

# Stellar Corporation



Consulting  
with  
Integrity &  
Excellence

## 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 designed to grow and optimized to reduce risk factors while being 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 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 a large part of our business is serving state agencies, we are also equally committed to our private clients. Some of our clients are:

- Department of Revenue (Mass-DOR)
- Division of Local Services (Mass-DLS)
- Massachusetts Executive Office of Transportation (EOT)
- Department of Environmental Protection (Mass-DEP)
- Division of Unemployment Assistance (Mass-DUA)
- Massachusetts Housing Partnership (MHP)
- Massachusetts Office of Tourism
- CJACOBS Consulting, Inc.

Stellar is certified (**ITS33**) by Massachusetts as a Technical Specialist and is a minority owned business (**MBE**).

Stellar introduces an economical forms based product - **Townforms™**. This product provides a highly effective digital solution, which eliminates paper forms related to town permits, licensing etc. and with detail tracking of all activities. Please visit our web site for details.

Technology  
Made  
Simple



Consulting  
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## EXPERIENCE

The Stellar family of dedicated software professionals is widely experienced, educated 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 or beyond expectations. Over the years, we have earned the reputation of being a reliable solutions provider. 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.

We specialize 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.

### CONSULTING PRACTICE

- Customized Software Development
- Business Process Analysis & Reengineering
- Technology Migration

### APPLICATION AREAS

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

### TECHNOLOGIES

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

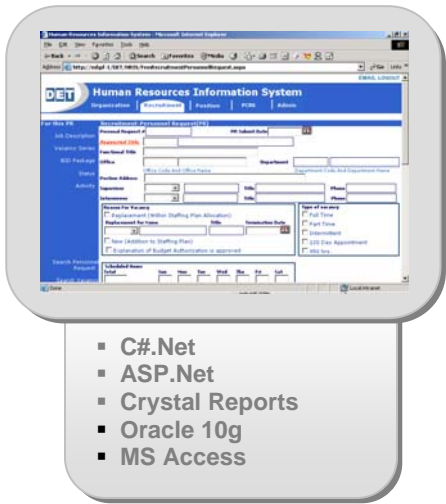
...And We  
Deliver

**Stellar Corporation**

Information Technology Consultants

**PROJECTS**

- **DWD – HUMAN RESOURCES INFORMATION SYSTEM**  
*Division of Workforce Development, Massachusetts*
- **Reengineering of existing system**



Stellar developed the Human Resources System at Massachusetts Department of Workforce Development. Existing FoxPro based application was studied and analyzed in order to streamline the business process to finally develop an enterprise solution.

Study and development was done at Stellar's office in Lexington working closely with the DWD IT and HR personnel.

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

The system has a sophisticated workflow component that helps managers track the recruitment process.

At the end, the system has helped the Department increase it's efficiency, removed paper-based tracking and achieve departmental hiring goals.

- **DLS – GATEWAY SYSTEM**  
*Department of Revenue, Massachusetts*
- **Community facing eGovernment project**

Stellar developed the Gateway portal for Department of Revenue/Division of Local Services intended for use by the 352 communities in Massachusetts. Gateway allows the communities to submit the Tax Rate, Property Sales Data, Schedule-A data etc to the state for approval. The system also calculates the Local Aid distributed to the communities. In addition to external data from communities, the system also incorporates applications for internal users such as the Legal Department, IT Department etc.

The system has a sophisticated workflow and highly granular security that enables town administrator to manage internal users without involving the Department of Revenue resources.

The Gateway is emerging out of its pilot phase and slowly making a wide scale impact on the information exchange between the state and local governments. It replaces a lot of paper form usage, mailing of media with data etc. with online data entry and improved tracking and accountability of information.



**PROJECTS**

**• DLS – CITY/TOWN OFFICIALS’ DIRECTORY**

*Department of Local Services, Massachusetts*

**• Public use eGovernment Project**

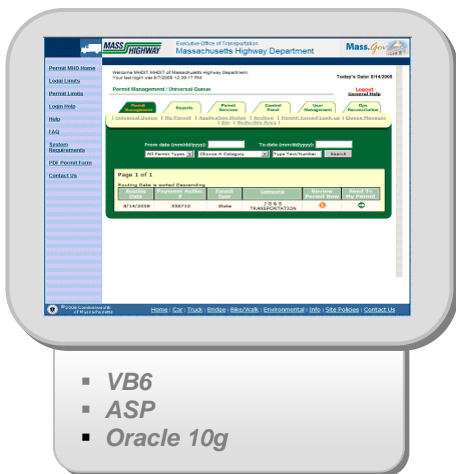
Stellar designed, implemented and deployed a web-based system to add/modify/maintain contact related information for all city/town officials in Massachusetts’ 352 cities and towns. This project has been developed on-site in coordination with Department of Revenue (Massachusetts Information Technology Center, MA).

The local officials directory is hosted by the state. However, each individual community accesses and updates the information, which ensures availability of the latest information to the public and other external agencies without any significant data entry by a state department personnel.

This system is located in the [www.mass.gov](http://www.mass.gov) website and is heavily used as it is a great tool for anyone trying to locate a city/town official. It also helps create mailing lists by exporting the address data in an Excel format.



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**• MHD – TRUCK PERMIT SYSTEM**

*Massachusetts Highway Department*

**• Online Truck Permits**

MHD planned to replace its paper based Truck Permits and developed an online permit system for truck operators. However, the system faced some technical roadblocks and Stellar Corporation was invited to analyze and fix the problems. Stellar personnel identified and resolved the issues to successfully launch the system. At present the system is being maintained by Stellar.

The Truck permit system greatly benefits the Truck operators who had to earlier obtain the required permit by filling a paper form in person that they can now complete online. At the same time, the introduction of this system also releases valuable MHD resources required at the counter and for data entry.

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**PROJECTS**

- **SOFT SECOND LOAN PROGRAM (eS2)**  
*Massachusetts Housing Partnership*
  - **Online Mortgage Subsidy**

Stellar Corporation has developed an Internet based system (eS2) for the administration of Soft Second Loan Program. By utilizing Federal and State funds this program provides subsidies to eligible first time homebuyers in Massachusetts.

The system has an automated loan approval process is based on business rules that can be customized by MHP depending on business needs. Es2 also manages subsidies over the lifetime of the loans and manages the various fund sources that are utilized for providing the subsidy.

The eS2 system has almost completely removed a substantial data entry requirement by MHP personnel. It also provides participating Boston area banks with web-based mechanism to submit loan requests online, get approved immediately and track the loan. As such, in addition to MHP internal users, eS2 has been widely appreciated by users from participating major banks.



- **DEP – eGOVERNMENT PROJECT – Drinking Water Program**  
*Department of Environmental Protection, Massachusetts*
  - **eGovernment System, Business to Government**

As part of the Massachusetts eGovernment initiative, the Drinking Water Program allows bulk data transfer of water quality testing data from the private laboratories to DEP.

The system accepts text data, validates it based on XML based rules, and converts the data to XML before storing it to DEP enterprise Oracle database. The system also has features like Automated receipts to submitters and alert mechanisms based on user defined rules for DEP internal users to track discrepancies.

The introduction of this system has freed up DEP environmental resources from voluminous data entry to strategically more important work thus benefiting the community as a whole.

A similar project (EMORS) was subsequently awarded to Stellar and successfully completed that allows Hazardous Waste material haulers to report their monthly activity.

