram

Comparative analysis of planned and actual sales

can be performed for various periods (for example, for the same periods of current and last year) and various levels of details.

Customers' orders management subsystem allows implementing the most efficient for the enterprise strategy of working out customers' orders, according to the business strategy selected on the enterprise (sales from stock, to order, etc.); reservation items on a stock with subsequent shipment, adding a customer's order to earlier created orders for suppliers, etc. An algorithm is provided for automatic goods reservation and accommodation, allowing optimal placement of a customer's order to supplier's orders and to free items on stock.

The system provides meeting delivery terms for the items ordered, satisfying as many customers' demands as possible, also avoiding overstocks.

'Orders analysis' report gives information for current state of customers' orders.

There is a capability of analyzing an order expected profit when the order is being drawn up. This excludes situations when discounts could make the price lower than minimal admissible value.

There are several **Sales schemes** provided in the application: with tentative reservation of goods, or without it (from actual stock remainders); by preliminary orders with suppliers for particular orders from customers; sales on credit or on the conditions of full (or partial) prepayment.

Purchases management functionality provides managers with information necessary for planning timely purchases of goods and for optimization of purchase costs.

The sub-system allows automating such operations as the following:

- Making up purchase orders for suppliers basing on customers' orders.
- Monitoring bill settlements and delivery of good for the orders.
- Correction and closing purchase orders
- Suppliers' prices monitoring.

Warehouse management

Warehouse management implements detailed records management on stocks (warehouses), providing full control over an enterprise's goods stocks, for both wholesale and retail trades.

- Warehouse accounting
- Internal orders management
- Overhead expenses records

Multiple warehouses and units are supported. It provides separated accounting of goods owned, accepted and passed for sale, accepted for safe keeping, also accounting of reusable containers.

Operations over sets, making them up and de-packaging are also provided.

Inventory functionality calculates the difference between accounted (registered in the information base) and actual goods found during the stock-taking. Then writing-off or posting documents are made up.

Internal orders processing functionality allows a company departments to order goods with other departments to supply their own stocks. Internal orders are also processed in sales and purchases planning with the same algorithms. An internal order is considered closed upon taking the good on target stock.

Overhead expenses may be included into goods' cost. Depending on the nature of the expenses they may be spread pro rata to costs of goods received, their weight or quantity. Overhead expenses may be fixed before goods receipt (according with a particular agreement or order).

Customer relationship management (CRM)

As contact information it there may be such parameters as address, telephone number, e-mail address, local phone number, etc. Also, there me be several contact persons for a customer, with additional contact information for each of them.

'Contacts' may also include arbitrary information received from customers as well as information entered by a user himself to be sent out.

Allows solving the following tasks:

- Storing contact information on customers, automatic notification about future contacts with a customer.
- Contact information exchange with external mail programs.
- CRM analysis with grouping customers into various categories (ABC- and XYZ-analysis)
- History of contacts with customers.

Analysis of contacts efficiency is performed with the help of "Contacts and information sources analysis' report. At that, various parameters may be used to estimate results. For example, one can see how sales volumes grew up after ringing customers round. Or, what was the company's profit after an advertising company, and advertising in which newspaper brought the best result.

The capability of contact data exchange with external e-mail programs increases work efficiency and keeps the contact database integrated and helps to avoid its duplicating.

Data exchange is arranged in CSV format with 'Data import/export' functionality.

CRM analysis provides customers appeal analysis (ABC) and customer relation stages analysis (XYZ).

ABC analysis allows estimating relative value (appeal) of various groups of customers and to distribute business efforts for them correctly.

