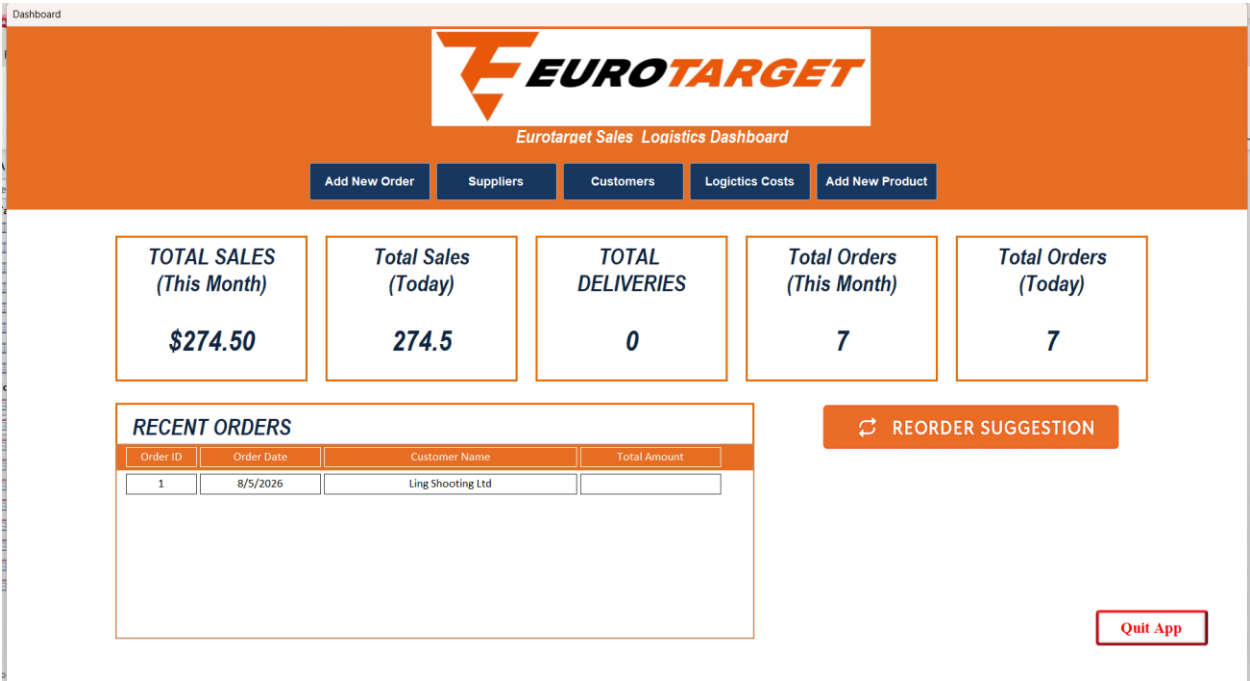


B2B Wholesale & Logistics Management System

Admyon Systems

Building Smarter Business Solutions



Project Overview

The B2B Wholesale & Logistics Management System is a specialized operational platform designed for wholesale distributors managing international supply chains. It centralizes bulk order processing, manages customer-specific logistics costs, and automates inventory replenishment alerts to ensure continuous product availability for B2B clients.

Business Problem

Wholesale distributors face complex logistical challenges that standard retail POS systems cannot handle. Calculating shipping costs is not a flat rate; it varies drastically by customer, delivery type (e.g., Pallet vs. Indirect), and volume. Additionally, failing to track international supplier lead times leads to stockouts, delayed fulfillment, and lost B2B contracts. Manual tracking of these variables across different spreadsheets creates severe bottlenecks and eats into profit margins.

Our Solution

Admyon Systems engineered a custom wholesale ERP that seamlessly integrates order entry with dynamic logistics calculations. The system stores customer-specific delivery rates, automatically applying the correct freight costs during order creation. Furthermore, an intelligent "Reorder Suggestion" engine continuously monitors stock levels against supplier thresholds, instantly flagging which items need to be imported from international vendors to prevent stockouts.

