COSMOS–Order Management System

SCOPE RETAIL SYSTEMS

COSMOS Solution

Unlike traditional monolithic solutions, SCOPE RETAIL COSMOS is designed as:

- **Scalable & Simplified** user experience helps reduce cost for training and improve productivity (configurable for business rules)
- **Cloud native** OMS will be device agnostic and **developed by considering mobile first approach**
- **Individual products** integrated together with SOA technology for total Omni-channel experience
- **Flexible design** for speed-to-market, CORE OMS separated from client specific needs to react faster for client specific request

- **Real-time dashboards** to help management; real-time exception handling
- **Flexible and seamless integration** with other transactional systems
- **AI** and **ML** component for Advanced Cognitive Analytics
- **Social media** approach to information sharing and training

Benefits and Advantages over other Order Managament Systems

Contemporary Technology	Flexibility for business users & costumers	Efficient routing and fulfillment	Simple and efficient order management
User friendly interfaces	Single order can be placed for fulfillment by multiple suppliers	Better handle on out of stock conditions with auto allocation algorithms.	Simplified order monitoring with user friendly UI and custom reporting
Cloud native application with microservices	Configurable business rules and functions	Fair distribution of inventory based on order demand	Operational dashboards, alerts and notifications
Offers flexibility for business expansion	Dynamic source of supply assigned by priority	Reduced LTL (less than truck load) conditions with adjusted orders going for routing	Easier schedule maintenance with more control for order release by supplier
System limitations don't dictate the design anymore	Faster and easier disaster recovery by order auto holding and dynamic SoS	Auditing of all amendments to ensure accuracy before routing and fulfillment	Flexible way to move inventory across the SC network

Design and Key Capabilities

MDM
- User Setup
- Store Setup
- Warehouse Setup
- Organization Master
- Vendor Master
- Store Item Setup
- Store Order Delivery Schedule
- Customer Order Group Maintenance

Persona: Buyer, Warehouse Management

Collect Store Orders
- Manual Order Entry
- Rush Orders
- Firm/Buyer Push Order
- 3rd Party Orders
- Plant Orders
- eCommerce Customer Order
- Warehouse Transfers

Persona: Buyer, Store Management

Auto Replenishment
- CGO
- Order History
- Order Review
- Auto Acceptance with Tolerance
- Machine Learning - Primitive

Persona: Buyer, Store Management

Cognitive Analytics
- Weather
- Event
- Social Media
- Machine Learning Algorithms
- Dynamic Source of Supply to Reduce Order Split and Transportation Cost

Persona: Buyer, Store Management

COSMOS PLATFORM

Order Review & Maintenance
- Order Schedule Inquiry
- Order Status Monitoring
- Update Order
- Order Smoothing
- WH Order Audit
- Waving of Orders for Dispatch
- Dynamic Source of Supply Assignment

Persona: Buyer, Warehouse

Allocation, Substitution & Prioritization
- Inventory Allocation – Various Algorithms
- Pre-defined Schedule
- Unscheduled Orders
- Substitution Recommendations
  - Sub Always
  - Sub When Out

Persona: Buyer

Integration with WMS & TMS
- On Hand
- Order to WMS
- Substitute Info
- Orders to Route
- Routed Orders
- Warehouse Setup
- Inventory Allocation
- Delivery Information

Persona: Warehouse

Reporting & Dashboard
- Substitutions
- Unfulfilled Orders
- Inventory Positions
- Item Discrepancy
- Warehouse Order Recap
- Item Not Available
- Item Order Recap

Persona: Buyer, Store Management, Warehouse Management