ABC analysis is performed with a corresponding report, basing on data, entered to a database. From the report data one can re-arrange lists of partners according with the importance groups. There may be three such importance groups:

- "A" – high importance
- "B" – medium importance
- "C" – low importance

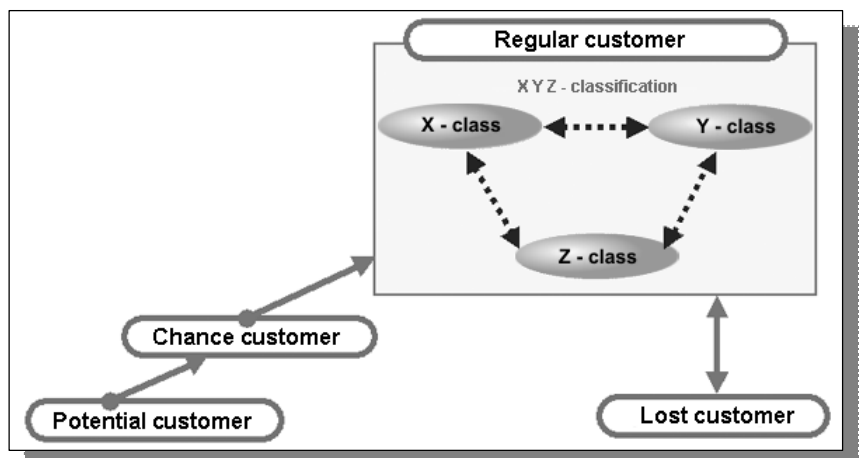
An automatic ABC-classification is provided for automatic re-arranging the partners.

Values and criteria of the processing are defined by a user in the processing settings. After the processing, every partner (contact) receives a proper category; however they may be modified by a user manually, too.

XYZ analysis and relation history can be also applied to the list of contacts and classify them by stages of relations.

A customer relation stage can obtain one of the following values:

- Potential customer
- Chance customer
- Regular customer
- Lost customer



In order to understand tendencies of customers' inclinations, more detailed information is also displayed for 'Regular customer' group, such as X, Y and Z classes. (Arrows on the scheme represent transition directions between states).

XYZ analysis is performed with 'XYZ analysis of customers' report.

'XYZ processing' automatically assigns proper classes to contacts, it can be manually modified, as well.

Reporting

The application offers **analytical reporting** functionality as a powerful and flexible mean for analysis of all aspects of enterprise business activity.

One can get information on stock states, orders, sales, mutual settlements from any analytical points of view with required level of details.

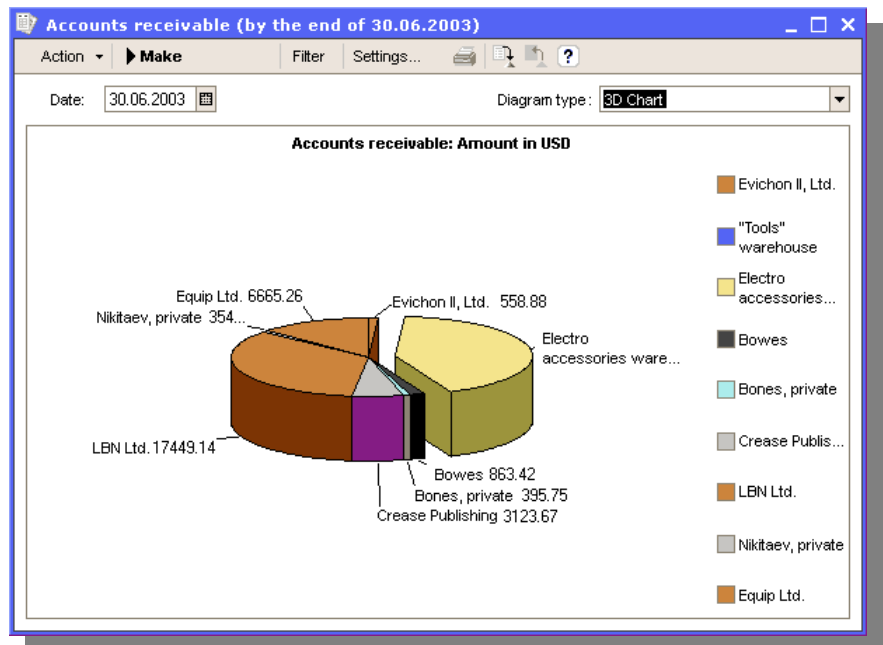
For example, one can get sales information by regions for one or other group of goods or monitor sales volumes for a period of time with details by days.

