

Inventory and Warehouse Management

Slingshot Software's Inventory and Warehouse Management module provides you with unparalleled control and flexibility. Manage and monitor your inventory for all types of products in all types of facilities.

Advanced intuitivity and system functionality allow you to maximize inventory throughput and profitability. Slingshot's development tools also allow you to react instantly as market conditions (and your functional requirements) change over time.

Slingshot's Inventory and Warehouse Management (IWM) module offer three levels of capacity to handle any warehouse situation: a basic capability for smaller "paper-based" warehouses, advanced warehouse management for large radio frequency controlled facilities and 'virtual warehouses' that allow you to track supplier and customer inventories in transit or any other 'virtual' location.

Internet Connectivity for Global Visibility

Customers, sales representatives, suppliers or any authorized individual can view inventory status and projected future availability using a standard web browser. This means that you are connected from the office, at home, on the road, on a mobile device... wherever you have internet connectivity.

Virtual Warehouses

Use virtual warehouses to shorten supply chains. Slingshot's IWM modules can be set up to track inventories held by strategic supply chain partners. Online transactions forwarded from your trading partners allow your reporting information to be maintained in real time. This information can be used to significantly reduce inventories and improve service levels.

Flexible Warehouse Configuration

You can control an unlimited number of warehouses having organized them into zones and locations. Within each you can then establish rules for pick, put-away and replenishment at the zone level. Extensive control is provided at the location level including single lot, single product, dedicated product and dedicated unit. Storage types (e.g. refrigerated) can also be associated with a zone or location. Product / location compatibility is automatically checked by the stock locator.



Stock allows you to optimize efficiency by defining operational requirements at the facility level. This includes rules for inbound (receive, inspect and put away), outbound (pick, pack, ship) and in-warehouse (count, location replenishment) processes.

Configure “Alerts” to Highlight Issues

Define exception conditions (called Alerts) that will be monitored by the system. Alerts can be triggered based on any condition you define. For example, you will receive an Alert when inventory is discrepant, or when a shipment is late.

Your “User Role” determines the alerts available to you. You receive an alert by “subscribing” to it on your home page. If the Alert condition is true, you will receive a message when you sign in to the system, or alternatively you can also request delivery via email.

Lot and Serial Number Control

Products can be tracked by lot and/or serial number. You can also define whether tracking takes place in the warehouse or only on shipments or receipts. Lot controlled items can be date controlled, allowing expiration dates to drive pick and replenishment processes (first expiration, first out). A “distribution days” capability allows you to report lots that are approaching their expiration date.

Stock Status and Usage Statistics

A Stock Status inquiry provides a detailed summary of on hand, demand, and supply totals. Usage history is also tabulated by month allowing you to optimize your stock on hand and ordering processes.

Condition and Ownership Identification

User-defined condition codes can be attached to any inventory balance. These codes determine how inventory is treated. For example: Is it considered available to promise? Can it be shipped? Does it have a financial value? Ownership can also be specified for supplier consignment or third party logistics purposes.

Stock Replenishment

Slingshot’s IWM and Supply Chain Planning modules are fully integrated, which means you can automatically create replenishment orders to maintain optimal inventory levels at each warehouse. An “order” can comprise purchases, warehouse transfers, manufacturing orders or subcontractor-fulfilled outside processes. Within the warehouse, pick points can be automatically replenished and multiple products can be replenished at a single location. This is ideal for replenishing vehicles, supply cribs or other locations that stock multiple products.

Physical Control

You can create cycle count requests based on count frequency codes. Count frequency can be specified by ABC classification. Counts can be requested manually and multiple recounts can be enforced. When all counts are completed the system will report any discrepancies and when the count transactions are finalized, inventory levels are adjusted to resolve all acknowledged discrepancies.

The adjustment can either be a write off, or a movement to a logical location reserved for discrepant inventory. The logical location allows you to offset lost items with found items and minimize the number of adjustments.

Financial Integration

Every change to on-hand inventory is logged and inventory transactions are valued automatically. Slingshot supports LIFO, FIFO, Standard Cost, Replacement Cost and Average Cost valuation methods. Each costed transaction includes the appropriate general ledger accounts. Journals can be easily reported and are passed directly to your accounting system.

Inter-Warehouse Transfer Control

When transfer orders are entered to move stock between warehouses, the inventory's availability at the ship-from warehouse is verified. When the order is complete, the on-order quantities at the receiving warehouse are updated automatically.

Integrated Receipt and Shipment Confirmation

Given the integration of the Slingshot ERP suite, the IWM module is used to confirm shipment and receipt for orders entered in other modules. This approach simplifies warehouse operations and enforces consistent procedure. Support is also provided for unauthorized receipts. These are receipts that cannot be matched to a covering order. The inventory can be put away but is not available for pick until a covering order has been issued in one of Slingshot's other modules.

Advanced Warehouse Management

Slingshot's IWM module provides advanced warehouse management capabilities including:

- Radio Frequency (RF) Integration
- Bar Coding Facilities (license plates)
- Sophisticated Stock Locator
- Multiple Pick Strategies (for example: pick lots, parallel pick lines, pick and pass)
- Support For Warehouse Containers
- Stock Rotation (FIFO and FEFO)
- Location Velocity Mapping (slotting)
- Warehouse Reorganization (re-slot, consolidate)
- Outbound Packaging and Parcel Manifesting
- System Assisted Task Management
- Multiple Vehicle Loading Strategies (for example: pick-to-load, pick-to-stage)
- Quality Assurance Integration (inspection sampling)

Product Stratification

Inventory is automatically stratified into an “ABC” classification. Multiple stratification options are available including monetary value, velocity, or velocity multiplied by value. The ABC code also can be used to determine count-frequency rules (the system assigned ABC code can be manually overridden as required).

A separate stratification is used for slotting purposes. Items are classified as High, Med-High, Medium, Med-Low or Low movers based on the number of picks issued. This velocity stratification is used by the put away process, which attempts to match the product to a location with a matching target velocity.

Integrated Report Writer

A complete set of order registers, supplier performance reports and table listings comes standard with the Slingshot’s IWM module. All reports and documents were developed using SAP Business Objects Crystal Reports toolset. Formats can be easily modified to meet your specific requirements. New reports can be developed and easily added to the application menus.

Microsoft Office Integration

All reports can be exported into a range of different formats including PDF and CSV files. They can also be downloaded into MS Excel or MS Word documents.



Over the past 3 decades, Slingshot has helped companies just like yours achieve the next level of efficiency, growth and profitability.

Our innovative approach to ERP software development, implementation and ownership allows you to extend your ERP systems without programming.

This lowers your costs, ensures scalability, decreases time to return on your investment and lowers your overall risk.

When it comes to ERP software – we innovate.

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