



THE CHALLENGE

Japan Information Processing Service expands presence in financial services industry through rich client interface and powerful open source framework

Japan Information Processing Service Co., Ltd. (JIP) provides software and services for the financial services, government, education, and enterprise markets. In the financial services markets, JIP's most notable offerings include its Electronic Commercial Paper (ECP) System and its General Bond Transfer System, which are regarded as the de facto standards for financial institutions in Japan.

Eager to update these systems while eradicating software maintenance issues, JIP began a thorough search for a vendor that would deliver a flexible, open and easy to use rich client interface for its next-



JIP Financial Securities System

generation Financial Securities System – Renova. A key requirement was the need for the client to support JIP's strategy to transform its existing host system to an open environment.

The January 2009 release of Renova will complement JIP's existing systems for financial securities and integrated retail banking management that JIP plans to introduce its Renova Financial Securities System to its existing host system users as well as 50 banks over the next four years to further strengthen the risk management capabilities of financial institutions.

THE SOLUTION

Nexaweb's Enterprise Web 2.0 Suite

Based on systems integrator Hitachi Systems and Services, Ltd.'s proven experience with large financial institutions, JIP worked with Hitachi to select a technology vendor for its application transformation. Together, Hitachi and JIP conducted an extensive evaluation process for a vendor that would quickly and cost effectively deliver a rich client interface supported by a powerful engine that would meet JIP's requirements. These core requirements included:

- Minimal installation time
- High flexibility
- Fast and cost efficient software development
- Open development framework

After evaluating several vendors, JIP and Hitachi selected Nexaweb Technologies for its ability to meet the company's selection criteria and support JIP's front- and back-end requirements for a highly flexible and versatile development environment based on the Struts open source application development framework.

"While we did have an existing framework which could have been updated and customized using Ajax, we selected Nexaweb because it offered a shorter development cycle while allowing our team to easily create rich applications through a flexible IT infrastructure that will meet our current and future business needs."

Mr. Yoshihiro Morinaga
Architecture Manager
Japan Information Processing Service

CASE STUDY

Japan Information Processing Service

FAST FACTS

- *Year Established: 1962*
- *Head Office:
1-8-1, Kayabacho
Nihonbashi
Chuo-ku, Tokyo*
- *Capital:
2,460,000,000 Yen*
- *Employees:
1,206 (as of April, 2006)*
- *URL: <http://jip.co.jp>*

THE RESULTS

The combination of Nexaweb and Struts provides JIP with an easy to use and powerful infrastructure to support its sophisticated back end functions. Additionally, it offers a seamless and consistent view of information throughout the organization.

While Renova was being developed, JIP was also entrenched in another high profile information technology (IT) project. The parallel project was the integration of its General Retail Bank Management (RB) systems within the personal loan review business. For consistency and ease of use, JIP decided that the best course of action was to create a rich client for the RB that would be similar to the Financial Securities System using Nexaweb.

Short-term development with long-term payoff became an essential condition for both projects as the Financial Securities System was scheduled for release three months before the integrated RB. And since the projects complemented each other, any development delays would have a domino effect on JIP's overall business and IT strategy.

"Being able to create rich applications through Nexaweb on the client side held many advantages for the developers. We've realized significant efficiency gains because there is no need to learn or depend on the language of an independent vendor. The Eclipse-based development environment is easy to use and complex screen transitions can be designed simply and edited visually leading to a very high level of satisfaction."

Mr. Kazuki Kurahashi
Project Manager
Japan Information Processing Service

While faster development cycles were critical to JIP, Nexaweb also eliminated the need for the end user to install software or plug-ins. With Java on both the client and server side, Nexaweb's server push function enables JIP to quickly distribute timely information to the end user – a critical factor for JIP in terms of reliability and efficiency of its Financial Securities System.

Using Nexaweb and the Struts framework, JIP has realized short-term rapid development which kept the release of its Financial Securities System and integrated RB on track with the company's planned strategy. Additionally, technology from Nexaweb allows JIP to run the same application in different environments further supporting rapid application development throughout the company. Catering to the needs of its diverse customer base, JIP will also be able to use technology from Nexaweb to support a future ASP offering while reusing their existing technology.



nexaweb

Nexaweb Technologies, Inc.
One Van de Graaff Drive
Burlington, MA 01803

Phone: (781) 345-5500
Fax: (781) 345-5501

www.nexaweb.com