

MODERNIZING A MAINFRAME TO HANDLE HIGH-VOLUME ORDERING DEMANDS

An American wholesaler improves service delivery with Mainframe Management Solution.

ABOUT THE CLIENT

The client is an American wholesaler of food and grocery store items. It is one of the largest privately held companies in the United States based on revenue, the largest wholesale grocery distributor in the United States.



CHALLENGES

- The existing system had constraints that would not allow it to sell items at a price or weight greater than 999.99. They had a logical layer that converted a single order into multiple orders before calculating the billing amount to address this limitation.
- Invoicing and billing required reverse calculation. It added overhead time and made the process complex and slower.
- The client lost customers due to system constraints.



SOLUTION

- Nsight's Mainframe Centre of Excellence (COE) evaluated the policies and strategies of the client. The team ensured coordination of the solution architecture.
- The team resized all the required fields across programs, files, and databases spanning their applications.
- The team performed a thorough impact analysis of the existing system before starting the design and development phases.
- The team automated the process with a menu-driven tool.
- During the analysis phase, the Nsight team discovered 2500 COBOL and Easytrieve modules affecting over 40 databases. They also uncovered the impact of 250 RPG modules.
- The team created a custom tool to understand the RPG codes, which significantly eased the analysis and understanding of the modules.
- Enabled a robust review process and assembled a Quality Assurance team to deliver the project on time with less than 5% errors.
- Central repository for Mainframe knowledge base was available and accessible.

NSIGHT ADVANTAGE

Successful track record of delivering software innovations.

Best practices based on the latest modernization trends.

Combination of the right people, approach, and tools.

Agile and flexible delivery models.





BUSINESS BENEFITS

- Optimized system and application performance.
- Lowered Total Cost of Ownership (TCO) and operational expenses.
- Increased productivity with a faster Integrated Development Environment (IDE).
- Improved agility and interoperability with the modernized mainframe.

