



# PRODUCT DATA SHEET

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## Unified B2B E-Commerce & ERP Ecosystem

Posetra is a comprehensive platform designed to bridge the gap between Manufacturers and Distributors. It streamlines the entire supply chain lifecycle—from production and sourcing to order placement, fulfillment, and finance—providing a seamless, automated experience for all stakeholders.

### EXECUTIVE SUMMARY

#### The Challenge

Traditional B2B operations suffer from fragmented communication, manual order processing errors, lack of real-time inventory visibility, and complex compliance requirements regarding tax and invoicing.

#### The Posetra Solution

Posetra provides a centralized hub where Distributors can browse and order products effortlessly, while Manufacturers manage production, ERP logistics, and financials in one integrated system. Data is synchronized in real-time, ensuring accuracy and efficiency.

#### Key Benefits

- **Streamlined Transactions:** Automated workflows reduce manual intervention.
- **Real-Time Visibility:** Live tracking of orders, inventory, and production status.
- **Financial Compliance:** Integrated tax calculations (TDS/TCS) and secure payments.
- **Role-Based Access:** Secure, dedicated portals for specific user workflows.
- **Scalability:** Supports multi-warehouse, multi-vendor environments.

### PLATFORM PILLARS

#### Connect

Connect Manufacturers directly to Distributors via a unified catalog and order management system.

#### Automate

Automate inventory updates, tax calculations, invoice generation, and status notifications.

#### Grow

Enable rapid scaling with ERP capabilities like production planning and fleet management.



## DISTRIBUTOR PORTAL CAPABILITIES

### Order Management

- Browse manufacturer-uploaded products by category.
- Add to cart with real-time stock visibility.
- Auto-calculation of subtotal, taxes, and transport costs.
- Payment options: Integrated Stripe (Card) or Cash (Credit Orders).

### Inventory & Tracking

- View personal inventory with stock levels and reorder alerts.
- Manage multiple delivery addresses.
- Track inbound deliveries and goods receipts.
- Download digital bills and purchase orders (PDF).

## MANUFACTURER ERP CAPABILITIES

### Production & Planning

- **Production Orders:** Create orders with unique Batch Codes.
- **Inventory Logic:** Production completion automatically adds stock to the database.
- **Resource Allocation:** Assign plants and warehouses.
- **Timeline Management:** Track Start/End dates for production cycles.

### Fulfillment & Sourcing

- **Sourcing:** Vendor Master, Material Master, and Purchase Requisitions.
- **Shipping:** Manage Bulk, LTL, and Customer Pickup orders.
- **Fleet Mgmt:** Allocate vehicles and apply transportation charges.
- **Status Sync:** Updates (In Transit → Delivered) sync instantly to Distributor portals.

## ORDER WORKFLOW

Stage	Action	System Impact
Placement	Distributor places order via Cart.	Order ID generated; Inventory check initiated.
Processing	Manufacturer accepts or edits.	Notification sent to Distributor via email.
Fulfillment	Manufacturer clicks "Fulfill".	Stock deducted; Shipment status set to "Shipped".
Delivery	Goods receipt confirmed.	Order marked "Delivered"; Invoice generated.



## FINANCE, TAX & COMPLIANCE

### Invoicing Engine

Modeled after professional financial software (Zoho-style). Features include auto-invoice numbering, customer summaries, and item-level quantity/rate management.

### Tax Compliance (TDS/TCS)

Built-in logic to handle Tax Deducted at Source and Tax Collected at Source. Percentages are applied, calculated, and deducted automatically before final PDF generation.

- **Accounts Receivable:** Track total receivable amounts and payment status.
- **Accounts Payable:** Manage vendor bills and purchase orders.
- **Delivery:** Auto-email invoices with PDF attachments upon shipment.

## TECHNICAL ARCHITECTURE

### Frontend & User Interface

- Responsive HTML5/CSS3 Design.
- Role-based login (Distributor vs. Manufacturer).
- Real-time dashboard with charts and analytics.

### Backend & Integrations

- **Database:** Relational DB for complex data integrity.
- **Payments:** Secure Stripe API integration.
- **Notifications:** Integrated SMTP for emails.
- **Security:** Encrypted data transmission.

## IMPLEMENTATION ROADMAP

Phase 1: Launch

Core User Portals, Basic Ordering, Product Catalog, Invoice Generation.

Phase 2: Automation

Stripe Payments, Stock Synchronization, Production Batch Logic, TDS/TCS Calculation.

Phase 3: Intelligence

Advanced Reporting, Mobile Application, AI-driven Demand Forecasting.