



Custom Software Applications to Fit Your Needs

In today's marketplace, it is virtually inconceivable to introduce any software product without customization capabilities that enable integration into other systems. To that end, Sprinx Systems offer the full range of custom software development. We further develop existing products and integrate them into your existing systems. Or, where necessary, we develop entirely new applications, tailored specifically to your needs and your budget.

In the process of customization, we use a carefully tested methodology. It is based on world renowned methodologies such as RUP (Rational Unified Process) or LMBS, to which we have added more than ten years of hands-on experience gained in the process of developing custom made applications. We primarily use the latest Microsoft technologies when developing custom applications. Thanks to our software partnerships, we have access to the latest products and tools before they are placed on the market, therefore our applications do not technologically date for years.

Our Services

Solutions Analysis

During the analysis phase, our team of experts collect and analyze requirements for the future software; model business processes; and, offer a viable solution. The analysis results in a set of documents which describe the future application in detail, including business processes to which it is connected, and their possible changes. In addition to their use in applications development, this set of documents can also be used as a formal description of the company business processes.

Development and Implementation

The application development phase itself is performed by our top programmers, who hold a number of industry certificates. In the process of programming, we emphasize strict assignment implementation, code quality, top performance of future applications and „friendliness“ to future users. Our extensive library of ready-to-use modules and components helps us to address frequently used tasks, significantly reducing the time and complexity of the application development.

Project Management

Project management is an essential part of our custom solutions. Our project managers have extensive experience with the application development in various branches of human activities. We are able to finish short-term projects with tough deadlines, as well as very complex long-term projects spanning many years. Whether the project lasts 2 weeks or 5 years, our goal is to finish the project on time and within quality and budget guidelines.

Highlighted Projects

1. Computer - supported selection procedure system (large civil - engineering company)

The system includes supplier database management, selection procedures results recording, computer-supported execution of the entire process from the selection procedure planning, demand preparation, the addressing of individual competitors to possible participant on-line auction in the final round of the selection procedure.

Solution and Technologies Used:

Internet-based application built on Microsoft technologies led to lower administration costs and better performance as well as distant user access. We used three-layer architecture, using database, application and presentation layer.



- Database layer provides safe and reliable data storage for the information system - relational database server – Microsoft SQL Server 2000.
- Application layer represents the whole of application logic of the information system - it provides all necessary functions for client layer users. Application layer is implemented on the Microsoft .NET Framework platform as a set of components implemented in C# language.
- Presentation layer uses Microsoft ASP.NET technology and Internet Explorer Internet browser.

Other Technologies Used:

Microsoft SQL Server Reporting Services a Microsoft SQL Server Analysis Services. Using Microsoft SQL Server Analysis Services, the key financial and capacity indicators are monitored. The system also runs analysis in order to detect irregularities in some of the selection procedures. Microsoft SQL Server Reporting services provide user reports and their publication.

2. Clinical studies monitoring application (large international pharmaceutical company)

Online application for managing, monitoring and processing of clinical researches.

- Collects the clinical study results data
- Data protection and encryption
- Only few selected specialists can access the database
- Individual clinical studies can be easily entered into the system
- Real-time control
- Standard as well as custom made reports
- Central document archive
- Mobile access to the database for database users
- User screening through access code, password, certificate or SMS verification
- Entered data can be checked using custom made algorithms

3. Dealer management system for a car importer (large automotive company)

Dealer management information system for car importer and reseller to manage all business processes from marketing to vehicle repair service.

The solution includes:

- Business activities
- Service activities
- Communication with company's partners - dealers and production plant
- Support for end-users
- CRM - Customer Relations Management including contacts, activities and document modules

Technology:

The system is based on three-tier architecture using Microsoft technology. Microsoft SQL Server with XML for SQL is used for database layer. Application layer is developed on Microsoft .NET Framework.

A standard internet explorer is used as a client.

External Systems Integration:

System is integrated with other systems used by customer

- Accounting
- Various systems of manufacturer
- Various systems of dealers
- Web presentation

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