



# SATURN SYSTEMS

"Solving Complex Business Issues through Software Engineering"

## E-Commerce Case Study: Social Network Fundraising

**Overview...** Saturn Systems was contracted to design and develop a suite of applications to provide fundraising services to non-profit organizations and their event participants. The purpose of the system was to allow online registration for charitable events, and offer a user-friendly, yet versatile means for fundraisers to create a personalized web site for collecting and reporting ongoing donations.

To do this effectively, the system had to allow for quick and easy fundraiser registration and dynamic web site creation. It would also need to provide a flexible template management system enabling organizations to maintain a consistent branding across the many individual fundraiser web sites.

Integration with existing payment transaction software and an online and desktop fundraising tracking application were key requirements.

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***"To be effective, the solution had to allow for quick and easy fundraiser registration and dynamic web site creation."***

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**Solution...** The vendor provided a comprehensive set of functional requirements derived from extensive research with potential customers. Saturn analysts worked closely with the customer to develop a database model, and supporting components to compliment the function and display specifications. The resulting solution required a diverse set of technologies including a web site handling role-based administration at the system, non-profit and fundraiser level. Also required were supporting business class libraries, a desktop application,

Web and Windows services for integration and synchronization with the existing support systems.

**Results...** The solution solved the immediate issues as requested, and was engineered to ensure users in each administrative role could manage their tasks efficiently and autonomously. Donors browsing event web sites discover a personalized presence for each fundraiser where donations are easily accepted and reported, within a display framework that maintains the professional appearance desired by the non-profit organization.

### **Technologies...**

Technologies used on this project include:

- Microsoft .Net
- ASP.Net and AJAX Methodology
- Web Services
- Windows Services
- Microsoft SQL Server

**About Saturn Systems...** Saturn Saturn Systems is a national provider of software engineering solutions in the areas of device integration and enterprise technologies through our Rural Outsourcing business model.

Since 1990, Saturn Systems has created success through innovative application of technical expertise, a disciplined approach to project management, and a command of emerging technologies. Saturn Systems is a private company headquartered in Duluth MN, USA. For more information, visit our web site at [www.saturnsys.com](http://www.saturnsys.com). *Outsource To America!*