

# Electronic Data Interchange **EDI**



## **WHAT IS ELECTRONIC DATA INTERCHANGE?**

Electronic Data Interchange (EDI) is the computer-to-computer exchange of business documents between companies using a standard format. Rather than processing paper and sending it through the mail, or communicating via fax or e-mail, EDI users exchange business data directly between their respective computer systems.

EDI use is not limited by differences in computer systems or communications equipment among trading companies (your customers). It bridges the previous information gap between companies with different computer systems.

How do EDI standards actually work? EDI transmits information such as a manufacturer's order to the warehouse or the warehouse's reporting or acknowledgements to the manufacturer. Through EDI, the warehouse and its customer communicate clearly and quickly about the logistical movement of products.

### Accuplus® EDI

Accuplus® accommodates standards that include X12, UCS, EMBARC, and others. EDI is extremely flexible. With this in mind, Accuplus and The LDS Corporation provide the capabilities and services for supporting standard or non-standard transaction sets. Thus, through EDI, you can respond to your customers' needs whether they use a value added network (VAN) or communicate directly to your warehouse. With either method, Accuplus has the EDI solution for you.

When information is captured through the EDI process, Accuplus distributes the data to the various processes to perform the functions indicated by the transaction type. Information can be communicated for reports as varied as inbound receipts, outbound orders, inventory reports, activity reports, confirmations of receipts and shipments, invoices, functional acknowledgments, and more. Using LDS and the EDI subsystem for Accuplus, you can keep your customers informed and satisfied.

Almost every warehouse should be EDI-capable. Fewer and fewer manufacturers will consider using the services of warehousing and distribution facilities not equipped with EDI. You can be up and running with the Accuplus EDI Module in no time.

EDI allows you to transmit most of your transaction volume electronically. Companies using EDI on a volume basis realize definite competitive advantages:

- Reduced Inventory Levels
- Inventory Cost Reduction
- Increased Warehouse "Turns"
- Better Use of Warehouse Space
- More Accurate Inventory Projections
- Fewer Out-of Stock Conditions
- Fewer Expedite Situations
- Lower Freight Costs
- Improved Planning for Receiving/Shipping
- More Efficient Use of Personnel
- More Effective Use of Dock Space
- Reduced Time on Discrepancies
- Fewer Back Order Situations
- Fewer Product Returns
- Better Order Status Information
- Reduced Paperwork Errors

### EDI Transaction Sets:

#### Incoming

- 816 – Consignee Maintenance
- 846 – Inventory Inquiry/Advice
- 850 – Purchase Order
- 856 – Ship Notice/Manifest
- 864 – Text Message
- 875 – Purchase Order

- 888 – Item Maintenance
- 940 – Warehouse Shipping Order
- 943 – Warehouse Stock Transfer Shipment Advice
- 994 – Administrative Message
- 997 – Functional Acknowledgement
- 999 – Acceptance/Rejection Advice EMBARC Incoming for Paper Module

#### Outgoing

- 210 – Motor Carrier Freight Invoice
- 214 – Trans. Carrier Shipment Status Message
- 812 – Credit/Debit Adjustment
- 846 – Inventory Inquiry/Advice
- 852 – Warehouse Activity Report
- 856 – Advance Ship Notice
- 870 – Order Status Report
- 941 – Inventory Status Report
- 942 – Warehouse Activity Report
- 944 – Warehouse Stock Transfer Receipt Advice
- 945 – Warehouse Shipping Advice
- 947 – Warehouse Inventory Adjustment Advice
- 997 – Functional Acknowledgement
- 999 – Acceptance/Rejection Advice EMBARC Outgoing for Paper Module

### How Do You Get EDI Installed on Your System?

- EDI Transaction Set/Maps are developed.
- Communications type is determined.
- LDS dials in and turns it on.
- Your module booklets and manuals are sent.
- Your training schedule is established.

