

JAVA Competency Case Study



WhiteHedge Technologies

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“100 % customer retention over the years speaks everything about WhiteHedge!”

About Our customer

Our customer is a US based company focused on providing biometric security software systems. Our customers' solution enables its clients to implement an enterprise level biometric authentication. The solution is a complete turnkey answer, providing biometric authentication for network based applications with enhanced functionality. The solution has a broad appeal across industries considering the network security, scalability and complexity concern.

Our customer's Business Challenge

- ❖ The solution was going to play a critical role in network security management. Therefore, integrating this solution with the legacy system was important. The solution had a problem at integration level.
- ❖ It was not possible to test solution's usability and application support with multiple servers and databases to suit clients' requirements.
- ❖ Our customer wanted to enhance its solution capabilities in short span of time. Therefore, time to study and understand was very minimal.

WhiteHedge Strategy the Solution

WhiteHedge considered the core requirements and business constraints and designed a strategy to make the solution more competitive and reliable.

- ❖ WhiteHedge approached for Proof of Concept and R&D to prove its point and win our customer's confidence
- ❖ Specific component architecture was re-engineered to improve application performance and integration to deliver more value to the end user.
- ❖ Tested the application on multiple application servers and databases such as Tomcat-SQL Server, WebLogic-Oracle and WebSphere-DB2; in multiple test environments.
- ❖ Introduction of JMeter to auto-mate testing activity.

“The most exceptional thing about WhiteHedge is its people!”

Technology Usage

Team Size:	5
Experience range of the team:	Around 6 to 12 yrs.
Technologies:	JDK 1.5, Struts, JSP, AJAX, Tomcat 5.5, WebLogic 10.2, WebSphere 6
Database:	SQL Server 2005, Oracle 10g, DB2
Tools:	InstallShield 12, JMeter, Serena ChangeMan Version Manager, Eclipse 3.1, JBuilder, JUnit, etc.
Domain:	Biometrics
Services:	Product Maintenance and implementation

WhiteHedge Advantages to the Solution

Here are some of the major advantages WhiteHedge delivered to the customer -

- ❖ WhiteHedge provided its expertise to improve the solution performance and implemented new ideas to improve the same.
- ❖ Despite of the short release schedule, WhiteHedge team roped in speedily and delivered the project successfully to minimize our customer's cost pressures.
- ❖ The solution was integrated successfully with different legacy systems and with finger print scanner devices.
- ❖ WhiteHedge implemented the solution on premises to test it on business, functional and technical parameters.
- ❖ After taking the project it was realized that all requirements and documentation is scattered and lot is incorrect. WhiteHedge went out of way and corrected all of the documentation and gave our customer a structure to document project related processes.

WhiteHedge was successful in aligning with our customer's business and technical requirements, which resulted in extending the relationship to deliver the solution roadmap and implementation responsibility.

About WhiteHedge

WhiteHedge Technologies is an end-to-end software services and solutions provider to global clients with operations spread across US, Europe and India. WhiteHedge has a team of professionals with expert level experience in various technological and functional domain areas. WhiteHedge offers various engagement models to get engaged with the clients to deliver better business value proposition.