

WAREHOUSE AUTOMATION



Hot Buttons to Increase Your Profitability

"employee owned and operated"

Since established in 1966, DPS has become a recognized leader in software and systems design in retail and wholesale distribution industries. An expert staff, with significant industry experience, vested in client satisfaction and product excellence through employee ownership of DPS, insure our clients receive the very best services and solutions.



Customer support experience you can count on for fast accurate services to assist your company meet your business opportunities and goals!

Client support service options are tailored to meet every business need. DPS is independently rated as a #1 organization with knowledgeable

staff providing quick response with superior services.

DPS Warehouse Automation Systems are designed for unique operations and products. DPS Pick / Put to Light, RF Handheld Computers, Weight and Volume Analysis enable efficient, accurate and profitable operations.

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Data
Processing
Services, Inc
19345 US Highway 19N, Suite 206
Clearwater, FL 33764-6961

DATA
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SERVICES, INC

News Release
May 2004



ERROR FREE
DELIVERIES

SOURCE INTERLINK

COMPANIES
FULFILLMENT SERVICES
HARRISBURG, PA

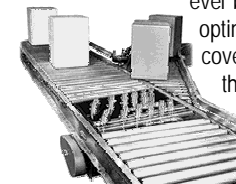
North America's largest *direct-to-retail* magazine distributor Source Interlink Vice President of Operations Allen Assarian says " We service every zip code in the USA with next day or 2-day delivery. We also guarantee pre-weekend delivery to over 10,000 retail accounts managing the logistics of over 5,000 titles!



Our new state-of-the-art pick and pack verified item pick technology from DPS enabled warehouse consolidation, significant pick error reduction, and elimination of an entire shift. The DPS BOSS VIP provides The Source Interlink Companies the best "just in time fulfillment" in the industry!

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Fewer people pack more cartons with less errors faster than ever before using efficient carton packing and optimum carton flow. Errant picks are discovered by un-attended check weight scale, then automatically diverted to audit stations to *identify the error and send the carton back through the system for displayed picker correction"*



World Class Fulfillment Systems



Verified Pick / Put to Light System Solutions

Warehouse Management Systems

Wireless Warehouse Computing

Handheld Route Accounting

Perishable Goods Distribution

19345 US Highway 19N, Suite 206
Clearwater, FL 33764

Tel: 727.532.9481
Fax: 727.532.9723



goDPS.com



CHALLENGES ERROR RATE, PRODUCTIVITY, & WAREHOUSE

As the largest direct-to-retail magazine distributor in the USA, The Source Interlink Fulfillment Distribution Div. distributes over 5,000 publications, including weekly and import titles, servicing over 10,000 retail outlets twice a week to



retail chains such as Barnes & Noble and Borders. The Source Interlink chose DPS as strategic partner to design and

install their new "state-of-the-art" automated material handling solution.



The most effective way to reduce errors is to prevent them in the first place

- LIGHT-DIRECTED PICKING
- PICK LOAD BALANCING
- VERIFIED ITEMS PICKED
- EXCLUSIVE ERGONOMIC PICK FIXTURE
- MULTIPLE CARTON INDUCTION AND EXIT POINTS
- ERRANT PICKS CORRECTED BY OFFENDING PICKER
- ADVANCE EFFICIENT CARTON PACKING OPTIMIZATION



ERROR FREE DELIVERIES

BOSS VIP

Accurate invoice fulfillment. Proven leadership by DPS in integration with your operation. Magazines, candy, cigarettes, health and beauty aid products efficiently and accurately picked.

DPS systems are currently in use by major magazine distributors and mass merchandise discount retailer distribution centers throughout North America and Europe.



Large LCD Display, Bright Pick Beacon, Rugged Push Button, Secure RJ11 Connections, and Strong ABS Cover and Track Construction

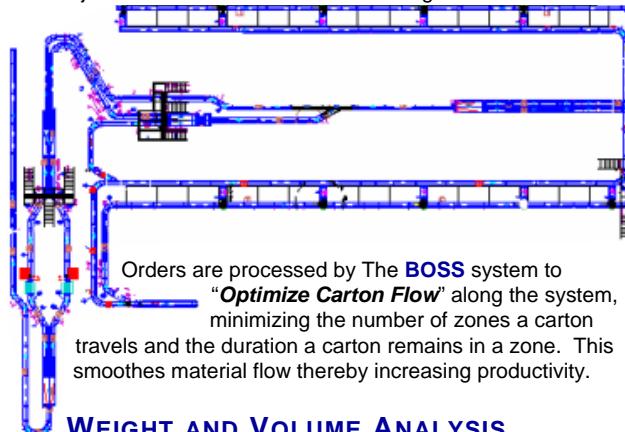


PAPERLESS PICKING

The **BOSS** enables a paperless, computer-directed picking system goaled to increase picker productivity with the picking process. Pickers are provided with the most efficient travel path, beacon directed to proper extraction locations, and provided prominent display of order requirements. The overall concept is quite simple.

Orders are downloaded to the **BOSS** system server from the Source Interlink's host computer over their wide area network. Orders are analyzed for work content and the pick line is processed to balance the work load. The orders are then *released from the "queue" by scan of carton labels initiating illumination of beacon and display of pick quantity directing pickers.*

Pickers are assigned to dedicated areas (zones) thereby minimizing their travel requirements. Zone sizes may be adjusted to balance the work load along the line.



WEIGHT AND VOLUME ANALYSIS ERROR FREE INVOICE DELIVERIES

The **BOSS VIP SYSTEM** is a **LINUX** based, multi-user system. Accurate invoice fulfillment is achieved through **VERIFICATION OF ITEMS PICKED** using weight analysis. The automated **BASIC ORDER SELECTION SYSTEM** utilizes captured item weight and operator defined maximum filled carton weight to establish each carton's contents. The number of cartons required to fulfill an account's (retailer's) invoice and the per carton content drive the **BOSS** displays and verification process. UCC128 barcode symbology (shipping container code for mixed contents) drives the entire pick process and material flow.



Product filled boxes pass through an unattended in-line automatic weighing, conveying and channelizing system. Boxes identified as "out of tolerance" are automatically diverted to physical re-check audit station for computer and conveyance assisted verification / update process. Errant picked cartons are routed back to picker for DPS BOSS display directed correction.

Can we help you learn more...

We would like to help you learn more about DPS and their expert solutions for product distribution, warehouse automation and customer relationship management. Please contact us by email at **Guy@goDPS.com** to view The BOSS VIP online tour of The Source Interlink Companies Fulfillment Services division in Harrisburg, PA or telephone **727.532.9481**.

We can help you discover the many money saving and investment earning benefits of a DPS BOSS Pick System or a BOSS Verified Item Pick solution. See why a DPS "state-of-the-art" pick and pack total material handling system was selected by The Source Interlink Companies at Harrisburg,



Integrated real-time manifest with FedEx or any other shipper system enables "just-in-time" vendor managed inventory insuring Next Day or 2 Day deliveries.



Real Time Manifest Integrated

BOSS VIP - Verified Items Picked Benefits Earn Rapid Return on Investment

- 60% Productivity Gains
- 90%+ Pick Error Reduction
- Reduced Packing Supplies
- Category Packing Reduces "out-of-the-box" time
- Increased Customer Service and Satisfaction
- Increased Sales Efficiency and Profitability
- Reduced Return Room Processing
- Non-Technical Operation and Trouble Shooting

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