

# ERP Software Development Company

**Document Version:** 1.2

**Filename:** Business Systems Case Study

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# Project Background

## Company

Business Systems is one of the leading ERP software development companies in Belarus that works on the '1C:Enterprise 8.0' platform.

## Concept

Business Systems is a customer oriented company that pays attention to every detail in the analysis of enterprise business processes. A great experience in automation of such processes lets to solve difficult problems in the fields like order management, logistic, book accounting and human resources.

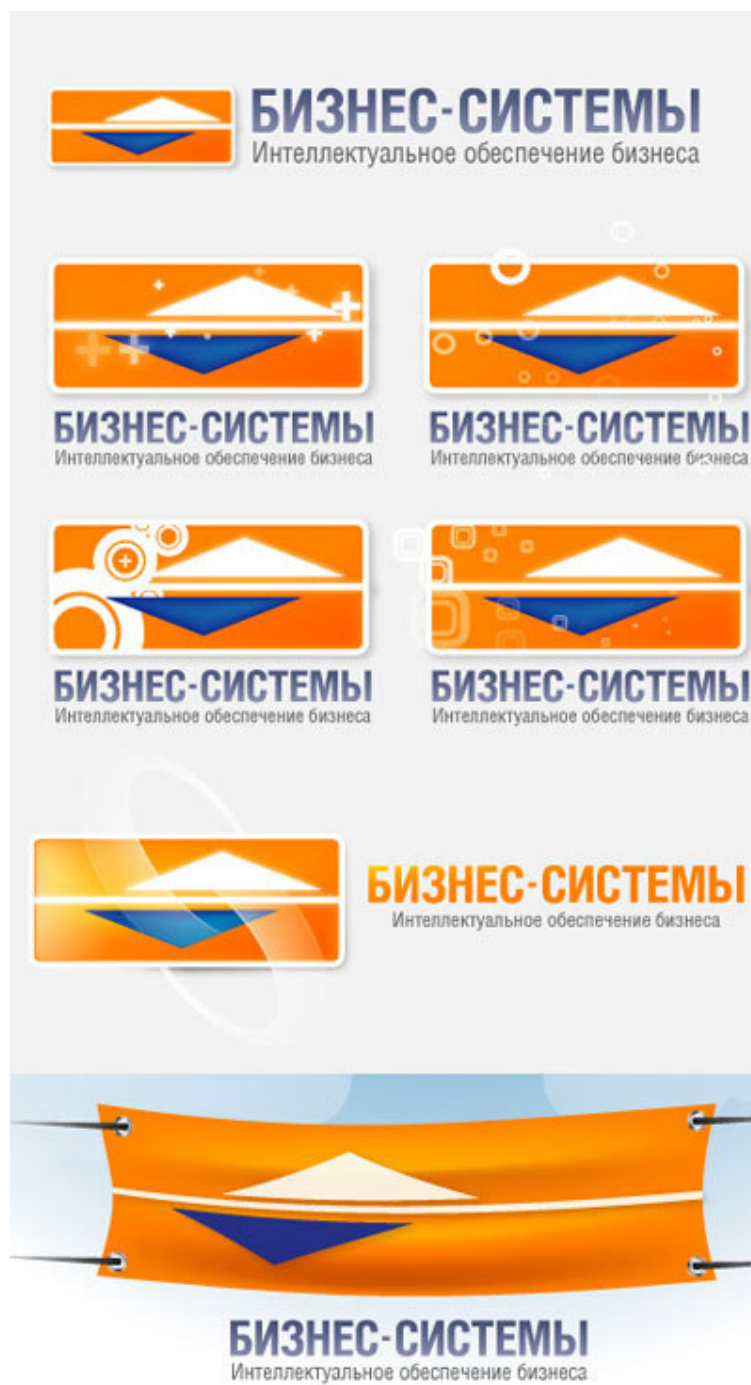
## Goals

Development and effective integration of the software to production. The main goal of the company is a quality conformance of the ERP solutions.

# Visual Design Solution

## Logo Design

The following logo design concepts were proposed.