User can adjust level of details on his own, as well as grouping parameters and sorting conditions in reports according with his tasks. Such individual settings (in fact – special reports the user created) can be saved for further using.

For visual data representation it provides graphical views (charts and diagrams) and drill-down functionality for getting more details on a particular item.

The reporting module includes many reports, such as:

- Warehouses assessment.
- ABC-analysis of goods.
- XYZ-analysis of goods.
- Comparative analysis of prices.
- Orders analysis
- Goods turnover analysis
- Turnover means structure report



Personnel monitoring and job rating functionality provides estimation of managers' work by a set of various parameters:

- Quality and completeness of contact information in the database.
- Number of contacts with customers.
- Analysis of changes of relationships stages.
- Number of lost customers vs. total number of customers.
- Number of completed customers' orders.
- Totals of sales, profit, paid sum.

The list of parameters can be adjusted by a user. Estimation can be performed in absolute figures, as well as in relative values.

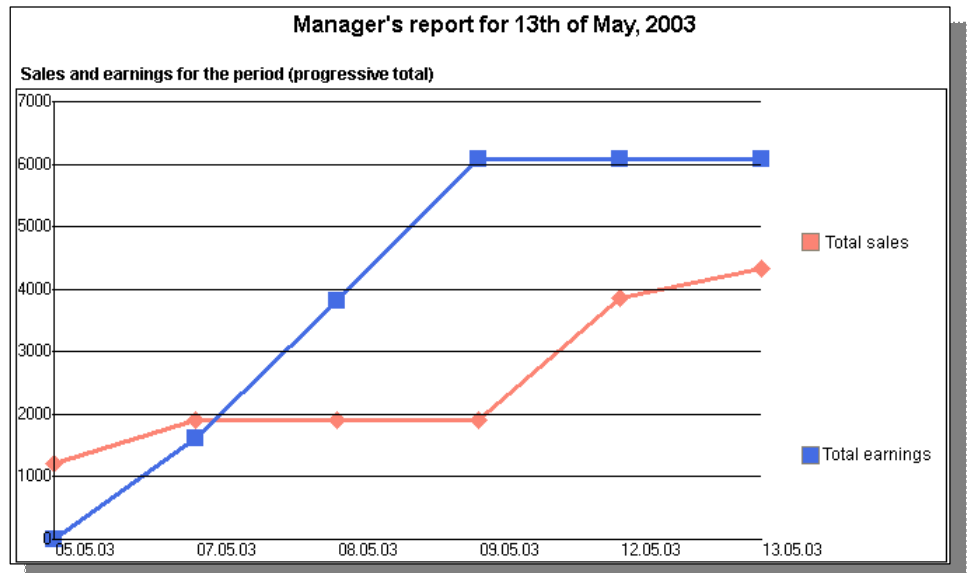
The capability for comparative estimation of managers is also provided, as a rated list of the best managers.

The **Manager's Report** is a report of a special kind allowing regular delivery of crucial information to the company's top management. This represents information on current state of business in the company in a convenient and concentrated form.

The important thing is that the report should not be composed every time it's needed, nor even 1C:Enterprise application should be started. Once set up, **The Manager's Report** engine automatically makes up and send out the report according with the schedule and to the e-mail addresses specified.

The report contains records analysis for various parameters, such as sales volumes, receivable and payable accounts, flows of funds from point of view of items, etc. The list of parameters can be adjusted individually for each manager of the company's top management.

For better presentation data are provided also in graphical form: comparison diagrams, charts, etc.



The report is sent by e-mail according with a mailing list specified.

Trade equipment attachment

The capability is implemented to attach trade equipment, such as bar code scanners, data accumulation terminals, customer displays, scales, cash registers.

The list of equipment attached to a user's PC is stored in 'Trade equipment' catalog. An easy and convenient way to adjust connection of the equipment is provided, it's also possible to attach several devices of each type.

And much more...

