

ASSISTics v9.0

Reference



Below are a some highlights of the ASSISTics Supply Chain Management Application

- ✚ Web Based Application with extensive drill-down capability
 - Internet Explorer
 - Google Chrome
 - Safari, Firefox etc.
- ✚ Mobile Devices (support all mobile devices)
 - Windows (Mobile, CE, Pocket PC)
 - Forklift mounted computers
 - iPhone/iPad
 - Droid
 - Telnet based devices
- ✚ Large manufacturing install base
- ✚ 15+ Years in the manufacturing software market
- ✚ Supply Chain Management, Visibility, Execution
- ✚ 100+ Barcode transactions
- ✚ **Pallet Tracking**
 - Pallet Transfers
 - Pallet Picking
 - QC at pallet level
- ✚ Instant Lot Track and Trace
 - Complete visibility to shipments for instant recall
 - Ingredient history
 - Intermediate history
- ✚ Supported inventory models
 - Non lot tracked
 - Lot tracked
 - Lot actual fill tracked
 - Sublot tracked
- ✚ Supports all cost methods
 - Standard Costing
 - Average Costing
 - Actual Costing
- ✚ Task based management – examples:
 - Picking
 - Transfers

- Pallet/Stock Put-away
- Cycle Counting
- Physical Inventory
- Stock Replenishment
- Notifications
- ✚ Shop floor data collection
 - Supported production functionality
 - Production Orders
 - Pack Orders
 - Directed Repack Orders
 - End Pack Order
 - Production Staging
 - Issuing
 - Output Reporting
 - Resource Reporting
 - Labor Reporting
- ✚ Drag and drop rough cut capacity scheduling for production orders
- ✚ Order Fulfillment
 - Load Planning
 - Pick List Generation algorithm examples:
 - Pick to clean
 - Fewest picks
 - FIFO
 - LIFO
 - Wave picking
 - Zone picking
 - Pick Confirmation
 - Task enabled
 - Dynamic suggestions
 - Shipping
 - Multiple order shipping
 - Shipping from mobile device
 - Quick shipping
 - Sales Returns
- ✚ Purchase Receiving
 - Receiving
 - Returns
- ✚ Complete Cycle Count and Physical Inventory Modules
 - Task driven counts
 - Complete count analysis
 - Cost analysis
 - Warehouse accuracy
 - Location accuracy
 - Lot accuracy
 - Recounts
 - Audits
- ✚ Miscellaneous Inventory Transactions (including pallets)
 - Transfers

- Issues
- Receipts
- Adjustments
- Directed put-away (multiple algorithms)
- ✚ Integrated Labeling
 - Supported products
 - Loftware
 - BarTender
 - EZ Label
 - LabelVision
 - Label integration points
 - Purchase Receiving
 - Warehouse Transfer Receiving
 - Production Reporting
 - Shipping Labels
 - Pallet creation
 - Stock transfers
 - On demand relabeling ... and more
- ✚ Scale / fixed device integration
 - In motion scales (rail scale, conveyor systems)
 - Pallet scales
 - Ingredient scales
 - Print and apply
- ✚ Seamlessly integrated reports
 - Microsoft SQL Server Reporting Services
 - Ships with canned order fulfillment reports including
 - Packing List
 - Pick List
 - BOL
 - Certificate of Analysis
 - Crystal Report integration
 - IQ Report integration
 - BIRT Report integration
- ✚ Browser visibility and search capability to ERP
 - Supply Chain Visibility across enterprise
 - All demands and supply
 - Complete formula and BOM explosion
 - Warehouse
 - Inventory across multiple warehouses simultaneously
 - Transactional history
 - Inventory history (view stock levels at any prior date)

- Logistics
 - Sales Orders
 - Customer history
 - Warehouse Transfers
 - Fill rate analyzer
 - Pick List Generation
 - Load Planning
 - Shipping
 - **Unshipping**
- Production/Pack Orders
 - Ingredients
 - Outputs
 - Resources
- Purchase Orders
- Finance
 - Invoices
 - Credit Memos
 - Debit Memos
 - Cash receipts
 - GL Transactions
- ✚ EDI Integration
- ✚ All screens can be exported and formatted correctly to Excel with a single click of a button
- ✚ Complete security model
 - User and role based security

