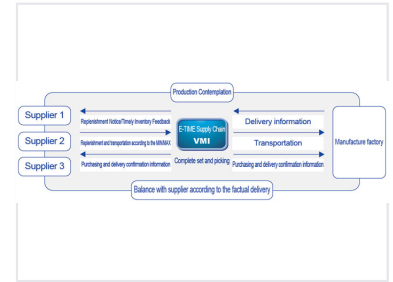


# Vendor Managed Inventory System

This system facilitates vendor-managed inventory to optimize supply chains. It enables efficient stock balancing and delivery based on real-time production needs.



## System Overview

### Vendor Managed Inventory (VMI) Solution

The Vendor Managed Inventory system is a comprehensive supply chain solution designed to optimize the relationship between manufacturing facilities and external suppliers. By leveraging real-time inventory feedback and replenishment notices, the system ensures that components are available exactly when needed to maintain production continuity. This approach automates the balancing of stock levels based on actual delivery performance and production requirements, reducing manual overhead and minimizing stockouts.

## Key Features

### Core Functional Capabilities

- Automated replenishment notices
- Real-time inventory feedback loops
- MIN/MAX based inventory optimization
- Integrated delivery and transportation tracking
- Production-driven procurement
- Complete set picking and balancing

## Operational Metrics

### Supply Chain Efficiency Metrics

**100 %**

Inventory Visibility

**1 E-TIME**

Supply Chain Model

## System Logic

### Replenishment and Control Logic

Control Point	Action
Inventory Levels	MIN/MAX based replenishment
Delivery	Factual delivery balancing
Production	Contemplation-driven picking
Communication	Purchasing and delivery confirmation