There are more useful features implemented in the business application:

- Storing additional information. The catalogs in the application have the capability of containing additional information as files, such as object pictures or text information.
- Specifying additional users permissions, such as: to read and edit documents for a particular company, for a particular department by its manager, responsible for the commercial transactions; set the denial of posting the documents that have good remainders exceeding the remainders for the company as a whole; set the denial of editing prices and discounts in a document; set the denial of issue goods with price exceeding a specific price; to print out non-posted documents; to edit documents and reports before printing.
- Reassessment of currency funds.
- Distribution of funds across revenue and expense items.

- Monitoring for remainders from point of view of companies. All reports analyzing mutual settlements with partners have the capability of filtering and grouping the information by the companies.
- Data export into other 1C:Enterprise Trade Management application in XML format. At that, one can export only data for a particular department, warehouse, company, or by type of documents.
- Checking for updates. The wizard providing this functionality checks for updates, downloads from a 1C Company's WebOserver and installs them.
- Additional expenses accounting.
- Internal goods and funds transfer
- Data exchange with other software.

1C:Enterprise 8. Payroll & HR Management

"1C:Enterprise 8. Human Resource Management" is a boxed business application intended for enterprise manpower policy management.

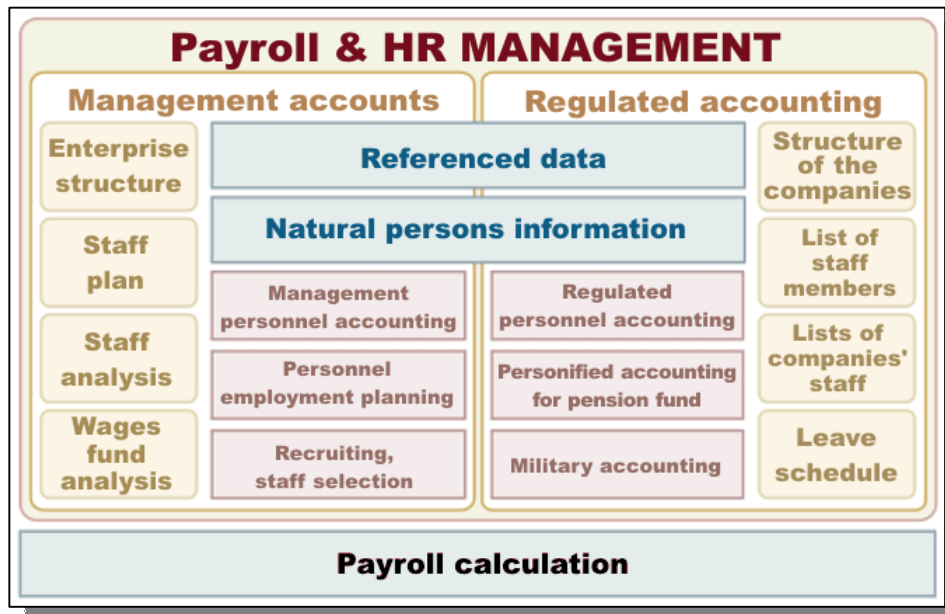
The application allows performing human resource management for several companies, juridical or private persons, constituting a single enterprise.

Two forms of accounting are carried out in the application at a time: **management accounts** and **regulated accounting**. Management accounts are carried out for an enterprise as a whole, and regulated accounting – for separate companies.

The business application's structure is the following:

The application covers the following business areas:

- Human resource demands planning
- Staffing
- Personnel competence and certification management
- Financial motivation management
- Efficient personnel employment planning
- Personnel accounting
- Labor relations, personnel bookkeeping
- Payroll calculation



Payroll & HR Management application diagram

Management accounting

Staff plan functionality allows making up the following plans:

- Positional-organizational structure (number of employees by positions and departments).
- A plan for changes in the structure by events and personnel expenditures.
- Planning expenses for wage of employees

Staff plan changes approval is used by managers to browse the changes, edit and approve them.

Thanks to references on changes and personnel expenditures manager gets thorough information for taking a decision.

Wage fund analysis functionality uses planned monthly expenditures assigned by the staff plan.

The main goal of the report is to provide wage fund volume. An arbitrary period can be specified in the report.

The analytical report for the wage fund displays calculated values as a usual table or a diagram from point of view of groups specified by a user, as well as a summary table that allows analyzing data from various points of view.

