

The ECRS Supplier Integration Server™

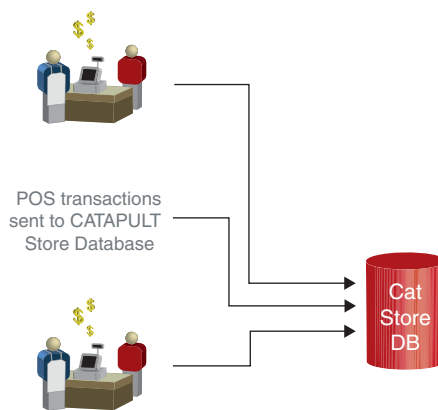
Supply Chain Automation for Independent Retailers



The ECRS Supplier Integration Server (SIS) empowers Independent Retailers with the technology to drive the same supply chain efficiencies that until now only the retail giants have been able to achieve. The SIS is a unique middleware application that facilitates automatic electronic data interchange (EDI) between retailers and suppliers for POs, PO Acknowledgments, Shipping Notices, Vendor Catalog Updates, Invoicing, Promotions, and Combos.

Point of Sale: The Starting Gate for Supply Chain Data

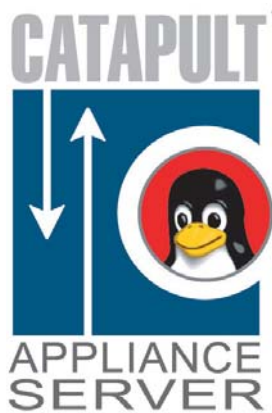
Supply Chain Automation with SIS begins in the checkout lines at the local store level where POS transaction data is transmitted to the CATAPULT store database. CATAPULT's Sales and Inventory Analytics and Forecasting Engine work together to produce optimum suggested orders based on pre-configured parameters for item movement, safety stock, item promotions, calculated vendor lead time, zero stock-out detection, and seasonal factors. Using CATAPULT's powerful optimized data, the Forecasting Engine objectively determines ideal order quantities for tens of thousands of items in a matter of seconds. All auto-generated orders can be verified and modified before submitting, which allows store operators to fine-tune orders before sending them out the door. With CATAPULT's mobile WebCAT module, users can view and edit auto-generated orders while walking the floor.



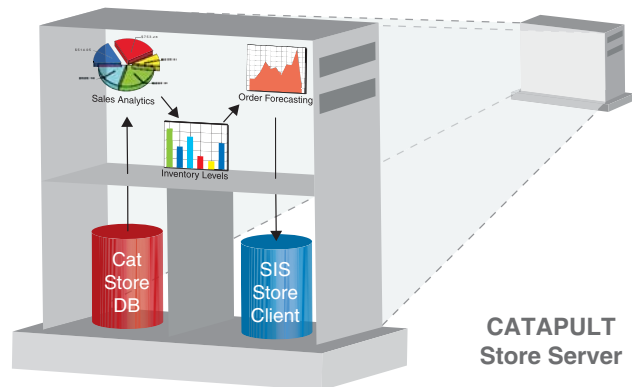
The Benefits of SIS

- Tight Integration with Suppliers
- Increase Inventory Turns
- Lower On-Shelf Inventory Levels
- Avoid Out-of-Stock Scenarios
- Automatic Replenishment based off Sold or On-Hand
- Automatic Fulfillment
- Re-Deploy Staff to Customer Service Roles
- Increase Overall Efficiency
- Reduce Overhead Labor Associated with Ordering

The SIS Store Client: Built on Robust, Retail-Hardened Server Technology



As a powerful middleware application residing inside a Linux-based CATAPULT Appliance Server, the SIS Store Client constantly monitors both the CATAPULT store database and the Remote Data Broker and synchronizes these two entities in real time. When an auto-generated order has been verified and sent, the SIS Store Client facilitates the data integration and exchange services between the CATAPULT store system and the Suppliers.



