



## DTS Customer Case Study

### Software Development

#### **Need:**

A leading automotive financial services company based in Michigan needed assistance to design and develop Java/J2EE based lease remarketing systems using Web services and Service Oriented Architecture (SOA).

#### **Solution:**

DTS staff provided architecture, design and development services for "Remarketing Web" project, which web enables Lease extension, Retail conversion, Lease Payoff and self-inspection of a vehicle. This project also includes serving electronic documents in PDF format (contract, lease addendum etc) that require electronic signatures.

Our staff is responsible for devising web services security and strategy. Developed all the web services required for the project. Our team worked with security and legal teams to identify security and legal requirements. Reviewed and performed gap analysis on various COTS products that can meet the needs. Designed an enterprise electronic document solution that meets legal and security requirements for the electronic signature. Re-engineered Remarketing Web by eliminating one unnecessary middle tier by consolidating two layers of web services/ Message Ques (MQ) into one level of web services. Responsible for performance tuning the existing remarketing site and improving the system performance. Improved the performance of one web service call from 40 seconds to 500 milliseconds.

#### **Benefits:**

Web-enabled Remarketing services solution that enables users to transact online using electronic documents resulting in reduced transaction processing time and cost.

**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](mailto:stalluri@dts-it.com).**