Recruiting subsystem automates the process of recruiting and estimation of candidates.

The subsystem allows to:

- Store information on candidates, as natural persons.
- Store documents from the work with candidates (CVs, questionnaires, etc.).
- Plan meetings with candidates and registration of decisions taken, up to job offer.

The application can store the questions used in questionnaires, like a kind of a knowledge base. This helps to consider a candidacy from various points of view.

Staff selection tool is arranged as a specialized human resource manager's workplace.

Enterprise human resource accounting subsystem provides storing of the following information:

- Personal information on employees, as natural persons.
- Employee's department and position.
- Work phones, e-mails, other contact information

Various reports can be drawn up from accumulated HR information:

- Lists of employees,
- Staff turnover rate,
- Staff statistics,
- Leave reports (schedules, used leaves, leave schedule completion)

Analytical reports allow building various lists of employees, selected and grouped by various criteria. The reports provide information from point of view of departments, positions and other dimensions.

This allows to thoroughly analyze enterprise personnel and to take more weighed decisions.

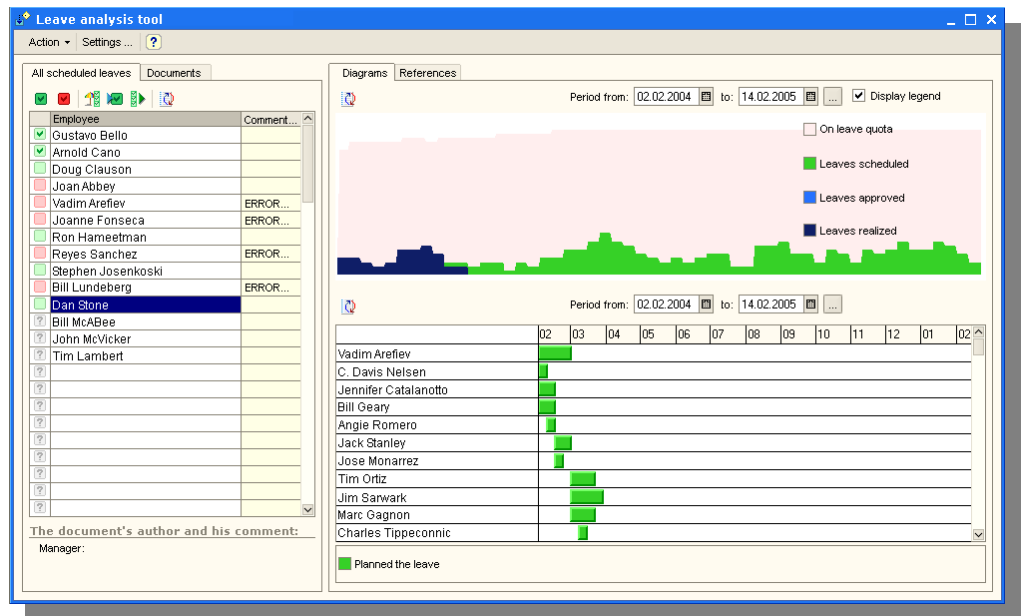
User can adjust grouping parameters and selection criteria in reports according with character of tasks. These specific settings can be stored for future use.

Personnel employment planning helps to arrange employees' working time. In particular, plan meetings, arrangements (both internal and external), also location of events planned.

Leave schedule tool is used for employees' leave approval. Together with distributed leave planning system it allows to plan leave schedule for a big number of employees.

With this tool a manager can find out whether an employee can be given a leave, if his leave contradicts with arrangements planned, who is on leave at that time more, etc.

Visual aids represent time distribution of leaves. The tool includes a leave-checking system that finds errors and simplifies approval procedure.



It also provides information on amount of days not assigned yet to an employee.

Regulated accounting

Regulated personnel accounting provides signing work contracts with every employee of a company, making up fixed forms, pension and military accounting.

Structure of the companies represents a formal enterprise structure description that may include several transactor units actually owned by one the same owner (or owners).

