Ever Wonder

Why Some Projects

Never Get Done?

We've got the answers!

DATA-RITE
SYSTEMS

Another day has gone by, and you're still nowhere with that project. You see your time and money going down the drain. Not to mention your reputation! And the worst part is that you don't even know why.

Sound familiar?

Even with today's sophisticated technology and vast Internet resources, developing database applications is still a mystery to you. Maybe you've already hired a consultant, but the problems still persist. It's probably because your business requirements have not been fully addressed with your existing software applications.

That's how we're different. At Data-Rite Systems, we dedicate the necessary time to get to know your business before we ever touch your data. We understand your business rules. Our state-of-the-art software applications take these specific intricacies into account, and are applied properly to each web development project we undertake.

Data-Rite does not take a short-term "bandaid" approach to problem solving, but designs well thought-out solutions that support your company's growth year after year.

ABOUT US

WHO WE ARE

Data-Rite Systems is a New York City-based consulting company dedicated to client server and web development for small to mid-sized companies. Data-Rite, a Microsoft Certified Solution Provider, has focused on database application development since 1995.

WHAT WE DO

Our goal is to provide a disciplined approach to system development. From structured analysis and design, we apply technology the correct way: making technology work for the business, not making the business work for technology.

HOW WE DO IT

Data Rite Systems offers a wide variety of Internet, Intranet and database consulting services. Our expertise is in developing browser-based applications using the latest Internet technology. These applications are deployed on corporate Intranets and are performed on a web server while the client receives HTML-coded pages, containing the user interface and data.

Our experience in developing mission-critical client/server applications ensures the right development techniques are applied properly to each Internet development project we undertake. We focus on database solutions that are tailored to each client's business requirements, budget and time frame. Data-Rite can also help you develop a long-term strategy for using Extranet capabilities and assist in delivering browser-based applications to end-users outside the corporation.

AREAS OF EXPERTISE

- Microsoft SQL/Server Application Development
- Microsoft SQL/Server Database Administration/Performance Tuning
- Microsoft Transaction Server
- Microsoft Visual Basic
- Microsoft Access
- Data Transformation Services (DTS)
- Active Server Pages (ASP)
- JavaScript
- VBScript
- HTML
- XML

CLIENT DEDICATION

We've earned high marks from our clients, and that's why they keep coming back for more. We provide them with well-designed high-quality software solutions necessary to compete successfully in today's marketplace, and we exceed client expectations at each and every step. Our state-of-the-art technical expertise is customized for each client's needs, taking into account the specific environment and corporate business rules. We ensure that project completion is on time and on budget. Our system's flexibility—combined with steadfast dedication to customer service, sophisticated technology and project management expertise—provides a rapid, cost efficient and successful implementation of a new system.

OUR APPROACH: THE THREE TIER ARCHITECTURE SOLUTION

We recommend a database driven web site, based on a three-tier architecture platform:

I. User interfaces in ASP, JavaScript, VBScript, HTML or XML
II. Middleware and object development in Visual Basic
III. Server side SQL using Microsoft SQL Server

A three-tier architecture provides a division of duty within an application. It uses the strengths of each technology to maximize efficiency. A standard Internet three-tier application takes advantage of HTML's ability to format and display data in the browser or "front end", the Visual Basic "middle-tier" to handle the business rules and logic, and a database as the "back end." The browser "talks" to the middle tier, and the middle tier, in turn, applies the business rules and "talks" to the database. The middle tier is what is known as COM, or Component Object Model. The biggest features of COM objects are reusability and performance.

ADVANTAGES

- **Cost Savings**
  The only software that will need to be deployed to the end-user desktop will be a web browser, and, therefore, application deployment costs will be reduced substantially. Implementing the application involves deploying the application software on only one server (the web server). In addition, with a single client application for all server applications, rollouts are simplified and PC maintenance costs are reduced.

- **High Performance Integratable Database Software**
  SQL Server is a stable, reliable, high performance database that will easily support web based processing and will integrate with the Windows NT based network environment.

- **Efficiency**
  Enhancements, upgrades and fixes to application software will be simple and immediate, as only the web server will need to be updated. No action will need to be taken on each desktop.

- **Reduced Costs/Easy Acclimation**
  Training costs for web based systems have shown to be lower than those created in a traditional desk top client/server environment. In our Internet enabled time, a great number of end-users have a sufficient understanding of web browsers, Internet pages and Internet forms. This results in a reduced training time and effort.

- **Multi-Functionality**
  Once an Intranet infrastructure is in place, it can be expanded to enhance organizational information exchange: sharing of important data, problem tracking and a repository for company rules and policies.

OUR SERVICES

Our approach of applying technology to solve business problems and address the client's needs—first and foremost—is what has them coming back. Data-Rite Systems provides quality software solutions that are innovative and cost efficient. We use state-of-the-art technology to develop a complete three-tier solution:

- System Architecture Design
- Application development
- Database Design
- Programming Specifications
- eCommerce/Data Driven Web Site Applications
- Browser Based/Intranet Applications
- COM Objects (Component Object Model)
- Microsoft SQL/Server Based Data Warehousing
- Client Side Scripting (JavaScript, VBScript)
- Server Side Scripting (Active Server Pages)
- XML Solutions
- Web Site Design - Graphic Art/HTML
- Test Strategy/Implementation
- Business Analysis
- Project Management
- On Site Training