

DMV Case Study: Mobile Friendly Vehicle Registration Renewal

Customer Need

Expand the existing AMCKTS Stockton Plus system running in over 122 field offices to all Field Offices across the state. Enhance feature and functionality to include fingerprint authentication, 30 new test languages, and new modules for Driver Safety, Occupational Licensing, and California Highway Patrol.

Solution

Utilize existing 3-Tier J2EE Architecture: Application was built using Presentation, Application and Data Access Tiers to accommodate additional traffic, languages, modules, and authentications. Key features include:

- Fingerprint and secondary authentications to reduce fraud even further.
- New test administration features
- New questions/answer pool management features
- Separate modules for other partners like Occupational Licensing, California Highway Patrol, and Driver Safety

Team Composition

- Project Manager, Software Architect/Java Developer, Business Analyst, Tester

Tools/Technologies Used

- Java/J2EE , Struts, JQuery Mobile, TIBCO Business Works, IBM DB2 and Rational Requisite Pro