These companies can be

- Juridical persons;
- Detached departments of juridical persons;
- Private entrepreneurs

Companies' staff lists can be analyzed with reports. There is a fixed report form with a company staff list and monthly wage fund for every item. Staff list analytical report displays data in two variants: as a list of staff items, or as staff positions.

The information can be grouped by the following items:

- Companies
- Departments and companies' positions;
- Types of base wage rates;
- Currencies of base wage rates;

Personnel accounting in companies is performed in parallel and independently on enterprise personnel accounting and provides the same possibilities.

A natural person can be placed in a job in several companies of an enterprise or in several departments of one company.

The system registers all staff movements, from placing in a job, leaves and business trips and retiring.

Analytical report on employees provides the capability of making up various lists of employees, with filters and groups.

Personified accounting and **Military accounting** are arranged according with state legislation and normative documents.

Payroll calculation

Payroll calculation subsystem is intended for salary accounting according to adopted rules and conditions

It provides complete automation of the task: from entering documents on an employee job, actual working hours, medicine and other insurance, sick-lists, leaves, obligatory payments, etc. through to generation documents for salary payments and reports to state supervising authorities.

Results of payroll calculations are reflected in management, business and tax accounting with required details.

The payroll calculation module can be adjusted for any particular enterprise conditions and/or legislation demands, without programming efforts. This significantly saves implementation time of the application in a real business (enterprise).

1C:Enterprise 8. Manufacturing Enterprise Management

"1C:Enterprise 8. Manufacturing Enterprise Management" business application is a complex solution covering main management and accounting directions. It allows establishing a common information system for management of various aspects of enterprise activities.

Manufacturing Enterprise Management application is targeted to enterprises with the personnel number from tens to several thousands, with tens and hundreds workstations, such as holding companies and multi-level companies.

The application was produced with close co-operation with PricewaterhouseCoopers and includes modern international enterprise management methods (such as MRP II, CRM, SCM, ERP, others) as well as the experience accumulated by 1C Company itself and its partners in automating manufacturing enterprises.

Functionality:

1. Production management:
 - Production planning
 - Expenses management and cost value calculation
 - Product data management
2. Fixed assets management and repair planning.
3. Financial management:
 - Enterprise budgeting;
 - Funds management;
 - Mutual settlements management;
 - Enterprise accounting and tax accounting;
 - International Accounting Standards (IAS);
 - Consolidated reports generation;
4. Warehouse management.
5. Sales management
6. Purchases management
7. Customer relations management
8. Personnel monitoring and job rating
9. HR & Payroll calculation
10. Enterprise monitoring and economic activity analysis

Production management

Production management subsystem helps to significantly reduce production costs through building and optimizing an enterprise's production plan.

Functionality of the subsystem is targeted to planning departments, production departments, production control departments and others.

Since release #1.1 of the business application the Planning subsystem includes Planning Wizard. The Planning Wizard is a tool for building purchases, production and sales plans. The tool can also be used for distributing ready plans across many processes.

Production planning

It's intended for medium- and long-term production planning and resource demands planning, also for analysis of planned plans vs. actual completion of them. Production planning takes into account many parameters, feasibility control and plan execution monitoring from various points of view at a time:

- By departments and managers;
- By projects and sub-projects;
- By key resources;
- By nomenclature groups and individual nomenclature items.

From the plans made up in "Sales management" subsystem it draws up expected production volumes from point of view of nomenclature groups (or, if necessary, of individual items, too).

It detects differences between aggregated and adjusted plans, planned daily tasks, real production data.

Production goals are drawn up, execution monitoring and production lag estimation.

There is a capability to produce **consumption tables and availability of the main (key) types of resources** when producing nomenclature groups or individual nomenclature items.

Aggregated production plan is checked for conformity with limiting factors, such as availability of the main resources.

Key resources' availability is monitored.

Planning production in shifts

The subsystem is intended for short-term production planning from point of view of individual nomenclature units, also for production plan execution analysis by production control department.

It provides the following capabilities:

- Forming production plan in shifts
- Determination of available resource capacities
- Execution control

Cost management and manufacture costs calculation

One of the most important points in competitive activity is production cost saving, cost management. The system reflects **real production costs**; that allows to make efficient measures to reduce manufacture costs and manufacture costs, improving business profitability.