The chosen concept is



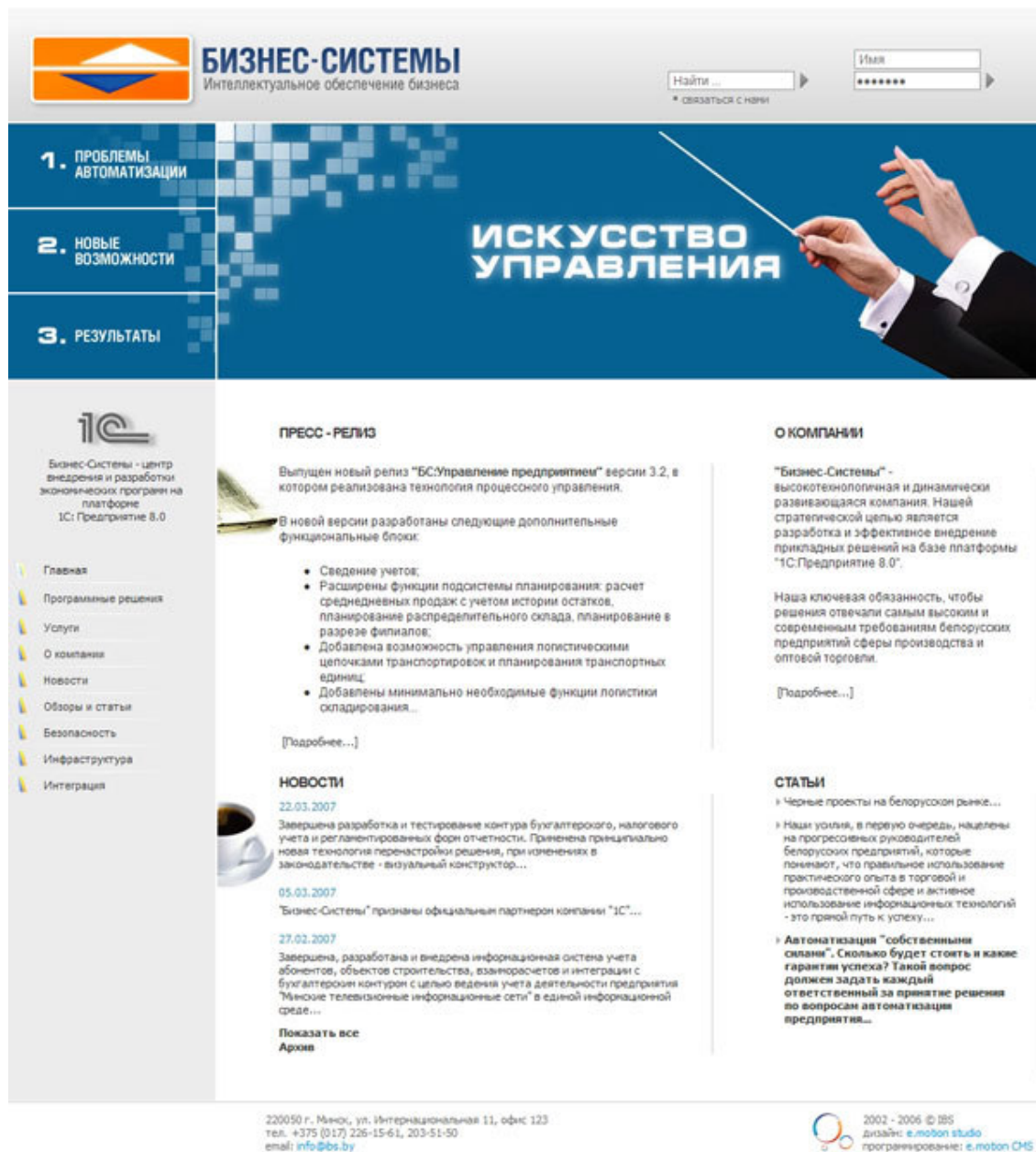
## Icons Concept

The icons below were chosen as the graphic description of the site parts

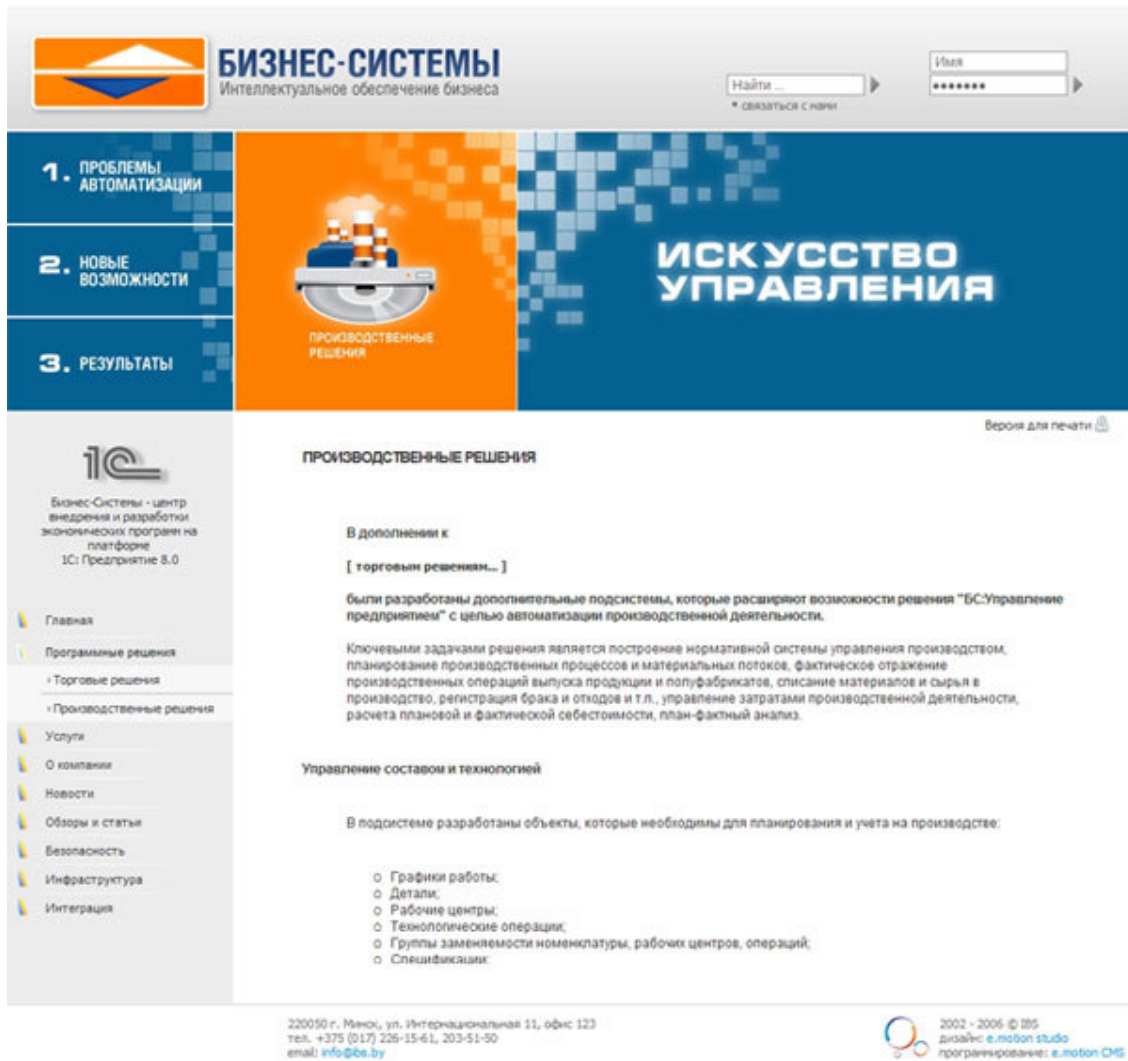


# Frontend Design

The following concept was used when creating a visual design of the main page for the frontend.



The concept which was used for secondary page.



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**ПРОИЗВОДСТВЕННЫЕ РЕШЕНИЯ**

В дополнении к [ торговым решениям... ]

были разработаны дополнительные подсистемы, которые расширяют возможности решения "БС:Управление предприятием" с целью автоматизации производственной деятельности.

Ключевыми задачами решения является построение нормативной системы управления производством, планирование производственных процессов и материальных потоков, фактическое отражение производственных операций выпуска продукции и полуфабрикатов, списание материалов и сырья в производство, регистрация брака и отходов и т.п., управление затратами производственной деятельности, расчета плановой и фактической себестоимости, план-фактный анализ.

**Управление составом и технологией**

В подсистеме разработаны объекты, которые необходимы для планирования и учета на производстве:

- Графики работы;
- Детали;
- Рабочие центры;
- Технологические операции;
- Группы заменимости номенклатуры, рабочих центров, операций;
- Спецификации;

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дизайн: e.motion studio  
программирование: e.motion OMS

# Technical Solution

## General

Every customer gets a very personalized approach when working with e.motion, which means that e.motion will plan the development work according to the customer requirements but taking customer capabilities into account.

