

ADSI

A barcode graphic consisting of vertical lines of varying heights, positioned to the right of the letters 'ADSI'.

ADVANCED DISTRIBUTION SOLUTIONS INC

Barcode Solutions ■ Multi-Carrier Shipping Software ■ Integration Services



Multi-Carrier Shipping Solutions: Understanding the Benefits

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Agenda

- Benefits of a Multi-Carrier Shipping Solution
- Processes to Reduce Manual Labor
- Automated AES Filing
- Compliance Labeling
- Technological Advancements of Bar-coding and Data Collection
- Shipping Automation Processes
- Q&A

Benefits of a Multi-Carrier Solution

- Satisfy customer requests
 - Service selection / time-in-transit
 - Bill receiver / freight collect
 - Third-party billing
- Quick transition to alternate carrier
 - Labor disruption or natural disaster
- Ship to non-parcel carrier supported addresses
 - APO / FPO / DPO & P.O. Box
- Ability to compare LTL to small parcel



Flexibility to improve the customer experience

Benefits of a Multi-Carrier Solution

- Take advantage of regional carriers
 - Reduced time-in-transit
 - Potential cost savings
- Record Will Calls or Fleet shipments
- Single user interface
 - Increased productivity
 - Reduced new user training time
 - Use verbiage the operators are accustomed to
- Zone skipping / drop shipping
 - Domestic – Carrier Options induct cartons further upstream
 - International – based on port of entry or Intl' Carrier



Reduce your freight spend

Benefits of a Multi-Carrier Solution

- Enterprise-wide rating & shipping
 - Present rates at order entry
 - Freight analysis
 - E-commerce service selection tools
- Single integration to ERP / WMS
 - Corporate Standardization
 - Reduce internal I.T. support
- Corporate shipping convenience
 - Increase employee productivity
 - Benefit for employees



Provide freight rating & shipping enterprise wide

Benefits of a Multi-Carrier Solution

- Enforce customer route guides
 - Easily enforce carrier or service selection based on routing guidelines
 - Weight over/under
 - Geographic Destination zip/state/zone
 - Customer Code
- Stage shipments for consolidation
 - Domestic and International
 - Stage multiple orders to the same consignee
 - LTL
 - Small Parcel



Flexibility to meet customer requirements

Benefits of a Multi-Carrier Solution

- Single point for AESDirect.gov filing
 - Automated AES filing (electronic SED)
- One system generates
 - Commercial Invoice
 - Shippers Letter of Instruction (SLI)
 - Certificate of Origin
 - Compliance labels
 - Bills-of-Lading
 - Packing Lists
 - EDI Transmissions
 - Email notification



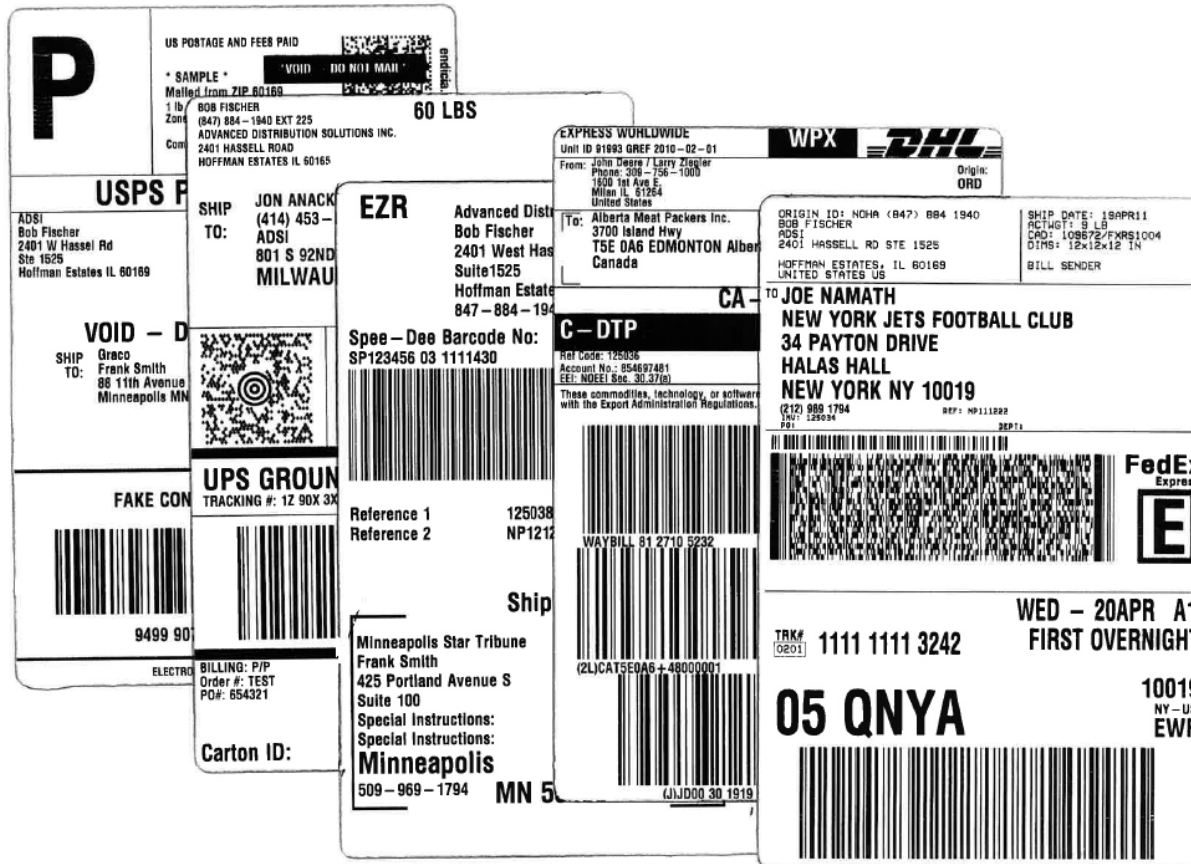
Assure accurate compliance & documentation