The main functions of the subsystem are the following:

- Accounting of actual expenditures for a reporting period from required points of view, in monetary and real terms.
- Real-time quantitative resources accounting in incomplete production.
- Accounting of actual remainders of incomplete production by the end of reporting period, from required points of view.
- Accounting of spoilage in production and on stocks.
- Calculation of actual manufacture costs.
- Manufacture costs calculation for a month for issue documents – for direct costs and for planned manufacture costs.
- Accounting of reduction of goods made on commission
- Calculation of actual cost of incomplete production remainders by the end of reporting period.
- Providing reports on manufacture cost composition order.

- Providing report for shifts for goods production and production services.
- Providing data on manufacture costs structure for estimation of deviations from figures defined.
- Group calculation of planned production costs.

Product data management

This functionality gives control over product composition data and product routes through production departments and stocks.

It includes:

- Specification types – ‘full’ and ‘assembly’.
- Specification versions
- Active/inactive specifications
- Specification Wizard – for quick and convenient adding of new specifications or their versions.

Fixed assets management and repair planning

Using the subsystem functionality one can plan and control maintenance works and hardware maintenance:

- Provide standard documents for fixed assets maintenance
- Schedule fixed assets maintenance and resource for this.
- Store results of the maintenance performed.
- Analyze deviations of terms and volumes of maintenance

The system all main operations of fixed assets accounting and supports a wide range of amortization calculation ways.

Financial management

Using this subsystem together with the distributed database support (see ‘1CEnterprise 8 - the platform’ document for more details on this) allows to arrange efficient financial management for holding companies and corporations, improving transparency of their activity an investment attractiveness.

This subsystem can be used by chief financial officer, accounts department’s and economic planning department’s staff, other financial departments.

Enterprise budgeting

The subsystem implements functions for financial planning on an enterprise:

- Planning of movements of funds for any period from point of view of time periods, financial centers, projects, balances and turnovers, additional analytics.
- Monitoring for actual enterprise activity for the same points of view

- Summary reporting by results of the monitoring.
- Checking for conformity of expenditure applications to work plan for the period.
- Financial analysis
- Funds availability analysis
- Analysis of deviations of planned and actual data

Funds management (treasury)

It performs the following functions:

- Multi-currency balance accounting
- Registration of planned earnings for future payments, on bank accounts and cash registers.
- Placing funds to expected inpayments.
- Making up a payment schedule.
- Drawing up all necessary basic documents.
- Integration with 'bank client' systems.
- Spreading a payment document's sum across several agreements and deals.

Mutual settlements management

The subsystem is used for optimization of financial and substantial streams.

It allows to analyze a debt changing in time and it operates with two types of debts – actual and expected.

The subsystem's main goals are the following:

- Detection of a debt appearance (of the enterprise, as well as before the enterprise).
- Detection of reasons of the debt.
- Current debt state analysis and history.

Business accounting

Accounting capabilities implemented in the system are designed to meet the state legislation, as well as business demands, and include:

- Bank and cash transactions
- Fixed assets and intangible property
- Accounting of materials,, goods, production
- Cost accounting and manufacture cost calculation
- Currency transactions
- Settlements with companies and private persons
- Wage settlements

- Budget settlements

Accounting for several juridical persons within a information base is supported.

Such structure of organization of accounting allows automating enterprises with quite complicated organizational structure.

Tax accounting

Tax accounting for profit tax is carried out independently on business accounting. Business transactions are reflected in parallel in both business and tax accounting. The documents recording business transactions provide the possibility to enter and to show data for tax accounting later.

Accounting methods and information storage mechanisms are similar in business and tax accounting, providing the possibility to compare data from both sides.

Accounting according to IAS

The subsystem of accounting according to **International Accounting Standards (IAS)** developed by 1C Company in co-operation with PricewaterhouseCoopers Company provides a complete methodological basis for enterprises to establish their accounting in concordance with IAS. It may be customized for a particular enterprise character.

