

Meeting Automotive OEM Shipping and EDI Requirements with iExchangeweb/ScanToVerify.

iExchangeweb/ScanToVerify is a cooperative venture, joining Avenue Systems LLC's ScanToVerify®, and iConnect Inc.'s iExchangeweb®.

This integrated solution is designed to meet all Automotive OEM (Ford, GM, DCX, Honda, Toyota, etc) EDI, shipping, labeling and scanning requirements. It utilizes outsourced web services for EDI mapping and translation. It joins these with an on-site system for Customer Service and Shipping, with interfaces to any ERP or Accounting software. The results: A system implemented quickly with minimal initial and ongoing infrastructure expenses. It ensures accurate shipments based on user requirements made with reduced manual entry, and automated and streamlined processes. Labels and ASNs are printed and generated to specific customer requirements.

iExchangeweb: Outsourced EDI/Van services are fully leveraged to minimize up-front investment costs and to quickly implement new EDI trading partners. No in-house EDI translation and mapping software is required. New trading partners are added quickly, because of iConnect's extensive data mapping capabilities and expertise. The iConnect team becomes your EDI department, working on the technical side with your customers' EDI contacts to ensure a smooth transition. Further, iExchangeweb is easy for your Shipping and Customer Service personnel to learn, because it has an email-like user interface. So, anyone familiar with email can quickly learn to use iExchangeweb to review inbound documents in printed/viewable form. Inbound data (customer schedules and discrete orders) is obtained via FTP (File Transport Protocol) already formatted to the ScanToVerify specifications. Only Internet access is required to obtain customer data; not special modems.

ScanToVerify:

Customer Service and Shipping functions are performed using in-house hardware and a Windows database, using the intuitively simple ScanToVerify Shipping and Demand Management solution. EDI ordering documents (discrete orders and schedules) are loaded into the database, where manual orders and schedules may also be entered. Pick Lists and Customer shipments are automatically generated based on customer requirements.

Container labels are automatically generated for production **line-side labeling** using a wireless barcode scan of an internal Quality document, followed immediately by a scan of the newly printed container label. This **“dual scan”** ensures correct product identification for shipment preparation. Labels without this dual scan are not allowed on a shipment.

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The shipment is set and pick lists are generated automatically using customer requirements, which can be overridden based on available inventory, customer phone calls, etc.

The shipment is then thoroughly scanned using a two-step real-time wireless barcode scanning process, followed by an automated reconciliation performed in the shipping office. All customer required forms and master labels, as well as the ASN, are generated from this base of verified data. All of this is done with minimal data entry on the part of shipping personnel, usually just the trailer number.

Feature Summary:

iConnect Inc.'s iExchangeweb:

1. EDI communication and translation of all inbound and outbound electronic documents, following all major international standards (AIAG X12, EDIFACT, ODETTE, etc.).
2. Simple Excel CSV file methodology for entering hardcopy/fax orders into iExchangeweb, for non-EDI trading partners.
3. Mapping of data in and out of the proprietary formats used by ScanToVerify for inbound customer schedules and discrete orders, and outbound Advance Shipment Notifications (ASNs).
4. Backup/Manual ASN generation, requiring only a web browser and an Internet connection.
5. Web browser access to all customer documents in printable/viewable form.

Avenue Systems' ScanToVerify:

1. Maintenance screens for master-files:
2. Line-side labeling and dual-scan verification of customer container labels.
3. Generation of pick lists and shipments based on customer demand and standard containers quantities and part-numbers.
4. Automated Preparation of Mixed, Master, and Quick Receive Labels for the shipment.
5. Wireless Container and Pallet Scanning for shipment verification.
6. Shipment Reconciliation Function and Report, to verify the accuracy of the shipment and itemize any errors.
7. Printed Shipper/ Packing List, available for reconciled shipments only.
8. Shipment confirmation, with integrated generation of ASN.

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9. Transmittal of the scanned and reconciled shipment/ASN to iExchangeweb.
10. ERP interface data:
 - a. Shipments, for invoicing, A/R, reduce inventory for shipments.
 - b. Open Orders/Schedules, for MRP and inventory planning.
11. Pre-approved for Honda suppliers for container labeling, shipment scanning procedures, shipping documents, and EDI.
12. Implemented within weeks and integrated to your plant ERP or Accounting software.

Plant Infrastructure Requirements

- 1) Internet access in Shipping and Customer Service.
- 2) A Windows server PC on a LAN where the application software, database, and telnet server software are installed.
- 3) 80211b/g wireless scanning terminals running VT terminal emulation.
- 4) Zebra ZPL thermal transfer barcode printers in Shipping and in Production or Packaging, where customer containers are filled.

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