



DTS Customer Case Study

Software Development

Need:

A leading automotive manufacturer based in Michigan needed assistance to design and develop Java/J2EE based purchasing systems.

Solution:

DTS staff provided design and development services for Global Procurement Supply Information System (GPSIS) that is a single stop portal of procurement systems for buyers integrating 26 procurement applications. The system provides buyers the ability to evaluate and track supplier price, performance, and quality. With these tools the buyers can qualify and pre-qualify suppliers bidding on RFQ's. The system integrates RFQ generation and submission with P.O. approvals.

DTS staff was responsible for designing and developing a Role based security model to allow the system developers to provide a seamless integration of functionality to the system as additional modules were added. Our staff reviewed all application enhancement requirements to ensure the usage of existing infrastructure common components and identified enhancements to the core components. DTS staff worked with the Business Unit to establish priorities and component deliverable timelines. Our team was also responsible for planning and estimating change requests. Our staff managed, directed and mentored infrastructure staff in developing and maintaining the core common components. Our team introduced JUnit testing to the development team to improve software quality.

Benefits:

Streamlined purchasing processes, informed buyers resulting in reduced costs and better supplier performance. GPSIS won the TDWI (The Data Warehouse Institute) Best Practices award in 2007.

If you would like to know more about this case study or DTS capabilities, please call (248) 432-2611 ext 101 or email: stalluri@dts-it.com.