

Environment Refresh

case study

FraudProtect™ — Thick Client Application to Web 2.0 Distributed Solution

Mitek Systems, Inc., a Pattern Recognition and Image Analytics solutions company, engaged with Neubloc to convert an existing thick client application — FraudProtect™ (FPS)— to a new Web 2.0 distributed web solution. FPS is an enterprise software solution that enables financial institutions to catch identity theft by scanning and screening checks for forgeries and counterfeits. Using user-defined business rules, FPS compares incoming images against valid images, and then scores (i.e., computes confidence values) for each image to determine whether a check is potentially fraudulent. FPS allows an operator to quickly review any checks FPS flagged as suspicious, and make pay/do not pay decisions.

Neubloc’s user interface design and engineering teams ‘refreshed’ the existing thick client application to behave within a Web 2.0 environment (Ajax) to mirror and improve existing functionality and performance, as well as add new value-added features. New features include the ability to view vital information — such as batches of scanned checks that have been scanned to current check statuses — across multiple branches associated with a large banking institution. Users can view how many checks have been identified as suspicious, how many have been reviewed or not, and the decisions that have been made associated with a single branch or across branches. In addition, administrators can assign a specific role-type to each user account to manage access rights, views, and functionality.

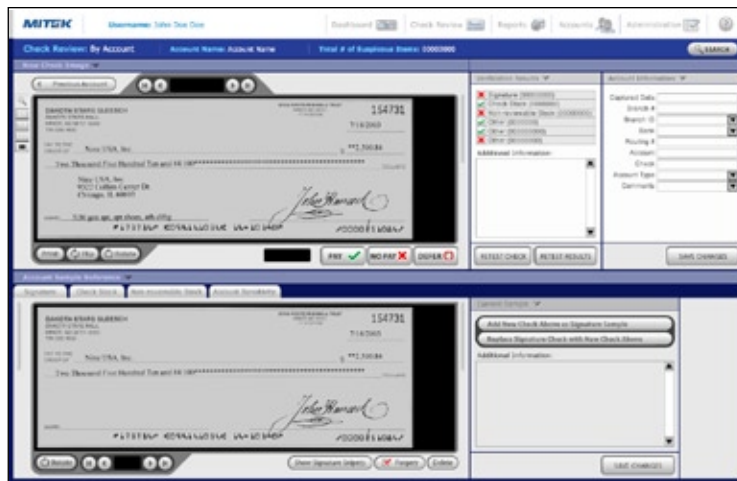
Project Summary

Project Goals

- Create ‘distributed’ software solution
- Design and develop web 2.0 application to behave similar to thick client app

Skills and Resources Required

- User requirements gathering and UI specification
- Graphic user interface design
- .NET (C#, ASP.net)
- Ajax
- Microsoft SQL Server & Oracle



Above: The FPS Check Review screen, using Ajax, enables users to quickly scan a check, rotate and resize them, compare them to sample references, and make a decision based on the check’s authenticity without ever refreshing the screen.

Right: The new dashboard feature provides a view to vital check information, such as check status totals, batches scanned, and analyzed checks details at the branch level and across branches.

