

## **Financial System Development**

**Client:** A leading national fund management enterprise in China

**Project:** Transfer Agent (TA) System Development

**Project Description:** TA system manages fund purchasing activities. Client required development of several new features to adapt to recent changes within the client's market landscape.

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| <b>Scope of Work</b>               | Test/Feature Driven Software Development and QA Testing  |
| <b>Technology/<br/>Environment</b> | <ul style="list-style-type: none"> <li>• System Structure: Client/Server</li> <li>• Database: Oracle</li> <li>• Operating System: Unix</li> <li>• Middleware: Tuxedo</li> <li>• Programming language: C++, VB</li> </ul> |
| <b>Project Duration</b>            | 4 months   |
| <b>Team Size</b>                   | 1 PM, 3 developers and 2 testers   |

### **Challenges**

- System development required Tuxedo expertise.
- Financial knowledge is required to implement this project.
- Real-time application imposed critical performance requirements on project acceptance.
- Requirements changed throughout the project's execution phase, requiring extensive management, speed, and adaptability to deliver an acceptance compliant solution.
- The target application is integrated with other applications concurrently developed by other vendors, which created the need for us to work closely with other companies.

### **Solutions**

- Assigned a project team composed of one (1) project manager with 10 years of development experience and one (1) senior developer with 15+ years development experience. The team acquired Tuxedo expertise and independent self-paced study and training.
- Special financial training was arranged before project kick-off.
- Performance tuning was executed and performance increased by 20 percent.
- The AGILE/SCRUM methodology was used to accomplish this Feature-Driven project.
- An efficient communication system was used: the dedicated PM was the single point-of-contact with all stakeholders and managed the project's schedule, requirements, specifications, and deliverables.

### **Results**

- Project was completed under-budget and 20% ahead of schedule.
- The client was exceedingly pleased with the project quality.
- Beyondsoft continues to provide maintenance and support in addition to the features development activities.

*Client's reference available upon request*

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