» Company Background

- Clayton Homes has helped people buy manufactured homes since 1934, building more than 1.5 million homes and winning multiple awards for design and construction.

- Clayton Homes has, sold, financed, leased and insured manufactured and modular homes as well as relocatable commercial and educational buildings.

- More than 12,000 team members, 35 home building facilities and more than 1,000 home centers.

- Financed more than 325,000 customers and insured 160,000 families.

- Clayton Homes specializes in financing for manufactured homes. They have been in business for over thirty years and currently serviced over 290,000 loans.

Our Manufactured and Modular Homes

» Business Needs

- "Collection" is a system which enhances the ability to manage the entire lifecycle of the customers purchasing/selling homes at Clayton Homes. It creates an end-to-end value proposition, which is comprised of target marketing, credit decision making, account acquisition, account processing etc. In order to make this system more useable, Clayton Homes needed to revamp the look and feel of the 5250 screens they used.

- Improvement in usability of the application will help employees focus more on core business functions rather than facing inefficient utilization of time with less usable system(s).

- Training budget needed to be minimized and utilized towards better and more effective sales & marketing campaigns.

- The enterprise development team wanted to add new tools for screen modernization to their software profile in order to accomplish the new and varying business needs.

» Key Technologies Used

- **Rational Application Developer**

- **IBM Rational HATS**

- **Java & JavaScript**

- **HTML**

- **CVS**

- **Mantis**

- **SharePoint**

» Business Problem Case

- A better look and feel, a more usable, navigable and an easy to learn application guarantees more business and better productivity, hence screen modernization should be done.

- Web based (enabled) modules will provide the users virtually 24/7 connectivity using just any machine which has a simple browser, hence major mainframe screens should be considered for web-enablement.

- The budget and efforts required for training new people on how to use green screen environment is very high, and it is very difficult for new people to learn it in a time efficient manner.

- Navigation scheme to accomplish a task in green screen environment is difficult and time consuming.
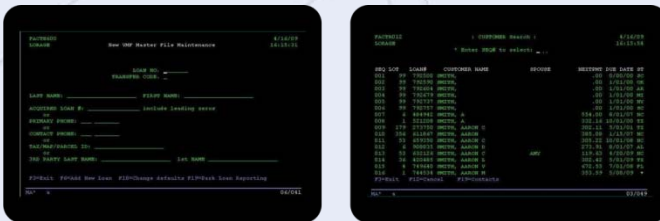
» Solution (IBM Rational HATS)

- With a much better look and feel, IBM HATS designers came up with hyperlinked menu options to replace the tedious multi-screen navigation to accomplish simple tasks.

- Major screens constituting the core business functions from the mainframe were designed to become web-enabled using HATS advanced screen scrapping mechanism.

- Advanced Tabbing mechanism and Scrollable regions were used to combine multiple screens and the data within them, in to single screen for various business processes

- A user friendly interface was created using radio buttons, drop down menus, replacement of function keys with buttons hence creating ease of use for the end users
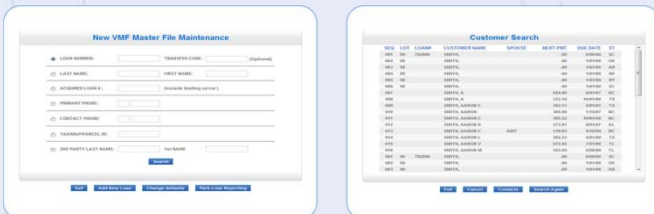
» Achieved Project Milestones

- Project Level Templates
- Menu Macros
- Navigation Macros
- Complex widget utilization
- Advanced Screen Customizations
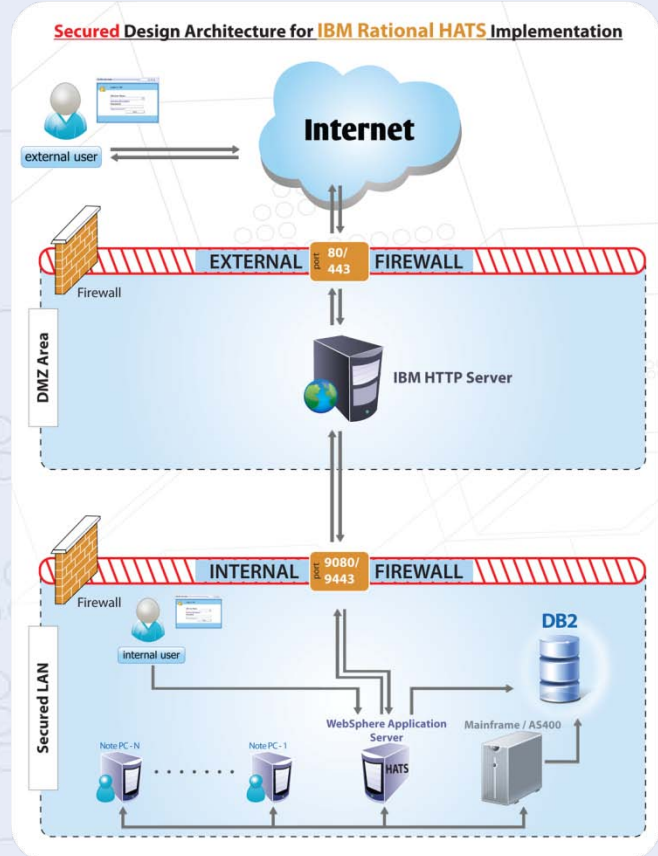- Screen Combinations
- CVS Setup

» Master Tab Mainframe Screens

» Master Tab Web-Based Screen

» Design Architecture

Secured Design Architecture for IBM Rational HATS Implementation

» Business Benefits

- Easy and user friendly access to the application guarantees elevated productivity with increased business

- Savings from the Training cost are huge

- Improved efficiency is guaranteed using a rich GUI with better look and feel

- Navigation among the tabbed screens saves a lot of time and energy that can be re-utilized in other parts where it is needed more

- Increased productivity using the new robust application