Key Features

- Centralized Sales & Logistics Dashboard
- Customer-Specific Logistics Cost Calculator (Pallet vs. Indirect)
- Intelligent "Products Need Reorder" Alerts
- Wholesale Order Entry with "Previous Order" History View
- International Supplier Tracking & CRM
- Bulk Product & Brand Categorization

Technologies Used

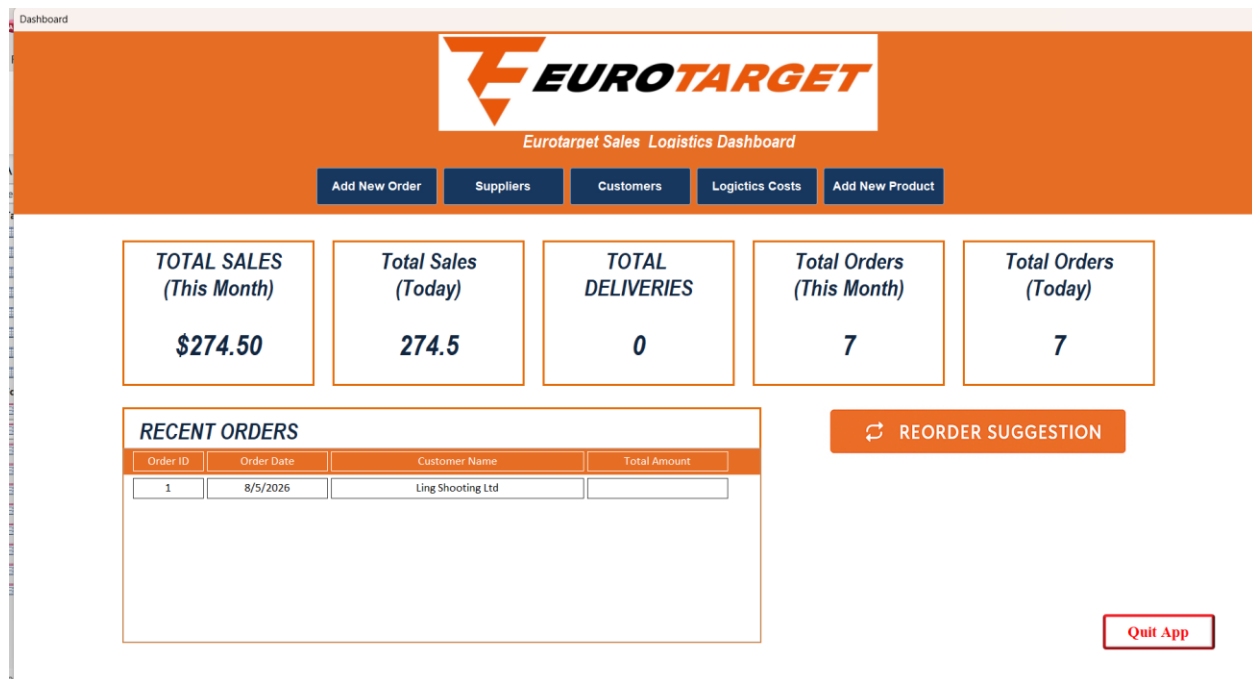
Technology	Used
Microsoft Access	
VBA (Visual Basic for Applications)	
SQL	

System Modules

- Sales & Logistics Executive Dashboard
- Order Entry & Fulfillment Form
- Logistics Costs Configuration
- Products Need Reorder (Supply Chain Alerts)
- Master Products Inventory
- Customers & Suppliers CRM

Screenshots

Sales & Logistics Dashboard



A high-visibility command center providing wholesale managers with a quick overview of monthly sales, daily order volumes, total deliveries, and a one-click gateway to reorder suggestions.

Automated Reorder Suggestions

The screenshot shows a web application window titled 'Need Reorder'. The main header is red with a blue back arrow icon and the text 'Products Need Reorder'. Below the header is a table with six columns: 'Item Code', 'Brand', 'Model', 'Stock Quantity', 'Supplier Name', and 'Contact Info'. The table contains two rows of data. The first row shows 'SAG-STD-L' for Item Code, 'Sagittario' for Brand, 'STD' for Model, '0' for Stock Quantity, 'Eurotarget Italy' for Supplier Name, and '+39 0522 123456' for Contact Info. The second row shows 'EX-RAB-B' for Item Code, 'Extra' for Brand, 'RABBIT' for Model, '1' for Stock Quantity, 'Eurotarget Italy' for Supplier Name, and '+39 0522 123456' for Contact Info.

Item Code	Brand	Model	Stock Quantity	Supplier Name	Contact Info
SAG-STD-L	Sagittario	STD	0	Eurotarget Italy	+39 0522 123456
EX-RAB-B	Extra	RABBIT	1	Eurotarget Italy	+39 0522 123456

A critical supply chain module that automatically flags out-of-stock items, displaying exact supplier contact information (e.g., Eurotarget Italy) and specific brand/model codes to expedite international purchasing.