Here are some screen shots that highlight some of the features of ASSISTics

Sample Supply Chain Visibility screen shot

| Warehouse ABW1 New York Warehouse | | | | | | | Position (5 rows) | | | | | | |
|-----------------------------------|--------|-------------------------------------|--------|-----|--------------|-------|-------------------|----------|--------|----------|----------|-----------|----------|
| Item | Pack | Description | QOH | UOM | Safety Stock | Chart | Today | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday |
| SB-IPA-VI | | Train Car IPA VI | 10.16 | GA | 0.00 | | 21.22 | 21.22 | 21.22 | 28.72 | 28.72 | 28.72 | 28.72 |
| SB-IPA-VI | B-24 | Train Car IPA VI Case of 24 Bottles | 425.00 | EA | 0.00 | | 880.00 | 880.00 | 880.00 | 1,280.00 | 1,280.00 | 1,080.00 | 1,080.00 |
| SB-IPA-VI | KEG006 | Keg - Sixth Barrel | 24.00 | EA | 0.00 | | -32.00 | -32.00 | -32.00 | -32.00 | -32.00 | -32.00 | -32.00 |
| SB-IPA-VI | KEG025 | Keg - Quarter Barrel | 0.00 | EA | 0.00 | | -65.00 | -65.00 | -65.00 | 35.00 | 35.00 | 35.00 | 35.00 |
| SB-IPA-VI | KEG050 | Keg - Half Barrel | 40.00 | EA | 0.00 | | 165.00 | 165.00 | 165.00 | 250.00 | 250.00 | 200.00 | 200.00 |

Sample Inventory screen shot

Inventory Admin East Chester MAIN WAREHOUSE W010

| | | | | | |
|-----------------|-----------------|--------------------|---------------|-----------|---|
| Lot | | Location | | Warehouse | W010 East Chester MAIN WAREHOUSE W020 ALLEN TERMINAL DISTRIBUTION W099 ATL PA |
| Item | 6121% | Pack | | | |
| Description | | Material Group | All | | |
| Product | | Pallet | | | |
| Inventory Types | Bulk and Packed | Configuration | All Inventory | | |
| Lot Status | All | Lot Hold Code | All | | |
| | | Lot Expiration | All | | |
| | | Lot Process Status | N/A | | |
| | | Comments | | | |

Go

View Inventory Transactions

Item Totals | Lot Totals | **Lot Details**

| Item | Pack | Description | Lot | Location | Status | Manufactured | Hold | Expiration | Nettable | Non-Nettable | UOM | Vendor Lot | Nettable Fill Qty | Fill UOM |
|--------|------|--------------------------|----------|------------|----------|--------------|------|------------|----------|--------------|-----|-----------------|-------------------|----------|
| 612103 | | MUSTARD SEASONING | 41124002 | SR-23 | Approved | 11/25/2009 | | 4/25/2011 | 105.16 | 0.00 | LB | 1125976901 | 0.00 | LB |
| 612106 | | ROMANO CHEESE FLAVORING | 38669001 | SR-45 | Approved | 11/17/2008 | | 4/30/2011 | 10.7528 | 0.00 | LB | 8296104 | 0.00 | LB |
| 612106 | | ROMANO CHEESE FLAVORING | 42930001 | COOLER | Approved | 12/4/2010 | | 12/4/2011 | 40.00 | 0.00 | LB | 0338252 | 0.00 | LB |
| 612110 | | CITRIC ACID | 42489001 | INSPECTION | Approved | 6/11/2010 | | 6/11/2011 | 0.0599 | 0.00 | LB | SW006111 | 0.00 | LB |
| 612110 | | CITRIC ACID | 42195003 | CF-07 | Approved | 10/12/2009 | | 10/12/2012 | 320.49 | 0.00 | LB | S910122 | 0.00 | LB |
| 612110 | | CITRIC ACID | 42633001 | CF-07 | Approved | 10/6/2010 | | 10/6/2011 | 3,655.37 | 0.00 | LB | S006155/S910122 | 0.00 | LB |
| 612111 | | CHILI SAUCE SEASONING | 42194002 | CR D-3 | Approved | 7/23/2010 | | 7/23/2011 | 2,545.00 | 0.00 | LB | 0723076502 | 0.00 | LB |
| 612112 | | MINCED DEHYDRATED GARLIC | 42662001 | SR-06 | Approved | 4/29/2010 | | 4/29/2011 | 100.00 | 0.00 | LB | 0117010033 | 0.00 | LB |
| 612113 | | MUSTARD SEASONING USFS | 39615002 | SR-02 | Approved | 5/19/2009 | | 12/28/2010 | 15.75 | 0.00 | LB | NA | 0.00 | LB |

