

Case Study

Client



**A MAJOR MULTI-NATIONAL
GROCERY RETAILER**

This international client owns several chains of grocery store brands in the US and in Europe, holding high market positions with a significant potential for profitable growth and a portfolio of investments in mature and emerging markets.

UltimoSoft has been engaged to architect a comprehensive framework for replacing existing IBM messaging and business application software with a cost-saving, long-range solution that provides all-inclusive scalability for enterprise-wide innovations going forward, while retaining critical data across intercontinental locations and diverse networks (headquarters and stores).

UltimoSoft resources have engaged and are currently working on-time and within-budget to lead and deliver solutions to facilitate these enterprise-level integrations. The engagement will have an end-to-end impact on every phase of the client's daily operations.

Challenges:

- Legacy COBOL program(s) used for file transfer to/from 600+ stores in the US
- System used for transferring pricing, catalog, and POS data
- Must run on all in-store systems and at HQ
- Client will be replacing HQ and in-store infrastructure for all 600+ stores on this project timeline

UltimoSoft Solution:

- Generic, flexible, extensible, and scalable file transfer service
- Effective network: usage, managed, intelligent, message-based file transfer
- File Transfer: support single/multiple destinations
- File Transfer: support publish/subscribe & point-point
- Pre-Processing: compress, encrypt, others
- Post-Processing: de-compress, decrypt, move, others
- "Process Once" / "Fire and Forget" framework: publish once, write everywhere
- Centralized monitoring: using Hawk O-O-T-B and custom rule-bases together with custom enterprise management and custom-design passive applications monitoring services
- Error-handling and rescheduling of failed transfers
- Highly scalable performance, and peak-period capable

**CLIENT'S GOALS
(Enterprise Transformation):**

- » Technology refresh of an Enterprise Wide-Managed File Transfer System
- » Replace MQ-Series infrastructure with more cost-effective solution
- » Major initiative to replace all HQ and In-Store-Processor applications
- » Enterprise Service Bus and SOA Architecture lay the groundwork for all future ESB/SOA and EAI initiatives
- » Establish best-practices for Architecture, Design, and Implementation of core systems at the client-based upon TIBCO technology
- » Serve as mission-critical file-transfer conduit for the enterprise between the Stores, Datacenter and Oracle applications infrastructure retail solutions