

Managing Automated Electronic Data Exchange (EDI) Orders with xTuple Connect

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EDI with xTuple

Scott Zuke

- xTuple partner for 10+ years
- Implementation of the year – 2012
- Open source evangelist
- Contributor – Time and Expense
- HaxTuple Winner

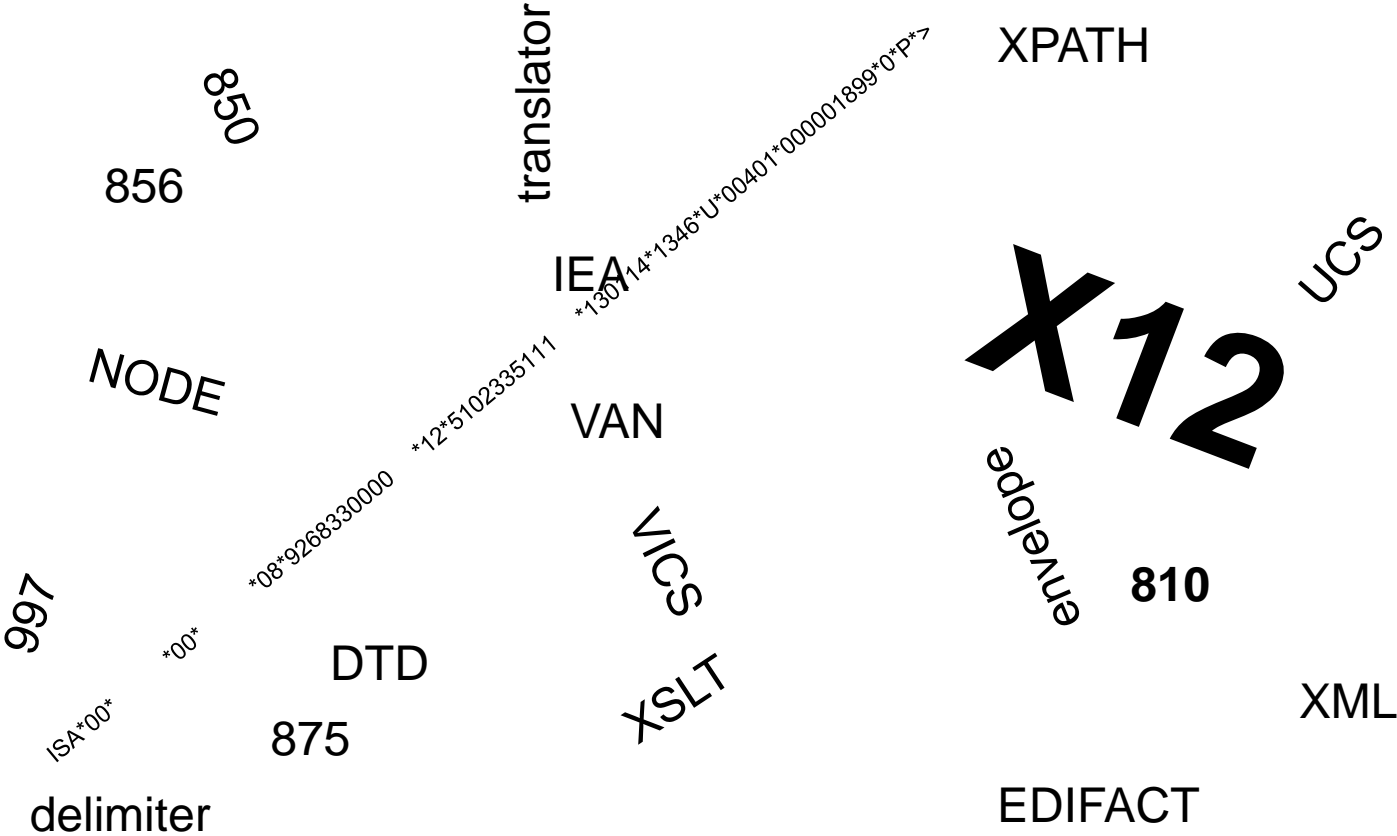


What is EDI?



Electronic Data Interchange
computer-to-computer exchange of business data

What is EDI?



Islands of automation?

Rip and read

Fax and key

Email and key



Complexity

X12 is extremely complex and not programming friendly.

