

Company profile

Unisoft Plus is an independent software development and research company. The company head office and research and development team are based at the Siberian Scientific Center (Novosibirsk, Russia) and provide all the necessary scientific, technical and product development expertise and know how to make your project successful.

The Siberian Scientific Center is located in the small town of Akademgorodok which is 15 miles south of Novosibirsk. This place is truly unique in Russia as it is here that the State University and an impressive number of scientific institutes, research laboratories and software development companies are located.

The core staff of Unisoft Plus began working in the international market in 1994. Since that time, Unisoft has been providing software design, development and reengineering services to a broad range of enterprises in Russia, the United States, the United Kingdom, Switzerland and Germany.

Unisoft Plus has been working very successfully as a full partner with the client's in-house software design and development teams. In the age of the Internet, the distance between Unisoft and its partners is not an obstacle to successful business relationships across borders or oceans! Our eight years experience in completing projects successfully in international practice has proven that! Unisoft Plus is confident in its ability to complete competently, professionally, in a timely manner and on budget practically any software development project.

Unisoft Plus headquarters are fully equipped for software development and delivery. The company owns all necessary hardware, software, communication lines and a dedicated Internet channel to enhance its success. Its internal network and its external servers are secure and effectively managed to assure complete protection of proprietary information. Unisoft's physical security is managed according to standards that make it virtually impossible to gain unauthorized access to secure locations on the network, including data repositories. Unisoft Plus is committed to protecting its clients' proprietary information as completely as if it were our own! The company warrants its confidential handling and non-disclosure of any client information entrusted to its care.

Unisoft Plus offers software development services in two broad classifications:

- business application development skills, including e-business applications, and
- sophisticated scientific and technical applications in applied mathematics and data management and analysis.

The company will also reengineer and port your legacy applications to new software environments and computing platforms.

Unisoft Plus consistently pursues its strategy of employing proven, industry-standard component-based software engineering technologies based on multi-tier architectures to deliver efficient successful software applications for bottom line results. Our capabilities may be accessed employing flexible business models, including time-and-material contracts, fixed price quotations and risk/reward compensation models.

More than 80 different applications/solutions have been delivered successfully by Unisoft Plus over the last three years. Examples to illustrate the breadth of these successes are briefly described on the following pages.

Company projects and solutions

Below are brief descriptions of typical projects developed by Unisoft Plus for clients in several different areas of business.

Business applications

Siberia Business

B2B portal to showcase Siberia Business resources as a vertical business community on the Internet.

Requisitioning System

An Intranet application which links several corporate data warehouses to facilitate ordering spare parts for industrial gas handling systems. Users may send RFQ's, order parts, track the status of the order and many other functions.

Project Resource Management System

The prime purpose for this application is to enable flexible, efficient and accurate allocation of scarce resources (human and other) among several projects competing for those resources. This application is built in a multi-tier architecture.

Dentist Assistant

An integrated set of client-server applications to unify the information flow required for effective management of the administrative, financial and clinical activities in small health care facilities. This portfolio runs effectively on a LAN-based network architecture.

ERP

A specialized enterprise resource planning and management system for a printing company built using a multi-tier software engineering strategy.

Delivery Forecasting System

This expert-like system assists in forecasting liquid/bulk industrial gas deliveries. The three-tier application design facilitates future scalability and integration with other applications.

Technical applications

Simulation Software – heat exchanger design

A scientific application to predict heat transfer and fluid flow in a rectangular channel. This model provides engineering insight into the successful design of specialized heat exchangers.

Simulation Software – mixture separation

This application simulates binary mixture separation in a distillation column with structured packing. It runs on a Windows PC or on an HP UNIX station using X Windows.

Integrated Statistical Environment for Design of Experiments (DOE)

This is an expert-like statistical application for the design and analysis of experiments/experimental data using several of the latest statistical methodologies. The software offers an integrated environment for experimental design, parameter estimation and model diagnostics. It will also handle statistical quantification and graphical interpretation of the data and model reliability.

System Control and Data Acquisition (SCADA) Software

This application collects data from experimental equipment. It also provides users with select process control options.

Simulation Software – pressure relief system

This application estimates process pressure relief demand and then designs and selects an appropriate pressure relief system for air separation equipment, handling vessels and process circuits.

Trouble-Ticketing System for Telecommunications Network

An integrated work process management system for the technical assistance requisitioning process.

Re-engineering and porting

Gas Delivery Forecasting System

This multi-lingual application is designed to forecast MRI gas refill requirements and to keep track of all gas refill interventions. The application was ported from MS DOS/Paradox to the Windows environment.

CAD Post-Processor

This post-processor operates on Bentley MicroStation design files containing “intelligent” flowsheet information. The application was moved from HP/UNIX/FORTRAN to an MS Windows environment.

Promptly and permanently available skills for outsourcing projects

Programming tools and technologies

- Microsoft Visual C++
- Microsoft Visual Basic
- Microsoft/Digital/Compaq FORTRAN
- ASP
- ASP.NET
- Perl
- XML
- HTML, DHTML
- Borland Delphi
- Oracle Development Tools
- PowerSoft PowerBuilder
- SQL

Platforms

- Windows 95, 98, NT, 2000
- Unix family

Database Management Systems

- Microsoft SQL Servers
- Microsoft Access
- Sybase SQL Servers
- Oracle SQL Servers
- Btrieve Record Manager
- CA-Clipper
- MySQL

and many more...

Certificates:

Microsoft Certified Professional

Oracle Express Database Design and Control

Oracle Express Objects for Applications Developers

Oracle Financial Analyzer for Administrators

Oracle Financial Applications (General Ledger, Accounts Payable, Accounts Receivable, Purchasing, Assets, System Administration)

A number of Brainbench certificates (<http://www.brainbench.com/>) in C++, VB, ASP, SQL, OOD, OOP, etc.