## » Company Background

- Gartman was founded in July 1980 and has extensive knowledge & expertise in the business operations & information management Systems.

- The Primary focus is development, marketing and support of a comprehensive suite of information management systems needed by the wholesale floor covering industry.

- Gartman is absolute Contract programming firm.

- Custom programming and consulting services for IBM midrange systems and PC networks were provided for a variety of business and industry types, including manufacturing, distribution, construction, hospitals and service-based organizations.

- Gartman has been an IBM Business Partner since 1983.



*Gartman was founded by Laronne Gartman in July, 1980*

## » Initial Steps

- In depth analysis of the current systems.

- Proposing the IBM Rational HATS for conversion of the current system in modernized web enabled application.

- Created Gartman Template with left to right 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.

## » Business Needs

Gartman wanted to improve their employees` and customers` access to their mainframe-based application. To fulfill their need of:

- Analyzing Business Scales

- Tracking Profile margin

- Analyzing Sales

- Financial Reports

## » Business Problem Case

- Challenging to navigate 40+ screens quickly to make a decision

- Analyzing Tabular data not only consumes time but increases complexity

- Lack of Financial charts/graphs.

- Complicated application interface (screens) turns user(s) confused (or even scared).

- Green screen environment, its navigation & overall operation increases Learning Curve.

- Geographical constraints in the absence of Web-enabled interface.

- High threat from market rivals with cutting-edge technologies.

## » Solution (IBM Rational HATS)

- Dynamic Tree Menus using JDBC & SQL (DB2)

- Improved navigation controlled using Menu Macros

- Legacy system converted into modernized web 2.0 based interface

- TABs solutions – For quick navigation among 40+ screens with a single click.

- Graph/Financial charts - in place of Tabular data.

- Web presence eliminates geographical constraints

- Easily accessible via browser or Mobile.

- Decreased Learning & Training curve

- Boost user productivity & satisfaction

- Using the HATS application hosting capabilities a highly available & secure hosting solution was accomplished.

## » Achieved Project Milestones

- Menu Macros
- Navigation Macros
- Screen Customizations
- Screen Combinations
- CVS Setup
- Necessary Knowledge Transfer to RPG Developers
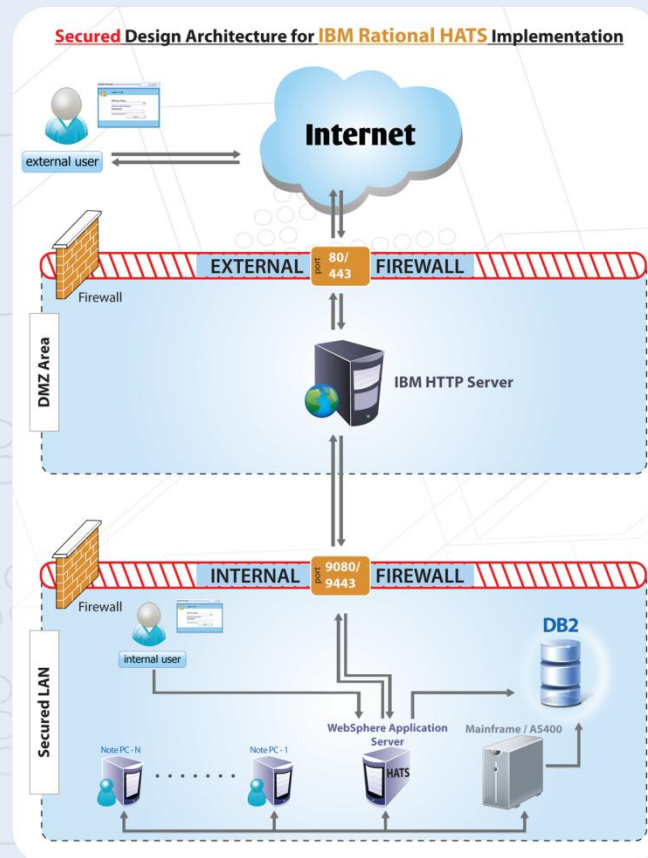
## » Dynamic Graph using HATS



## » Tabs were created to combine multiple screens into one



## » Design Architecture



**Secured Design Architecture for IBM Rational HATS Implementation**

*Secured Design Architecture for IBM Rational HATS Implementation*

## » Business Benefits

- Highly attractive, Excellent look and feel has increased the overall attraction of the Gartman dealers
- Use 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