Wholesale Order Entry

The screenshot shows a web application window titled 'Sales Entry Form'. The main header is orange with a blue back arrow icon and the text 'Order Entry Form'. Below the header is a form with several fields: 'Order ID' (with a '(New)' button), 'Customer' (with a dropdown arrow), 'Order Date', 'Delivery Type', 'Delivery Date', and 'Delivery Notes'. To the right of these fields is a section titled 'Previous Order' with a large empty box. Below the form fields is a table with four columns: 'Product Name', 'Quantity Boxes', 'Unit Price', and 'Total Price'. The table has one row with empty cells. To the right of the table is a summary section with three rows: 'Total Items:' with a value of '0', 'Delivery Rate:' with a value of '\$0.00', and 'Total Amount:' with a value of '\$0.00'. At the bottom right of the summary section is a green checkmark icon. At the bottom left of the form is a 'Total:' label followed by an empty box.

Product Name	Quantity Boxes	Unit Price	Total Price

Total Items: 0

Delivery Rate: \$0.00

Total Amount: \$0.00

Total:

An optimized B2B order form that calculates product quantities by the box, automatically applying predefined delivery rates while displaying the client's previous order history for rapid re-ordering.

Logistics Costs Engine

The screenshot shows a web application window titled "Logistics Costs Form". The main header is orange with a blue back arrow icon and the text "Logistic Costs". Below the header is a search bar labeled "Search By Customer Name:". The main content area contains a table with three columns: "Customer Name", "Delivery Type", and "Delivery Rate". The table has two rows of data. At the bottom right of the form is an "Update Costs" button.

Customer Name	Delivery Type	Delivery Rate
Yorkshire Clay Company Ltd	Indirect	220.00
Ling Shooting Ltd	Pallet	140.00

A unique configuration tool allowing the business to define custom freight rates for individual clients based on delivery methods (Pallet vs. Indirect), ensuring accurate profit margin calculations on heavy shipments.

Customer Directory & CRM

The screenshot shows a web application window titled "Customers Entry Form". The main header is orange with a blue back arrow icon and the text "Customers Form". Below the header are three buttons: "Add New", a left arrow, and a right arrow. The form contains several input fields: "Customer ID" (with a "(New)" placeholder), "Phone Number", "Customer Name", "Delivery Type" (a dropdown menu), "Address", "Delivery Rate" (with a "\$0.00" placeholder), "Postcode", and "Contact Person". At the bottom right are "Save" and "Delete" buttons.

A structured client database tracking core B2B data, including assigned contact persons, billing addresses, and default logistical preferences.

International Supplier Form

The screenshot shows a web application window titled "Customers Entry Form". Inside, there is a prominent orange header bar with a blue back arrow icon on the left and the text "Suppliers Form" in white. Below the header, the interface features several interactive elements: an "Add New" button with an orange border, a small square button with a blue left arrow, and another small square button with a blue right arrow. The form itself consists of four labeled input fields: "Supplier ID" (containing the text "(New)"), "Supplier Name", "Contact Info", and "Country" (containing the text "Italy"). At the bottom right of the form area, there is a "Save" button with an orange border and a small square button with a red border containing a trash icon.

A dedicated vendor management screen capturing international supplier details and country of origin, ensuring the procurement team has instant access to global sourcing contacts.

Business Benefits

- ✓ Protected profit margins by ensuring accurate logistics costs were applied to every bulk order
- ✓ Eliminated stockouts through an automated, supplier-linked reorder suggestion engine
- ✓ Accelerated B2B telephone sales by displaying a customer's previous order history on the entry screen
- ✓ Streamlined international procurement by centralizing vendor data and specific item codes
- ✓ Reduced administrative order-entry time with dynamic freight rate auto-population

Project Highlights

- Dynamic Freight Logistics
- B2B Wholesale Workflows
- Automated Supply Alerts
- Clean, High-Contrast UI
- Vendor/Brand Mapping

Future Enhancements

Future versions of this system may include:

- Multi-currency support for automatic conversion of international purchase orders (e.g., EUR to USD)
- Automated generation of commercial invoices and international packing slips
- API integration with freight forwarders (e.g., DHL, FedEx Freight) for live tracking
- Client portal for B2B customers to place their own bulk orders online

Project Summary

The B2B Wholesale & Logistics Management System demonstrates Admyon Systems' capability to solve complex, niche-specific supply chain problems. By integrating dynamic freight costing with an intelligent reorder engine, this platform transforms standard inventory management into a proactive, margin-protecting wholesale operation.