



SATURN SYSTEMS

"Solving Complex Business Issues through Software Engineering"

Enterprise: Minnesota State Workforce Centers

Situation... The Minnesota Department of Employment and Economic Development (DEED) contracted Saturn Systems to design and develop an enterprise suite of applications to track attendance and service usage at 49 Workforce Centers across the state. The goal was to help the agency properly plan and allocate resources as well as justify funding of its programs to stakeholders. To do this effectively, the system needed to allow quick, easy client registration and a flexible, secure means to survey clients about their experiences.

"A challenging list of requirements required significant creativity to develop a workable, cost-effective solution."

Approach... Saturn Systems worked closely with DEED stakeholders, carefully designing the Customer Registration System (CRS) to meet the needs of a diverse clientele, Workforce Center operators, DEED management, and agency sponsors. The resulting solution required a diverse set of technologies designed and proposed by Saturn Systems. These included desktop applications, web services, administrative Web access, ID card printing, bar code scanning and complex reporting.



Results... The solution not only solved the immediate issues as requested, but was engineered to allow centralized installation and updates of

software. The result is that changes to the client interface can be made by DEED staff and do not require any additional programming effort.



Technologies... Technologies used on this project include:

- Microsoft .Net
- Microsoft SQL Server 2005
- Symbol Handhelds/Windows CE
- Zebra Barcode Printers

About Saturn Systems... 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. *Outsource To America!*