

Surtel Technologies

- White Paper -

JD Edwards EnterpriseOne EDI Process



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Overview

Electronic Data Interchange (EDI) is the paperless, computer to computer exchange of business transactions, such as purchase orders and invoices, in a standard format with standard content. As such, it is an important part of an electronic commerce strategy.

EDI Standards

EDI Standards are the requirements for the format and content of EDI business documents. EDI standards determine the correct order and location of the units of data in an EDI document. All EDI transactions are defined by EDI standards.

Two commonly used EDI standards are:

- EDI for Administration, Commerce and Transport (EDIFACT)
- American National Standards Institute/Accredited Standards Committee X12 (ANSI ASC X12), generic

Both EDIFACT and ANSI ASC X12 contains subgroups, including:

- Automotive Industry Action Group (AIAG)
- Chemical Industry Data Exchange (CIDX)
- Electronic Industry Data Exchange (EIDX)
- Voluntary Inter-industry Communication Standards (VICS)
- Textile/Apparel Manufacturing Communications (TAMCS)
- Sundries and Apparel Findings Linkage Council (SAFLINC)
- U.S. Government

Subset of ANSI ASC X12 includes:

- Transportation Data Coordinating Committee (TDCC), transportation industry, including air, rail, motor and ocean
- Uniform Communication Standard (USC), grocery industry

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EDI Document Processing

Inbound Documents: An Inbound document is a document that you receive from the trading partner. When you receive inbound documents, the translator software retrieves the data using network communications and translates the data from EDI standard format to the flat file format.

Outbound Documents: An outbound document is an EDI document that you send to the trading partner using the JD Edwards EnterpriseOne EDI system. When you send outbound documents, an EDI extraction program extracts records from the application tables to send to the trading partner. After the records are extracted they are placed in the EDI interface tables.

Feature

JD Edwards EnterpriseOne Supports the following list of industry used EDI documents like:

- Invoice (810)
- Payment Order (820)
- Lockbox (823)
- Planning Schedule forecast (830)
- Request for Quote (840)
- Price authorization acknowledgement/status (845)
- Purchase Order (850)
- Purchaser Order acknowledgement (855)
- Shipping notice (856)
- Purchase Order change (860)
- Receiving advice (861)
- Purchase Order Response Message (865)
- Functional Acknowledgements (997)

JD Edwards EnterpriseOne includes features for enterprise resource planning that enable us to use electronic commerce for these business transactions:

- **Business to Business** - For Planning, Processing and tracking information across the supply chain.
- **Business to Customer** – For connecting company with customers.
- **Business to employee** – For exchanging information and automating key business processes.

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Advantages

With the implementation of JD Edwards EnterpriseOne EDI process you will gain the following advantages:

- Shorter fulfillment cycle.
- Reduced Errors.
- Creates a competitive advantage.
- Improved delivery of goods and services.
- Builds closer business partnership.
- Transfers information faster and more accurately.
- Automates routine transactions.
- Improve productivity and business controls.
- Provides quick response capability.
- Decreased time in generating payments and invoices.
- Decreased time in recording receipts of payment.

Summary

Surtel strongly believes in using the base JD Edwards functionality to its fullest extent. We implemented JD Edwards EDI process along with third party tools like GenTran and Mercator, etc.

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