



COMPANY PROFILE

Stellar Corporation is a Lexington, Massachusetts, based provider of customized technology solutions and services. Stellar has been providing reliable solutions to its customers since 2000. Our experienced and technology driven professionals always emphasize our clients' needs in order to provide effective solutions.

Our solutions are simple yet intelligent and designed to grow and optimized to reduce risk factors. They are quality driven, and cost effective. Our clients are thus provided with great value for their consulting dollar.

At Stellar, we strive to build and maintain strong relationships with our clients. We maintain an unwavering commitment to quality in all our operations and our actions are based on professional ethics and ideals. We are committed to completing each project even when the best-laid plans do not work during the life cycle of the project. The results being our clients are our strongest spokespersons.

Being conveniently located in Lexington, Massachusetts, Stellar also owns and operates a dedicated offshore facility (Stellar Systems) in Kolkata, India. This facility is staffed with competent personnel and is totally committed to projects from our office in Lexington, Massachusetts.

While part of our business is serving state agencies, we are equally committed to our private sector clients. Some of our clients are:

Department of Revenue (Mass-DOR)
Division of Local Services (Mass-DLS)
Department of Environmental Protection (Mass-DEP)
Division of Workforce Development (Mass-DWD)
Massachusetts Housing Partnership (MHP)
Massachusetts Office of Tourism
CJACOBS Consulting, Inc.

Stellar is certified (**ITS43**) by Massachusetts Operational Services Department (OSD) as a Technical Specialist and is a minority owned business (**MBE**).



EXPERIENCE

Dedicated software professionals of Stellar are widely experienced and motivated to provide superior software solutions to our clients. Business process optimization and increase in efficiency are the key goals of any system we develop. Stellar strongly believes that technology follows the business process. As a result, our consultants are trained in business processes while being experienced in technologies involving **Internet, Client Server** and **Legacy systems**. Our experience in multiple full life cycle application development, project management, database administration and strong business allows us to complete the project within schedule, budget and expectations.

Over the years, Stellar has acquired the competence to develop a variety of applications to meet the requirements of the Financial, Technical, Manufacturing, Real Estate and other business communities. Our specialty is in the **Conversion and Business Process Re-engineering of existing applications**. Well-planned and successful conversion from older legacy or client server systems into efficient web-based applications including new database structures is the focal point of the our Re-engineering effort. At the same time, to meet the need for a new application or enhancement, Stellar proceeds methodically starting from requirements gathering to create a clear picture of the clients' requirements prior to design and development.

Our solutions use custom built rules based process and with strong emphasis on workflow and accountabilities featuring dashboard, tasks and activities.

Consulting practice

- Customized Software Development
- Business Process Reengineering
- Technology Migration

Application Areas

- eGovernance
- Housing
- Human Resources
- Housing
- Transportation
- Workflow Management

Technologies

- Microsoft .Net - C#.Net, VB.Net, ASP.Net
- Oracle, SQL Server, Access
- Web Services and SOA
- AJAX, XML
- Crystal Reports, SQL Server Reports, Active Reports



Project - Portfolio Management Information System (PMIS)
Client - Massachusetts Housing Partnership

The Massachusetts Housing Partnership (MHP) (www.mhp.net) is a statewide public non-profit affordable housing organization which provides loans to developers for creating affordable housing developments. These loans are then managed and serviced by MHP. Stellar implemented this Web based **Portfolio Management Information System (PMIS)** that allows MHP personnel to track the status of their portfolio of loans.

The PMIS tracks the borrower financial statements, site inspections data provided by MHP personnel and credit rating created within agency during the life of the loan. It incorporates Debt Service Ratios, Loan-to-Value Ratios periodically to determine the health of the loan. Extensive reports and charting were created to address specific requirements of Portfolio Managers as well as MHP management.

The entire business process is driven by a proven **workflow management** that records event, **create tasks and activities** and provide proactive inputs to user's dashboard based on the calendar and priorities. The system manages a portfolio of loans with value of more than \$400 million.

Technology used: Microsoft.Net with C# .Net and ASP.Net -. SQL Server 2005 - SQL Server Reporting

Project - Soft Second Loan Program
Client - Massachusetts Housing Partnership

The Massachusetts Housing Partnership (MHP) (www.mhp.net) is a statewide public non-profit affordable housing organization that work with local, state and federal agencies and lending institutions to help increase the supply of affordable housing in Massachusetts.

Soft Second is one of the feature programs administered by the MHP for first time Homebuyers that provides a subsidized Second Mortgage at a lower mortgage interest rates to qualifying homebuyers. Utilization of funds from various sources are tracked by the system. Approvals of Subsidy, Mortgage Payments made by homebuyers are also recorded through this system.