Benefits of a Multi-Carrier Solution

- Address Validation
 - Significantly reduce address correction fees
 - Automatically designate residential addresses
 - Address standardization
 - Delivery Point Verification

Total customer satisfaction

Benefits of a Multi-Carrier Solution



■ Compliance Labeling

Satisfy compliance labeling requirements



Bar-coding and Data Collection

Technological Advancements

Bar-coding and Data Collection

Bring the technology
to the work,



not the work to
the technology!

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Bar-coding and Data Collection

- **Mobile Computing in Manufacturing**
 - Error-proof your operations
 - reduce waste
 - connect employees with accurate information
- **Asset Management Solutions**
 - relay information to and from your enterprise at the point of activity
- **Shop Floor Solutions**
 - mobile labor management and mobile machine monitoring.
- **Materials and Warehouse Management Solutions**
 - up-to-the minute view of the supply chain
- **Mobile Manager Solutions**
 - critical business decisions that must be made immediately to production downtime



Bar-coding and Data Collection

- **Transportation and Logistics**
 - accelerate productivity, profitability and operational efficiencies
- **Warehouse Management Solutions**
 - tasks like picking, put-away and receiving are completed in a fraction of the time
- **Mobile Dispatch, Pickup and Delivery Solutions**
 - Delivery details are scanned
 - Electronic Signature release captured
- **Yard Management Solutions**
 - Capture inbound trailer-load information
 - process dock-door assignments
 - Automate receiving and cross-dock activities



Bar-coding and Data Collection

- **Field Mobility**
 - allow field sales and service workers to be more efficient and effective
- **Sales Force Automation**
 - gain access to information quickly to stay on top of client requirements
 - Spend more time selling instead of searching for answers
- **Field Service**
 - provide faster response times
 - increase number of service calls
 - reduce travel costs



Mobile computing outside the four walls

Bar-coding and Data Collection

**Process
improvement to
reduce labor cost**

Reduce Manual Labor & Increase Shipping Automation



- Build validation into Pick Process
 - Hands Free, Wireless Scanning
Boosts Voice Productivity 5-10% by Reducing Voice Commands
 - Combines the ability to blend Scanning, Voice, Message Displays & Pick to Light
 - Pick/Pack validation built into the pick process, eliminates secondary order checking

Boost productivity 5 to 10%

Reduce Manual Labor & Increase Shipping Automation

■ Pack Verification

- Prevent incorrect orders from shipping
- Automatically print packing slip
- Place orders in the packed status on the enterprise system automatically

The screenshot shows the 'Packing Station' software interface. On the left, there are input fields for 'Order #' (96188/00), 'Picker ID' (AA), and 'Packer ID' (85), along with an 'Open Order' button. Below these are radio buttons for 'Pack' (selected) and 'Unpack', and three checked checkboxes: 'Automatic Pack', 'Use Current Carton', and 'Auto Hide'. At the bottom left is a 'Close Order' button. The main area is a table with columns for 'Part#', 'Desc', 'Qty Ordered', and 'Qty Packed'. The table lists 18 items, including various scented candles, Easter eggs, and stoneware kitchenware. At the bottom right, there is a 'Carton #' dropdown menu set to '1', a 'Close Carton' button, and a 'View Carton' button. The ADSI Packing Station logo is in the bottom right corner.

