W**elcome to the 2020 EASI Conference**

**Acronyms/Terminology A to Z:**

A/P – Accounts Payable

A/R – Accounts Receivable

API – Application Programming Interface, an interface or communication protocol between different parts of a computer program intended to simplify the implementation and maintenance of software.

[ASN](https://www.easistandards.com/856-asn) – Advanced Shipment Notice, Advanced Ship Notice, Advanced Shipping Notice, a notification of pending deliveries, an electronic packing list.

BOL – bill of lading, a document issued by the carrier to acknowledge receipt of a shipment to be delivered.

CO – Corrected -used in files when a corrected file is sent.

[DUNS number](https://www.dnb.com/duns-number.html)- Data Universal Numbering System, a proprietary system developed and regulated by Dun & Bradstreet that assigns a unique numeric identifier, referred to as a "DUNS number" to a single business entity.

[EASI](https://www.easistandards.com/) - Embellished Activewear Standards Initiative (<https://www.easistandards.com/>)

[EDI](https://en.wikipedia.org/wiki/Electronic_data_interchange) – Electronic Data Interchange, computer-to-computer exchange of business documents in a standard electronic format between business partners.

[FDM4](https://www.fdm4.com/) – software solutions provider

[FTP](https://en.wikipedia.org/wiki/File_Transfer_Protocol) – File Transfer Protocol, a standard network protocol used for the transfer of computer files between a client and server on a computer network.

* FTPS is FTP with SSL (secure socket layers) for security.
* SFTP (SSH File Transfer Protocol/**S**ecure **F**ile **T**ransfer **P**rotocol) was designed as an extension of SSH to provide file transfer capability, so it usually uses only the SSH (secure shell) port for both data and control.

[GTIN](https://www.easistandards.com/productid-gtin) - Global Trade Identification Number, an identifier for trade items, developed by GS1. They are used to look up product information in a database which may belong to a retailer, manufacturer, collector, researcher, or other entity.

For North American companies, the UPC (Universal Product Code) is an existing form of the GTIN.
Data structures of GTIN include:

* GTIN-12 (UPC-A): this is a 12-digit number used primarily in North America
* GTIN-8 (EAN/UCC-8): this is an 8-digit number used predominately outside of North America
* GTIN-13 (EAN/UCC-13): this is a 13-digit number used predominately outside of North America
* GTIN-14 (EAN/UCC-14 or ITF-14): this is a 14-digit number used to identify trade items at various packaging levels

[PDD](https://www.easistandards.com/832-pdd) - Product Description Database, a SKU level item list with related SKU information.

[PO](https://www.easistandards.com/850-po) – Purchase Order

[POS](https://www.easistandards.com/852-point-of-sale) – Point of Sale, daily sales and inventory levels at the item level

[SSCC](https://www.easistandards.com/master-carton-label) or SSCC18 - Serial Shipping Container Codes, establishes a consistent carton label with barcodes

[SCAC](http://www.nmfta.org/pages/scac) - Standard Carrier Alpha Code, a code used to identify vessel operating common carriers (VOCC); typically, two to four letters long and were developed by The National Motor Freight Traffic Association.

SKU – stock keeping unit, an item number.

Trading Partner Relationship:

* Buyer – distributor - wholesaler – purchaser
* Supplier - vendor – mill – seller

UCC - Uniform Commercial Code

UOM – Unit of Measure, ea – each, dz, dozen

URL - Uniform Resource Locator, a web address

**Notes:**

**Summary of Standards:**

 **Export Import Relationship**

832- PDD (Product Descriptor Database)

*This file contains critical sku level data for each item including GTIN, weight, color, carton dimensions, carton case pack, etc.*

856 – Advanced Shipment Notification

*This file contains shipping information including tracking, products, units shipped, PO #, etc.*

810 – Invoice

*This file is a request for payment. It contains PO data, prices and terms.*

846 – Inventory Status

*This file contains inventory levels by supplier’s warehouse.*

870 – Order Status

*This file contains open PO number and items, along with the date the supplier expects each PO to ship.*

821 – Account Statement

*This file is used to reconcile outstanding invoices, credits and debits (vendor A/R and buyer A/P).*

181 – Return Auth Response

*This file is the supplier’s response to the buyer’s return authorization request (181).*

IMG – Image Library

*This file communicates different types of images available and is by GTIN.*

 **Export Import Relationship**

850 – Purchase Order

*This file contains the shipping and billing instructions along with items and quantities being purchased.*

861 – Inventory Advice Receipt

*This file contains data related to previously received ASNs that are now physically part of buyer’s inventory.*

180 – Return Auth Request

*This file is a request by the buyer to the supplier to return goods.*

852 – Point of Sale

*This file contains the daily sales and inventory levels for each buyer warehouse. It is provided to the supplier.*

940 – Drop Ship Purchase Order

*This file contains purchase order information for orders to be shipped from the supplier to buyer’s customer.*

867 – Monthly Resale Report

*This file provides a summary of prior month sales information on the first of each month.*

PLUL **-** Product Locator URL Link Standard

*A standardized link to the buyer’s website on the supplier’s website.*

 **Export Import Relationship**

997 – Functional Acknowledgement

*This file alerts the trading partner of a successful file receipt.*

Routing Envelope

*All transmitted EDI files are “wrapped” in an envelope – used to provide relevant information needed to transmit each file between trading partners.*

**Notes:**

**Key Data Elements:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Set** | **Code** | **Description** | **Notes** |
|  | C | Conditional | Field is dependent on other fields and may or may not be filled. |
|   | O | Optional | Field is optional, filling preferred. |
|   | R | Required | Field must be filled. |
|  |  |  |  |
| **Format** | AN | Alpha-Numeric | Default: Include leading zero's |
|   | DT | Date | Default: CCYYMMDD |
|   | ID | Identification Code | Default: Include leading zero's |
|   | N | Number | Default: No leading zero's, no commas, no decimals |
|   | R | Real Number | Default: Real number including decimals  |
|   | TM | Time | Default: HHMMSS (24-hour clock) |
|  |  |  |  |
| **Field Size** | # / # | Min/Max Length | First value is minimum length of field, second value is maximum. |

Envelope – used to provide relevant information needed to transit each file between trading partners.

**Compliance Matrix:**

The compliance matrix contains trading partner compliance information; the who is on what version. The matrix is populated by technical committee throughout the year as updates are provided.





*Please submit all compliance changes/updates to**webmaster@easistandards.com**.*