



ENTERPRISE PORTAL

Federal agencies struggle to assimilate, manage, maintain, and present information to its various departments easily. Typically, this information is spread across multiple programs and systems integrators. One of the difficulties in managing this wealth of information is ensuring that appropriate and accurate records are reported to the United States Congress for compliance, funding, and personnel purposes.

A federal agency engaged Vizuri to assist in the development of a comprehensive portal design to be used by agency employees worldwide.

The agency previously used a complicated combination of multiple vendors – each base had its own client server system. Information was gathered and maintained using stand-alone Web applications that forced users to continually navigate between different websites to manage data. Users frequently had too much or too little access.

This presented security and efficiency concerns as employees had to sift through sites to determine what was applicable. In addition, the previous system was not structured to support a service-oriented architecture. The disjointed environment was costing the agency a tremendous amount of money and employee time.

Vizuri's work with the agency focused on modernizing and standardizing the infrastructure to enable greater agility at lower IT costs.



The existing Cold Fusion-based environment had proven costly and inefficient. The agency needed an integrated, standards-based approach to unify IT systems worldwide. To achieve this goal, Vizuri chose JBoss Portal to integrate disparate components and to define applications as portlets within the portal. This would allow for easier user access and enhanced security.

Vizuri also deployed JavaServer Faces (JSF), Hibernate, and Enterprise Java Bean 3.0 (EJB3) to support the portlets and simplify the development of user interfaces for Java EE applications.

The agency is now also using JBoss jBPM to view workflow graphically and automate approval workflows – it reduces paperwork and time constraints for employees.

Vizuri integrated DoD Common Access Card (CAC) authentication within the JBoss Portal that provides an integrated single sign-on to users.

Solution Platform

- JBoss Portal
- JBoss Clustering
- JBoss Cache
- JBoss Messaging
- JBoss jBPM
- Oracle IdM
- Oracle 10g RAC
- Red Hat Enterprise Linux

Solution Outcome

The federal agency has achieved a standards-based integration architecture for all third-party vendors and technologies. A unified Oracle IdM solution coupled with an x.509 PKI CAC interface provides user provisioning, authentication, and authorization in a single portal.

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