



Custom Development

Custom Development Services is your professional technology resource for effective custom solutions tailored to meet the demands of your organization

Web Mastery Technical Consulting
 SharePoint Application Development
 Database Development Client Server
 Web Design Dynamics CRM Business Automation
 E-Commerce System Integration
 Search Engine Optimization

Project Life Cycle

The project life cycle as implemented by Simply Bits has been designed to clearly define the customer's expectations and address risks early in the development process.

Current System Assesment: Before we start any redesign or rebuild of an existing website or application, we like to first review what has been done in the past to see what was done well, and what fell short.

Gather Requirements: As we work through the requirements and design phases of the project, we will have multiple "brainstorming" meetings with key client personnel to clearly define project requirements.

Design and Develop: The graphic design of the project is independent of the technology and can proceed on a parallel course to the development. The site framework ties together the design, content and the site functionality.

Testing: Unit testing is typically done as each module is completed in the development phase. At the end of development before each release, a tester completes a formal walk through of the entire project.

Deployment: The deployment is a staged roll out of the new application. This involves installation and initial training and may involve hardware and network upgrades.

Services Overview

Client Server

Simply Bits specializes in producing commercial grade, large-scale software products. We use a tried and true development process that focuses on producing a quality product in the least amount of time and expense. Client server projects are more complex and typically involve a formal development process, while smaller projects and web site use only the portions of the process that make sense.

Database Development

Simply Bits has extensive experience with SQL Server development. We have created countless applications from desktop applications to web applications. We specialize in developing scalable solutions that are robust and cost effective. Our designs are done with robust Database-side business logic including User Defined Functions, Stored Procedures, Views, and Referential Integrity. We also do performance optimization, backup and recovery plans, data reporting and analysis using SQL reporting services and integration services. In addition, we use encryption and proven security methods to make sure databases are reliable, secure and perform quickly and efficiently.

E-Commerce

Simply Bits takes a practical approach to e-commerce solutions. We either use existing commercially viable software to create a store, or integrate directly to our clients accounting system. These solutions are usually very cost effective and produce a high quality, feature rich e-commerce system. We use a professional .NET storefront to produce effective, rich sites that perform reliably and quickly even in high demand applications.

Wireless and Mobile

The members of Simply Bits have built many applications for mobile devices, even before the tools were created to make this a simple task. As wireless technology becomes less expensive and more available to the general population, it makes more and more sense to create a mobile version for every application, or even your website. Modern tools including the Microsoft .NET platform make the cost of doing so lower than ever before.

Web Applications

Web applications are websites that have complex processing requirements, and usually involve storing and retrieving data from a database. These sites can do anything from maintaining and displaying information to users, to complete interfaces to other software applications. We have seen much growth in this area in the last few years and most new applications are being built at least partly as web applications. New tools for developing this type of application, including the Microsoft .NET platform are enabling a much richer interface for a browser-based application.

Consulting

As a part of our development services, Simply Bits does various types of technical consulting. This is usually, but not always, associated with other development projects we are doing. The consulting can consist of anything from network setup and configuration or server maintenance and support to assistance in the architecture of a new product or even business process consulting as it relates to software integration.



Call us today for a FREE assessment of
your technology systems!

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