Part#	Desc	Qty Ordered	Qty Packed
412916	BUNNY WITH EGG CANDL	12	0
412960	BABY CHICK CANDLES S	24	0
419916	SCENTED VINTAGE FLOW	12	0
419918	SCENTED VINTAGE FLOW	6	0
419920	SCENTED VINTAGE FLOW	12	0
419922	SCENTED VINTAGE FLOW	6	0
430630	EASTER EGG GUEST TOWEL	12	0
430674	EMB L'IL CHICK EGGS	12	0
430946	BUNNY GUEST TOWEL S/	12	0
450676	EMBOSSED BUNNY PLATE	12	0
450692	EASTER APPETIZER PLA	6	0
450734	STONEWARE KITCHEN CATCH ALL	4	0
450736	STONEWARE KITCHEN CATCH ALL	4	0
450738	STONEWARE KITCHEN CATCH ALL	4	0
450740	STONEWARE KITCHEN CATCH ALL	4	0
550217	LARGE STONEWARE MIXI	4	0
550225	LARGE STONEWARE MIXI	4	0
550231	SMALL STONEWARE MIXI	8	0

Increase productivity 20 to 25%

Reduce Manual Labor & Increase Shipping Automation

- Automated Void Fill
 - Cartons from pick / pack area are conveyed to the final void fill
 - Cartons are scanned & void fill requirement is calculated
 - Void fill is added and packing slip / invoice can be printed and auto inserted
 - Carton feeds into an automatic taper



Go Green with recyclable packing materials

Reduce Manual Labor & Increase Shipping Automation

- Technology Focus
 - Increase productivity through automation
 - Improves Revenue
 - Eliminate touches
 - Reduces Labor
 - Work with automation experts who can Design Process Improvements



Top Apply Print & Apply with verification scanner

Scan – Dimension - Weigh – Ship - Label Auto apply Pack Slip, Ship & Compliance Labels



Reduce Manual Labor & Increase Shipping Automation

- One Step Plus
 - 8.5" x 11" pack sheet
 - Pack Sheet Print, insert & apply
 - Carton Content & Ship Label combined



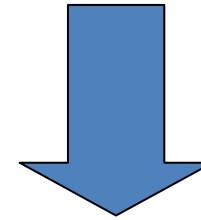
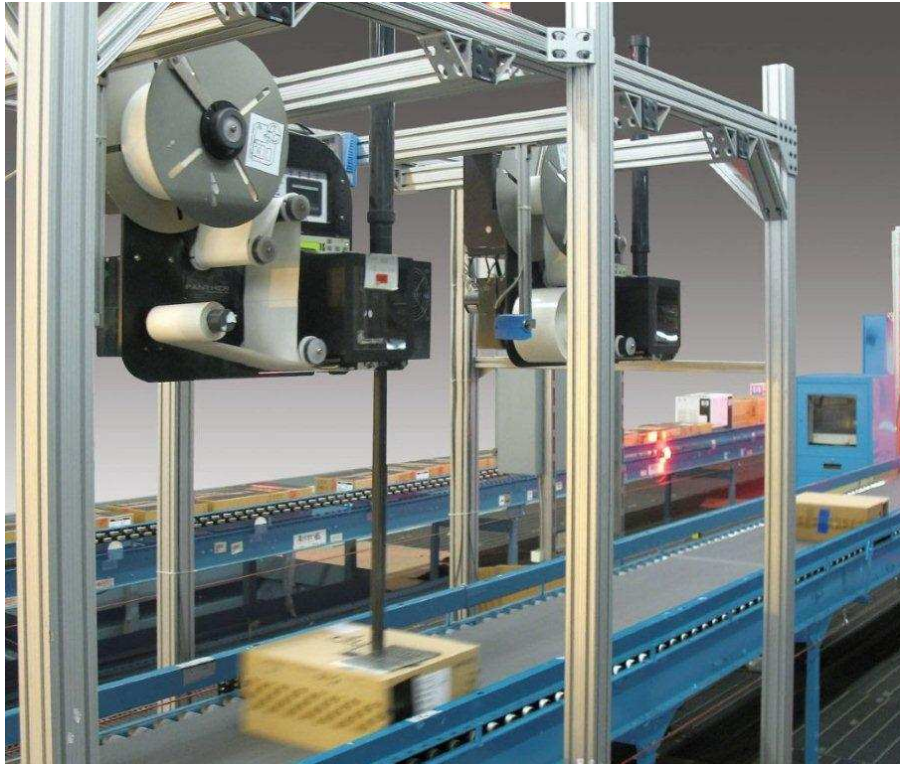
Reduce Manual Labor & Increase Shipping Automation

- One-Step Plus
 - 8.5" x 11" pack sheet
 - folded, tucked & concealed
 - removable shipping label on top



No Manual Labor or plastic pouch

Reduce Manual Labor & Increase Shipping Automation



- Scan
- Dimension
- Weigh
- Label
- Sort

Reduce Manual Labor & Increase Shipping Automation

- Automated Put Away
 - Build validation into the Put Away Process
 - Confirm receipt by your P.O. Number
 - Location accuracy
 - More efficient Cross Docking enforced
 - Hands Free, Wireless Scanning Boosts Voice Productivity



Why go Multi-Carrier

- Increased productivity
- Simplified domestic and international shipping
- Control labor and transportation costs
- Minimize training time for employees
- Improve overall customer experience
- Automation for Mission Critical Manufacturing & Distribution Operation Improvements



Create and sustain competitive advantage!

Questions?