Sample Lot Inquiry screen

Lot Master Admin Distribution W001

Refresh

| | | | |
|--------------|-----------------------------------|------------------|-------------------------|
| Lot | A904060042 | Lot Id | 3371 |
| Item | 2526 | Covinax 525-08 | |
| Vendor Lot | | Company | 01 ASSIST, Inc. |
| Plant | P531 Sachs Resin | Production Order | 107 |
| Priority | | Manufactured | 4/6/2009 |
| Created | 4/6/2009 11:06:02 AM | Created By | default |
| Changed | 2/3/2011 8:57:43 AM | Changed By | |
| Expiration | 7/5/2009 | Approved | |
| Rejected | | Hold | 4/6/2009 |
| Status | Hold | Grade | |
| Lot Comments | Auto create from production order | | |
| | View Inventory for lot | | View Inventory for item |
| | View Lot Trace | | View Allocations |

QC Spec 2526 2/26/2009 2:45:00 PM | Spec Status **Failed**

| Required | Test | Description | Minimum Value | Operator | Target Value | Maximum Value | Result | UOM | Tested By | Tested Date | Status |
|-------------------------------------|------------|----------------------------------|---------------|----------|--------------|---------------|----------|-----|-----------|-------------|------------|
| <input checked="" type="checkbox"/> | 01-Visc | Viscosity (cps) | 4,000.00 | | 4,900.00 | 5,800.00 | 4,850.00 | CP | jsmith | 4/6/2011 | Passed |
| <input checked="" type="checkbox"/> | 02-pH | pH | 5.00 | | 5.50 | 6.00 | 6.10 | PH | jsmith | 4/6/2011 | Failed |
| <input checked="" type="checkbox"/> | 03-Solids | Solids (%) | 55.00 | | 57.00 | 59.00 | 58.00 | PC | jsmith | 4/6/2011 | Passed |
| <input checked="" type="checkbox"/> | 04-GritPPM | Grit (ppm) - TOTAL | < | | 150.00 | | | PM | | | Not Tested |
| <input checked="" type="checkbox"/> | 43-Grit100 | Grit (ppm) - 100 mesh | < | | 70.00 | | 69.00 | PM | jsmith | 4/6/2011 | Passed |
| <input type="checkbox"/> | 44-Grit150 | Grit (ppm) - 150 mesh | < | | 0.00 | | -0.09 | PM | jsmith | 4/6/2011 | Passed |
| <input checked="" type="checkbox"/> | 05-Peel | Peel (lbs) | 2.80 | | 2.80 | 10.10 | | LB | | | Not Tested |
| <input checked="" type="checkbox"/> | 60-Shear | Shear (min) | 350.00 | | 350.00 | 10,001.00 | 350.00 | MN | jsmith | 4/6/2011 | Passed |
| <input checked="" type="checkbox"/> | 70-LoopTck | Loop Tack (lbs) | 2.30 | | 2.30 | 10.10 | 2.31 | LB | jsmith | 4/6/2011 | Passed |
| <input type="checkbox"/> | 90-WPG | Weight Per Gallon Test (lbs/gal) | 0.00 | | 0.00 | 0.00 | 0.00 | UN | jsmith | 4/6/2011 | Passed |

Sample Lot Track and Trace screen

Lot Trace | jsmith
New York Warehouse | ABW1

| | | | |
|--------------|--|------------------------------|---|
| Lot | 9G1 | Lot Id | 189 |
| Item | HOPS-001 | HOPS-Cascade | |
| Vendor | ACME HOPS ACME Hops Distributors | | |
| Vendor Lot | Company | AB ABC Manufacturing Company | |
| Priority | 5 | Purchase Order | 10002 |
| Created | 2/24/2011 2:19:02 PM | Manufactured | 2/24/2011 2:19:02 PM |
| Changed | 2/24/2011 2:49:48 PM | Created By | default |
| Expiration | 1/1/2100 | Changed By | default |
| Rejected | Approved | Approved | 2/24/2011 2:49:48 PM |
| Status | Approved | Hold | |
| Lot Comments | | Grade | |
| | | Hold Code | |
| | View Inventory for lot | | View Inventory for item |
| | View Lot Trace | | View Allocations |