After analyse and communication with the customer, the following combination has been confirmed to be the best: e.motion CMS installation and customization.

## Content Management System

e.motion CMS was used as the Content Management System for Business Systems website. For more information on e.motion CMS please refer to [e.motion CMS Overview](#).

Additional customization included modifying Users Management and Content Management Modules to make it possible to create restricted areas for project tracking.



## Customer Benefits

Easy-to-Use backend allows customer to keep the website always updated with text, charts and diagrams as the quality of information is a vital part in the field of ERP software development. Dynamic updates are regularly performed by Business Systems without any further help from e.motion.

Users Management Module was additionally updated to allow Business Systems to create projects tracking areas with a restricted access for the respective customers.

## Customer Feedback

“I want to take this opportunity to tell how much we appreciate working with IT-specialists from e.motion. Despite their being so young, they are highly expert in the field and have very good communicative skills. They have done exactly what we wanted and even more. Sometimes it is not very easy to understand a customer but they do understand. Thanks for the perfect job, we’re looking forward for the future projects with e.motion.”

Andrei Goleta, Business Systems CEO

## Technical Overview

### Technologies Used

LAMP (Apache, PHP, MySQL);

Project management tools: MS Project 2002;

QA tools: Silk Performer

### Efforts

Total efforts of the project are 382 man-hours including:

**Project Manager/Business Analyst:** 40 man-hours

**Visual Designer:** 160 man-hours

**HTML Coder:** 32 man-hours

**PHP Developer:** 130 man-hours

**QA Engineer:** 20 man-hours