The solution is a web based system where participating banks login securely and submit loan subsidy application on behalf of the borrowers and receive immediate decisions. Reservations of by funds are made by MHP and loans are processed per protocols.

SoftSecond program has helped over 13,000 families buy their first home and has leveraged over \$2 billion in private mortgage financing.

Stellar is committed to this endeavor and continues to support this application to this day.

Technology used: Microsoft.Net with C# .Net and ASP.Net -. SQL Server 2005 - SQL Server Reporting



Project - Wetland Information System Redesign (WIRE)
Client - Massachusetts Department of Environmental Protection (DEP)

Wetland Information Redesign (WIRE) application is a fully functional web based application which allows private entities to submit Notice of Intent to both DEP and local Conservation Commissions for review and approval for constructions which impacts the associated wetlands. The NOI data is reviewed by analysts and relevant decisions are notified to Conservation Commissions thru automated emails and letters. This application interfaces with DEP - GIS system for showing all NOI data integrated with fully functional interactive maps. Integrated workflow assists users to selects incoming tasks and completing tasks into activities.

Technology used: Microsoft.Net with VB.Net and ASP.Net - Oracle 10g Active Report

Project - DLS Gateway
Client - Department of Revenue/ Division of Local Services

This project was to create an Enterprise Web-based solution that is used by cities/towns in Massachusetts to submit various property sales and other regulatory data to MA-DOR/DLS and integrate it with internal DLS business processes. The goal was to manage the setting up of tax rate for each city / town within the commonwealth.

Based on requirements by DOR, a phased roll-out plan for the system was created. The following major modules were planned and created.

- A. Property Tax Rate Calculation and submission by communities and Approval
- A. B. Schedule-A Annual Revenues and Expenditures for communities
- B. Local Assessment Data submission(LA3 and EQV)
- C. Local Aid management by DLS and Public Reports

The Gateway application has been highly accepted by DLS and cities/towns all across Massachusetts.

Technology used: Microsoft.Net with C# .Net and ASP.Net- Crystal Reports - Oracle 11g

Project - DLS - City/Town Officials' Directory
Client - Massachusetts Department of Revenue

Stellar designed, implemented and deployed a web-based system to add / modify and maintain various information for officials in 352 cities and towns of the Commonwealth. This Project has been developed in coordination with Department of Revenue.

This public facing application is widely used by state officials, private citizens, private businesses to access local official's data for any cities and towns across Massachusetts. Different levels of security were incorporated in the system to allow users of various privileges to view, modify and maintain different data accessible through the system. This system is publicly accessible at <https://dls.gateway.dor.state.ma.us/Gateway/Public/WebForms/Directory/CityTownLandingPage.aspx>

Technology used: Microsoft.Net with C#.Net and ASP.Net - . Oracle 11g, Crystal Reports



Project - Human Resources Information System (HRIS)
Client - Mass Department of Labor and Workforce Development (DWD)

This application helps this state agency to effectively automate and manage most of their Hiring process maintain Human Resources functions. The application enables managers and supervisors across various DWD locations to manage their employees effectively.

This system interfaces with the state HR/CMS and downloads required employee transaction data daily. The HRIS system maintains complete history of all transactions, allows users to create and modify Organization Structures. This application has made the entire recruitment process available to managers using browser based intranet application

Technology used: Microsoft.Net with C#.Net and ASP.Net - Oracle 11g, Crystal Reports

Project - Content Management System
Client - Massachusetts Office of Travel and Tourism (MOTT)

Commonwealth of Massachusetts Office of Travel & Tourism (MOTT) has implemented a Lodging, Attractions, Retail and Restaurants Interface application in their website in order to allow these entities to perform yearly update of their existing information. The Web Interface developed by Stellar provides the external users with the ability to submit Lodging and Attraction data electronically using the Internet. Once this information is received, MOTT administrative users approve/reject the submitted application data for public display at their web site.

Technology used: Microsoft.Net with C#.Net and ASP.Net - Oracle 11g, MySQL

Project - Section 8 Centralized Waiting List
Client - National Association of Housing & Redevelopment Officials (NAHRO-MA)

The Massachusetts Chapter for the National Association of Housing & Redevelopment Officials maintains a centralized Waiting List for Section 8 participants. This program provides rental housing to eligible candidates at a subsidized rate.

Stellar developed and maintains a Web-based Centralized Section 8 Waiting List application that allows each community to enter the applications from any applicant. This data is used by all participating communities. The system maintains a single list which can be customized by each Local Housing Authority (LHA) by setting their own preferences. The system has significantly reduced the amount of paper transactions and can efficiently match an applicant to available rental housings across multiple communities. Currently the system maintains a list of more than 130,000 applicants.

Technology used: Microsoft.Net with C#.Net and ASP.Net - SQL Server 2000