

Achieve 100% Order Validation and Increase Profits with Vision Pack & Audit System

A leading—and rapidly growing—distributor of computer equipment was incurring excessive costs due to shipping errors and false customer claims. To bring order validation under control, the company installed Numina's Vision Pack & Audit System (VPAKS). After a few months, shipping errors were eliminated, and false claims were being detected and proved with conclusive visual evidence, eliminating duplicate shipments. For the above client's 50,000 cases per day operation, VCS paid for itself within six weeks.

How Vision Pack & Audit Works

VPAKS uses the latest digital image capture technology to create a real-time, high-resolution color record of case contents and/or full case images, providing your operation with 100% validation of case contents and/or full cases prior to shipment. Images of case content are captured at completion of case picking as the case is conveyed, scanned and weighted prior to the packing and shipping area. The images are compressed and stored with the order ID and order details in a powerful relational database, where the data can be quickly accessed for order tracking, content verification and quality audit details for customer service or regulatory agency compliance requirements. For high volume shippers, VCS can save thousands of dollars per month providing less than 90 days payback!

Seamless, Flexible, Scalable Integration

VPAK is built on Numina Real-time Distribution System (RDS) the USA's #1 installed Linux base Warehouse Execution and Control Software. RDS interfaces with virtually any Business or WMS System, including IBM I Series and interface modules for SAP and Oracle ERP Systems. VPAK operates independently or integrated with your existing Pick-Pack-Ship Operations.

VPAK can be used in both stationary and in-motion conveyor applications and can incorporate other measurement technology

- Reduce Theft and Duplicate Shipments
- Reduce Labor and Paperwork Costs
- Verify Shipped Cases & Carton Contents
- Eliminate Picking and Shipping Errors
- Keep a History of Operation Transactions
- Improve Customer Service Through Visibility



A picture of your shipped goods can save you thousands of dollars per year in lost product, duplicate shipments and customer goodwill!

SKU	Qty	Description	Weight
71890462140	1	iPod 15 GB	0.89 lb
74930721403	1	PS2 phoenix gamester	0.61 lb
4717430003096	1	Portable speaker system	0.96 lb

VPAKS provides customer service with a screen that includes, digital image item count, description, SKU, weight and permanent record of each shipment.

such as case dimensional and weight capture.

VPAKS can also be used to:

- Inspect returns
- Inspect received merchandise
- Interface with existing or new in-plant camera based security systems

Markets Served: Electronics, Computer Equipment, High-End Internet Retail, Wine and Spirits

Customers expect and demand fast, accurate, verifiable delivery. Contact Numina to request our White Paper, "Vision Pack & Audit System Takes Shipping Accuracy to New Heights".

The Numina Group

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Warehouse and Distribution Automation requirements such as in-line weighing, labeling, sorting and manifesting require application know-how, proven software and high-quality equipment and that's exactly what The Numina Group delivers!

The Numina Group brings Smarter, Faster, Better Automation to material handling in all phases of order fulfillment, distribution, and shipping operations. Since 1986, we have supplied conveyor controls and material handling automation to high-volume distribution and shipping operations. Our solutions combine application expertise, innovation and reliability to eliminate "bottlenecks" and excessive labor. We supply systems and products that increase efficiency and provide our clients a competitive advantage in the markets they serve.

Real-time Distribution System, RDS

RDS, Real-time Distribution System is the software foundation for the innovative technology and unsurpassed performance of our industry-leading products and automation solutions. RDS, Warehouse Control Systems are proven in 100's of demanding installations. It's a multi-function control platform that integrates plant floor control, executes ERP/WMS business rules and performs data collection/archiving within its own high performance SQL Database. Easy to use Web based diagnostics, reporting & viewing tools are provided with every system. It provides sub millisecond response for control and communication on a **Rock Solid Scalable Open System Platform.**

RDS Direct Connect

A family of pre-developed communication modules lowers the project implementation time which lowers the risk and complexity of the interface and data exchange with your Enterprise System.

Direct Connect seamlessly integrates material handling automation devices directly to SAP (support for direct RFC and XML messaging), IBM through the Java Toolkit, JDBC, ODBC and other product specific WMS/ERP Systems.

Products and Services

Whether you need a stand-alone print and apply labeling system, in-line scale, vision inspection, barcode tracking, automated sorting or a fully integrated distribution center, Numina's skilled and experienced team can provide the engineering, products and service that you need. We deliver the following products and automation services:

- **Conveyor Systems, Control and Shipping Manifest**
- **Pick Zone Carton and Tote Routing**
- **Pick or Put to Light-Voice Pick**
- **In-motion Scan-Weigh-Vision Audit Systems**
- **Print and Apply Compliance, Packing Slips and Shipper Labels**
- **VPAK Vision Pick & Pack Verification**
- **Sorter Controls and Management**
- **Cube3 Carton Dimensioning and Pick Validation**
- **NTS, Numina's High Speed Tray Sorter**

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For further details on how Numina's services and automation products can accelerate your next facility or breathe new life into your existing operation, call 630-343-2600. Find out more about what **Smarter, Faster, Better Automation** can do for your operation.