

State/Local Government Case Study – NY State Teacher’s Retirement System (NYSTRS)

Project/contract related information:

Agency name

New York State Teacher’s Retirement System

Address of agency

New York State Teacher’s Retirement System
10 Corporate Woods Drive
Albany, NY 12211-2395

Period of performance

Start Date: 11/29/01 to End Date: 6/7/02

Value of Contract/project

\$200,000 (Approximate)

Description of project and Tools used for project.

Name of Project: NYSTRS Web Site Development

Scope of Work:

Responsible for all phases of development including requirements analysis, project planning, design and development, and unit/integration testing. The purpose of this project was to develop a suite of applications that would enable a state retirement system organization to meet their objective of providing web-based services to their active and retired members.

Accomplishments:

- Converted applications from PERL to Java and developed new Java applications to enable authenticated users to use an online pension calculator and to retrieve dynamic data (account information) from RDBMS and CICS/Mainframe systems
- Developed applications that would allow authorized retirement system staff members to access and administer user accounts
- Additional applications integrated web-based services with existing back-end business processes
- All of the applications were deployed on secure WebSphere Application Server systems on the retirement system’s network
- Application design and development was carried out according to IIC’s ISO 9000 registered QMS using Rational UML
- Additional services provided as part of this project included formal training, mentoring, and comprehensive user documentation

Results of Engagement: Work was finished ahead of schedule to client’s complete satisfaction

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Technologies:

- LDAP – IBM SecureWay v.3.2
- Java - VisualAge for Java v.4.0
- WebSphere Application Server v.4.0, Advanced Edition
- IBM DB2 UDB v.7.2.1
- Rational Rose Enterprise Edition
- Sybase ASE 11.9.2.4
- Microsoft IIS v.5.0
- Visual Basic