



Federal and Public Sector Experience

The Lewin Group: Flexible Mobile Survey Solution (CMS ESRD)

RDA's client, The Lewin Group, is a premier national healthcare and human services consulting firm. The Lewin Group was engaged by the Centers for Medicare & Medicaid Services (CMS) to facilitate the development and implementation of a set of standards for the inspection and accreditation of End Stage Renal Disease (ESRD) centers. These centers provide dialysis to patients who have experienced kidney failure. The Lewin Group and RDA set out to codify the rules and regulations into a practical tool that could be used by ESRD surveyors. The tool was designed to:

- ensure consistent application of the rules and regulations,
- establish objective criteria for deficiency citations, and
- improve the timeliness of reporting the results.

RDA created the STAR system (Surveyor Technical Assistance for Renal Dialysis), a customized version of its Intelligent Mobile Framework (IMF) tool set. Developed for field data collection projects, the IMF utilizes a common set of analysis and design patterns for survey or inspection intensive data collection systems.

[Read the case study.](#)

Inspection Tool for Head Start Program

RDA's client is a premier national healthcare and human services consulting firm. The Head Start Program provides grants to local public and private nonprofit and for-profit agencies to provide comprehensive child development services to economically disadvantaged children and families, with a special focus on helping children develop the early literacy and numeracy skills they need to be successful in school. RDA and our client were asked to create a grant review system based on an existing application that would be easy for reviewers to use and would capture review data in a manner that supports the review process and the reporting needs of the Head Start Bureau, ACF, and the U.S. Congress. RDA developed an automated user-defined inspection tool that allows reviewers to collect, record and compile data in real-time.

[Read the case study.](#)

Tablet Survey Application for County School System in Maryland

Montgomery County Public Schools (MCPS), located in the Washington D.C. suburbs, is the 17th largest school system in the United States. MCPS sought to improve its methods for documentation while conducting walk-through inspections of its facilities and classroom performance assessments by moving from a paper-based system to a digital mobile solution. RDA developed a tablet survey application that enables senior school administrators and principals to document notes and observations as they walk through schools.

[Read the case study.](#)

.NET Workflow Application Solution for Government Agency

RDA's client offers a program under which it will pay down the student loans of scientists and doctors in exchange for a commitment to work at the institute for a specified period. Faced with another year of processing paper generated by this increasingly popular program, our client decided that automation would be essential to continue the timely processing of the applications. RDA was able to use the Visual Studio.NET environment to quickly build out the site. Certain key features in the .NET framework allowed our team to rapidly implement an application infrastructure. The .NET tools we used included database schema, data validators and grid controls.

[Read the case study.](#)

SharePoint 2007 Infrastructure Review for Global Monetary Organization

RDA's client is a global organization established to promote international monetary cooperation, exchange stability, and orderly exchange arrangements; to foster economic growth and high levels of employment; and to provide temporary financial assistance to countries to help ease balance of payments adjustment.

Our client was starting to use SharePoint 2007 for their intranet for providing collaboration workspaces, as a replacement for their Internet site, and for their proposed extranet environment. To ensure that the infrastructure was set up correctly to support all of these requirements, RDA validated the setup, configuration settings, and infrastructure setup, and made recommendations to improve performance and overall site operations, with the end goal to ensure that our client had a solid infrastructure foundation to support all of their planned SharePoint endeavors.

Enhancements to the CTS System for Congressional Group

RDA helped implement a number of enhancements to the CTS System for a congressional budgetary group.

Architecture Support and Guidance for Public School System

RDA provided architectural guidance and mentoring of the IT staff in the use of .NET framework to this county public school system in Maryland.

Development Support & Mentoring for Public School System

Our client had a number of initiatives underway and requested development support, including the establishment of an enterprise portal leveraging Microsoft Office SharePoint Server (MOSS). RDA also provided training/mentoring to help bring the staff up to speed.

Framework POC for School System

RDA provided assistance and guidance developing a framework and structured approach for future IT development and integration of this client's existing legacy applications. Our client wanted to progress to a development environment that was structured, stable and provided a solid skill set for the internal development staff. RDA developed two proofs of concept, one in MOSS and one in ASP.NET, to help this client determine which approach would best suit their needs.

Graduation Requirements Checklist Project

This school system needed to be able to report on all high school seniors showing whether graduation requirements had been met, and - if not - which requirements specifically were yet to be completed by which students. RDA leveraged the standard Microsoft Business Intelligence development toolset and components (SSIS and SSRS) to develop the solution.

.NET Application Rewrite

This project involved the rewrite of a customer key application in .NET that collects municipal fees. This was a VB6 application that had some severe performance issues and our client wanted to rewrite due to the lack of support for VB6 within the next year and a half from Microsoft.