ECRS | Supplier Integration Server



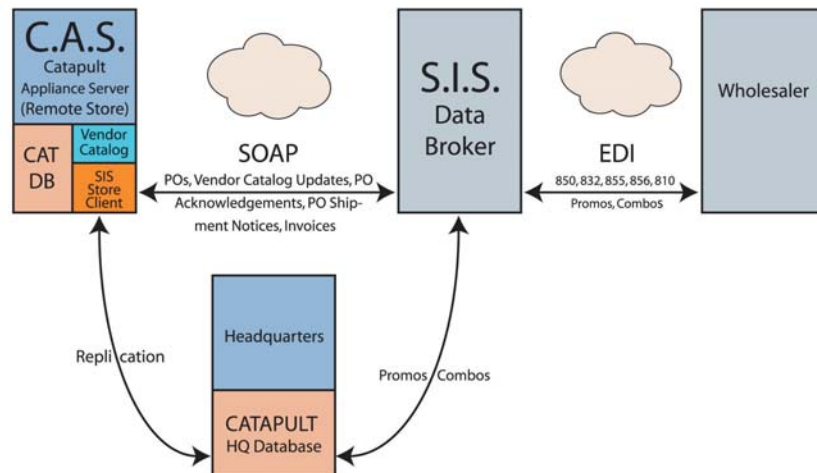
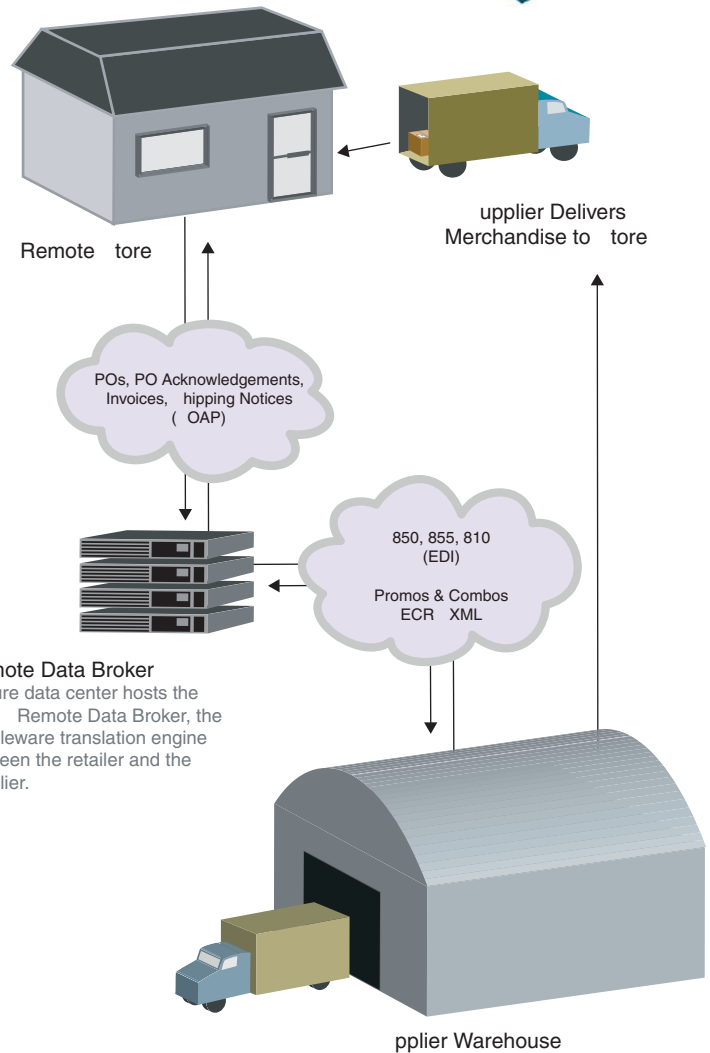
SIS Services

Email Notifications & Supplier Catalog Updates

By way of automated email notifications, the SIS Store Client keeps store operators current on the progress of all aspects in the supply chain, including PO Acknowledgments, Invoices, and Shipping Acknowledgments. The SIS Store Client also hosts current Supplier Catalog databases, which are updated in real time to reflect new items, cost/retail price changes, and current promotions. An SIS Store Client can store a virtually unlimited number of Supplier Catalogs so that retailers can leverage the SIS to automate orders with as many suppliers as needed.

The ECRS Remote Data Broker

The ECRS Remote Data Broker (RDB) is a decoupled integration layer component hosted by a secure data center. As an EDI engine between retailer and suppliers, the RDB uses supplier-specific adapters to facilitate the exchange of data between integrated parties. The de-coupled design of the RDB paired with the redundancy of the data center means that all supplier adapters remain safe and secure, providing a valuable Service Oriented Architecture (SOA) component for the retailer. Depending on the needs of the retailer, RDB hosting can be initiated by either ECRS or the retailer.



Supply Chain Automation Features

- Supplier Cost Verification
- Supplier Price Updates
- Supplier Cost Comparison by Item
- Electronic Purchase Order Submission
- Electronic Purchase Order Receiving
- New Item Creation
- Supplier Deal Tracking
- Electronic Promotional Content Distribution
- Special Order Catalog