Ingredients History | Ingredients Inventory | Inventory | Shipments

| Shipments Containing Lot [48 rows] | | | | | | | | | | |
|------------------------------------|-----------------------|-----------|--------|----------|------------------|-------------|------|-----------------------------|---------|-----------------------------|
| Shipment Date | System Date | Item | Pack | Lot | Description | Sales Order | Line | Bill To Name | Ship To | Ship To Name |
| 3/10/2011 11:43:10 AM | 3/10/2011 11:42:55 AM | SB-IPA-VI | B-24 | 20110224 | Train Car IPA VI | 10001 | 1 | Maine Beverage Inc. | D00001 | Maine Beverage Inc. |
| 3/10/2011 12:08:31 PM | 3/10/2011 12:08:16 PM | SB-IPA-VI | B-24 | 20110224 | Train Car IPA VI | 10002 | 1 | Vermont Beverage Inc. | D00002 | Vermont Beverage Inc. |
| 3/10/2011 12:08:31 PM | 3/10/2011 12:08:16 PM | SB-IPA-VI | B-24 | 20110224 | Train Car IPA VI | 10003 | 1 | Massachusetts Beverage Inc. | D00003 | Massachusetts Beverage Inc. |
| 3/10/2011 11:43:11 AM | 3/10/2011 11:42:55 AM | SB-IPA-VI | B-24 | 20110224 | Train Car IPA VI | 10006 | 1 | Maine Beverage Inc. | D00001 | Maine Beverage Inc. |
| 3/10/2011 12:08:31 PM | 3/10/2011 12:08:16 PM | SB-IPA-VI | B-24 | 20110225 | Train Car IPA VI | 10003 | 1 | Massachusetts Beverage Inc. | D00003 | Massachusetts Beverage Inc. |
| 3/10/2011 12:08:31 PM | 3/10/2011 12:08:16 PM | SB-IPA-VI | B-24 | 20110225 | Train Car IPA VI | 10004 | 1 | New Hampshire Beverage Inc. | D00004 | New Hampshire Beverage Inc. |
| 3/10/2011 12:08:31 PM | 3/10/2011 12:08:16 PM | SB-IPA-VI | B-24 | 20110225 | Train Car IPA VI | 10005 | 1 | Massachusetts Beverage Inc. | D00003 | Massachusetts Beverage Inc. |
| 3/10/2011 10:36:27 AM | 3/10/2011 10:36:11 AM | SB-IPA-VI | B-24 | 20110225 | Train Car IPA VI | 10006 | 1 | Maine Beverage Inc. | D00001 | Maine Beverage Inc. |
| 3/10/2011 12:08:31 PM | 3/10/2011 12:08:16 PM | SB-IPA-VI | B-24 | 20110225 | Train Car IPA VI | 10007 | 1 | Vermont Beverage Inc. | D00002 | Vermont Beverage Inc. |
| 3/17/2011 1:43:12 PM | 3/17/2011 1:42:56 PM | SB-IPA-VI | B-24 | 20110225 | Train Car IPA VI | 10008 | 1 | Vermont Beverage Inc. | D00002 | Vermont Beverage Inc. |
| 3/17/2011 1:43:12 PM | 3/17/2011 1:42:56 PM | SB-IPA-VI | B-24 | 20110225 | Train Car IPA VI | 10009 | 1 | New Hampshire Beverage Inc. | D00004 | New Hampshire Beverage Inc. |
| 3/17/2011 1:43:12 PM | 3/17/2011 1:42:56 PM | SB-IPA-VI | B-24 | 20110226 | Train Car IPA VI | 10009 | 1 | New Hampshire Beverage Inc. | D00004 | New Hampshire Beverage Inc. |
| 3/17/2011 1:40:51 PM | 3/17/2011 1:40:35 PM | SB-IPA-VI | B-24 | 20110226 | Train Car IPA VI | 10010 | 1 | Maine Beverage Inc. | D00001 | Maine Beverage Inc. |
| 3/17/2011 1:43:12 PM | 3/17/2011 1:42:57 PM | SB-IPA-VI | B-24 | 20110226 | Train Car IPA VI | 10013 | 1 | Vermont Beverage Inc. | D00002 | Vermont Beverage Inc. |
| 3/10/2011 11:43:11 AM | 3/10/2011 11:42:55 AM | SB-IPA-VI | KEG006 | 20110224 | Train Car IPA VI | 10006 | 2 | Maine Beverage Inc. | D00001 | Maine Beverage Inc. |
| 3/10/2011 11:43:10 AM | 3/10/2011 11:42:55 AM | SB-IPA-VI | KER006 | 20110225 | Train Car IPA VI | 10001 | 2 | Maine Beverage Inc. | D00001 | Maine Beverage Inc. |