» Company Background

- Gulistan is a premium manufacturer of fine residential and commercial carpets.
- Gulistan Carpets founded in 1899
- The company produces residential and commercial carpets under its own name and under the American Lifestyles brand, as well as under private brand names.
- Gulistan has the workforce over 500 members that operates facilities in North Carolina

Fine Carpets Since 1924

» Business Needs

The requirement was to convert Gulistan iseries system to provide an easier and more robust customer portal for Gulistan dealers and this new system was providing the following features:

- Quick snapshot of recent orders and invoices on home page
- Clickable orders and invoices for order detail and copies of original invoices
- Easier to use graphical Order Entry
- New option to reserve inventory
- Sample ordering
- Sample order status
- New Account Summary provides detailed financial information
- Invoice inquiry selectable by P/O, Invoice #, or date range
- New export options for pricing: Excel, E-mail, or PDF
- Claims status inquiry
- Detailed product specifications
- Customizable user options

» Initial Steps

- In depth analysis of the current system
- Proposing the IBM Rational HATS for converting the current system in modern web enabled application
- Created Gulistan Template with drop down menus and excellent look and feel
- HTML Proof of Concept (POC) created for few most important and complex screens
- Proposal accepted by the client
- The Project Plan created and followed strictly
- Received positive feedback from client.

» Solution (IBM Rational HATS)

- Excellent Template was created with drop down menus with excellent look and feel
- Advance screen customization was used to give the complex screens good look and feel
- Macros were used to create Menu Macros that greatly improved the navigation between multiple screens.
- Advanced screen combination used to adjust the multiple screens data on a single page for different screens
- Using the HATS application hosting capabilities a highly available & secure hosting solution was accomplished.
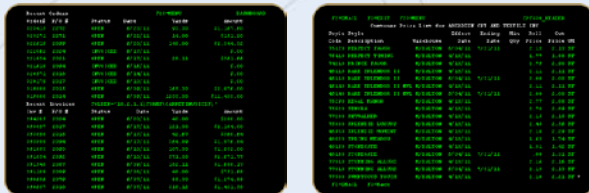
» Business Problem Case

- Improve and customize workflow and application navigation for retaining the existing dealers and also attract the new dealers.
- Providing the web-enabled application, compatible with multiple browsers so that it can easily be accessed from anywhere.
- It is much easier for end user to use web-based application running in browser as compare to the green screen environment, thus this will reduce the training costs and also give more satisfaction to the end user.
- Fulfillment of the goals in budget constraints.

» Achieved Project Milestones

- Menu Macros
- Navigation Macros
- Screen Customizations
- Screen Combinations
- CVS Setup
- Necessary Knowledge Transfer to i-Series Developers
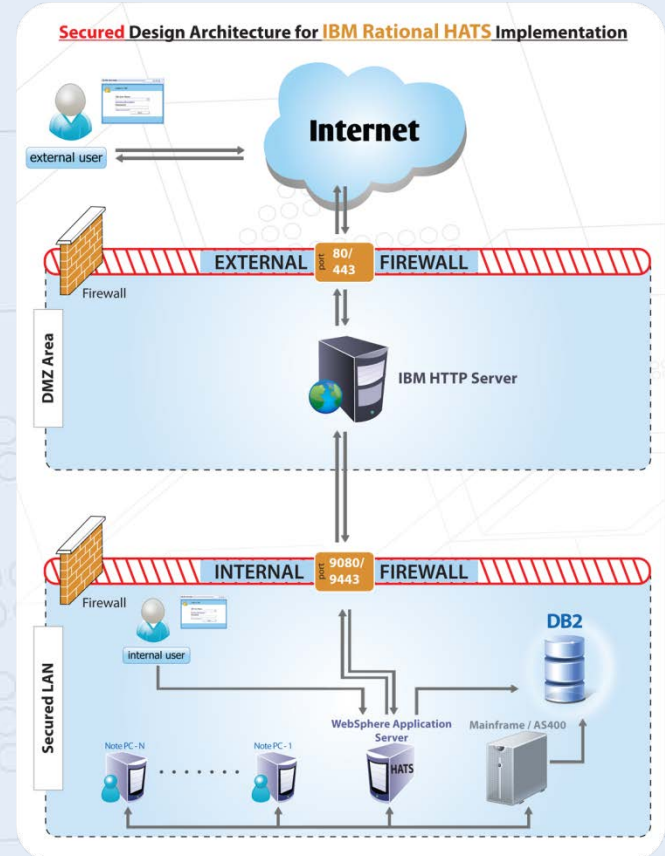
» Master Tab Mainframe Screens

» Master Tab Web-Based Screen

» Design Architecture

Secured Design Architecture for IBM Rational HATS Implementation

» Business Benefits

- Excellent look and feel has increased the overall attraction of the Gulistan dealers
- Using of Macros has immensely saved a lot of screen navigation time without affecting the performance
- Increased productivity using the new robust application
- Achieving the highest level of interoperability among applications.

» Key Technologies Used

- Rational Host Access Transformation Services.
- Rational Application Developer.
- Cascading Style Sheets
- Java
- JavaScript.
- HTML
- CVS