The subsystem includes a separate chart of accounts as provided by IAS, customizable by a user, and provides:

- Financial accounting and preparation of individual as well as aggregated financial reports according to IAS;
- Translation of most of transactions from business accounting subsystem, with customizable rules;
- Accounting according local and international standards in parallel – for the areas where there are significant differences between the standards' requirements.
- Posting of user-specified regulation documents.

The subsystem can be also adjusted for accounting and producing reports according to other international standards, such as US GAAP.

Warehouse management

This module's functionality corresponds to that in '[Trade Management](#)' application, though it meets specific manufacturing enterprise's needs.

Apart from warehouse management sub-system itself, it also provides timely and thorough information for an enterprise's chief commercial officer. It provides stock information from any points of view with high level of details: up to goods specification (color, size, dimensions, etc.) or serial numbers and use-by dates. Stock cost estimations are also provided.

Statistical check means allow estimating commercial appeal of every item by its share in the enterprise's turnover or profit, detecting those being sold with hard, considering such criteria as average time spent on stock, cost for a period and turnover rate.

Sales management

This module corresponds to that in '[Trade Management](#)' application, providing complete automation of sales process on a manufacturing enterprise, in both wholesale and retail, including pricing:

- automated price formation basing on receipt documents and trade extras
- various discounts: automated, manual, by discount cards;
- time periods for discounts validity
- flexible conditions for discounts: by total purchase, by the number of a particular item, etc.
- separate wholesale and retail discounts
- formal confirmation of a discount cancelation

Purchase management

This module corresponds to that in '[Trade Management](#)' application. It provides purchase managers with information necessary for timely and optimal purchases.

CRM and personnel monitoring and job rating

This module corresponds to that in '[Trade Management](#)' application. Capabilities of the subsystem are used in relations with any contractors and used by chief commercial officer, chief marketing officer, personnel of marketing and supply departments.

In addition to the standard e-mail functionality, the subsystem also includes developed e-mail means:

- Assigning responsible persons and completion control.
- Keeping correspondence history;
- Access right control for address book (down to particular e-mail addresses);
- Contact information import from popular e-mail clients;
- Sending out e-mails upon event occurrence (such as payment settlement).

Human resources and payroll calculation

This module corresponds to that in '[HR Management and Payroll](#)' application.

Enterprise monitoring and economic activity analysis

Manufacturing Enterprise Management application includes powerful and flexible reporting system, allowing analyzing and controlling almost all aspects of production and commercial activity of an enterprise on-the-fly.

Basic features of the system include:

- Intellectual report generation tools, not requiring programming.
- Spreadsheet design

- Summary tables
- Linear, hierarchical and cross reports
- Grouping support
- Drill-down functionality
- Visual data representation means

Information can be presented from any points of view and with required details. Level of details can be adjusted by a user, as well as grouping and filtering parameters, according to specificity of tasks.

Individual reports settings can be saved for future use.

Manager's report

This module corresponds to that in '[Trade Management](#)' application.

Technological advantages of 1C:Enterprise 8 applications

Modern three-tier platform along with the complex enterprise level application provides IT managers and IT specialists with data safely stored, performance and scalability of the system.

Scalability

Using 1C:Enterprise 8 platform allows efficient operation and data safety when working with tens and hundreds users.

Modern three-tier architecture provides high performance for resource-consuming tasks and allows to increase data bandwidth through increasing capacity of hardware used, saving costs concerned modifications or changing business software.

For more information on scalability see '1CEnterprise 8 - the platform' document.

Distributed databases support

1C:Enterprise 8 implements support for distributed databases, providing operation of one business application with databases spread over territories, structured as a multi-level hierarchical system.

This gives the possibility to apply Manufacturing Enterprise Management application in enterprises of holding or multi-level structures.

For more details on distributed databases support see '1CEnterprise 8 - the platform' document.

Integration support

The application supports integration with almost any external applications (such as bank client systems, e-mail clients, schedulers, etc.) and hardware (control equipment, warehouse terminals) using commonly adopted open standards and data transfer protocols supported by 1C:Enterprise 8 platform.

For more details on integration support see '1CEnterprise 8 - the platform' document.