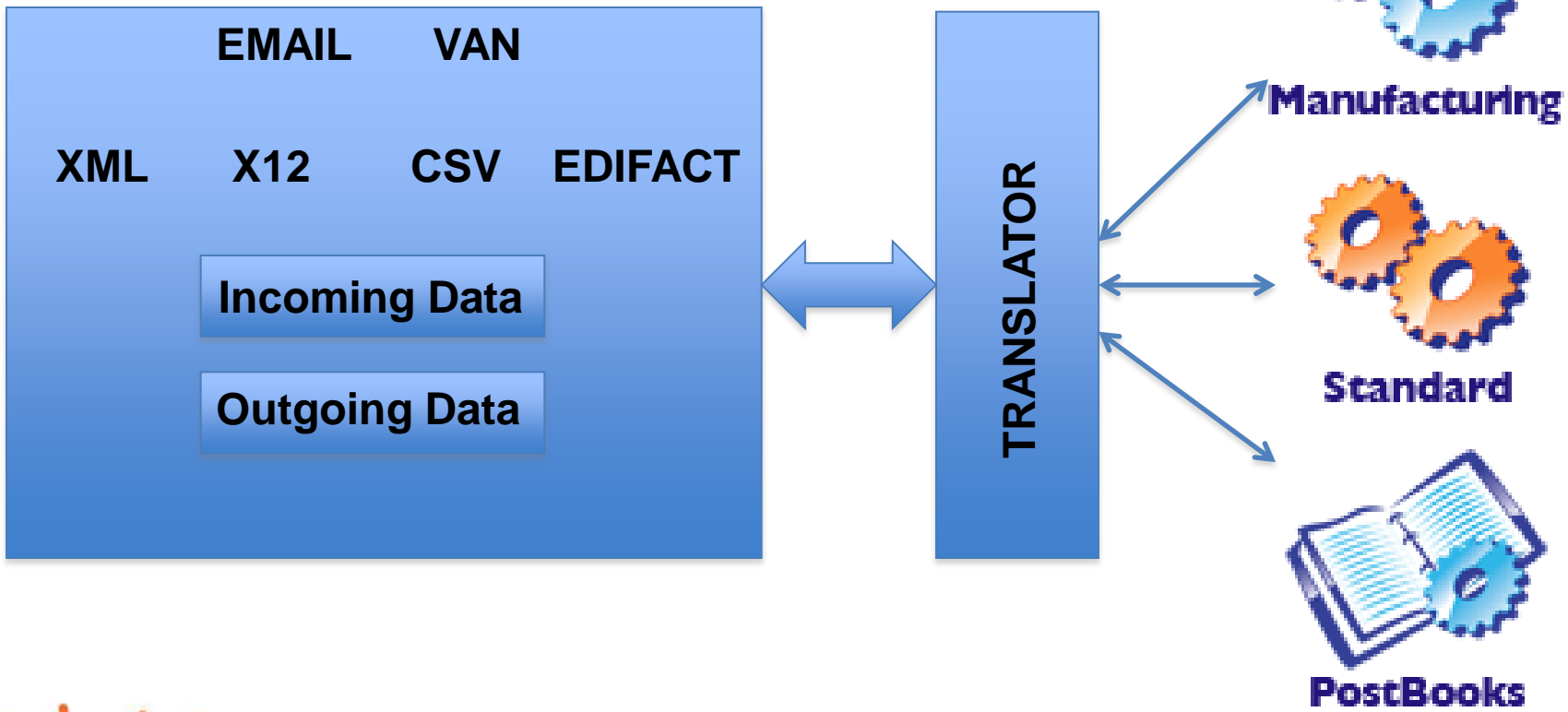
Translation

- Value-added Networks (VANs)
- In-house software (developed)
- In-house software (purchased)
- SAAS options

- Typically provide delimited files (CSV, tabbed, etc)
- Will often provide XML files



EDI Communications



Prodiem Toys Warehouse 1
 Prodiem Toys Inc.
 1 Playland Way
 Norfolk 23180
 United States



Purchase Order

P/O NUMBER 20110
 ORDER DATE 10/04/13
 PAGE 1
 PRINT DATE 10/04/13

to: Toy Parts Inc.
 Mr. Joe Tungsten
 100 Toy Park Place
 Merryfield GA 21334
 United States

SHIP Mr. Jed Hastings
 TO: Prodiem Toys Inc.

F.O.B.

SHIP VIA:

Destination

UPS

LINE	OUR ITEM # YOUR ITEM #	ITEM DESCRIPTION
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1	RTRUCK1	Red Tough TruckCollectors
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I-COLOR=PL126

ST*850*0001~
 BEG*00*NE*20110**20131004~
 N1*VN*TPARTS*9*5102337111~
 N3*100 Toy Park Place~
 N4*Merryfield*GA*21334~
 N1*ST*PRODIEM*9*0091372092536~
 N2*Prodiem Toys Inc.~
 N3*1 Playland Way~
 N4*Norfolk*VA*23180~
 PO1*1*10*EA*1.34**VP*RTRUCK1~
 CTT*1~
 SE*16*0001~



XML Example

```
<?xml version="1.0" standalone="yes"?>
<NewDataSet>
  <Order>
    <Customer><Name>Company Name</Name>
    <Address>Address, City, State, Zip</Address>
    <Customer Number>101</Customer Number></Customer>

  <Items>
    <Item><Product Number> 25</Product Number>
    <Qty>25</Qty></Item>
    <Item><Product Number> 30</Product Number>
    <Qty>15</Qty></Item>
  </Items>
</Order>
</NewDataSet>
```



Why do we need EDI?

Customer driven???

Walmart, Food Lion, Home Depot, etc

Most EDI implementations are driven due to customer or regulatory requirements.

Begin with a better goal in mind...



Make more money!!!

Typically, you improve profits by either...

- **Cutting Costs**

Cost savings – kind of boring – but necessary

- **Increasing Revenue**

New channels!!!

Are you selling through Amazon, Yahoo, Home Depot???

EDI can open the door to many more selling opportunities.



Import Demo

Importing can be done without Connect, but it is a manual process.

Translation

- Assuming incoming XML
- XSLT maps are used to translate incoming XML to xTuple XML



Import Demo (Connect)

Importing with Connect fully automates the incoming order process.

Scheduled Imports

- Enables the ability to schedule imports as needed.
- Pull in orders overnight and have them waiting when the users arrive at their desk.



Outbound Demo

The Outbound process is so greatly enhanced by Connect that it should be considered essential.

Process Integration

- Using EDI Profiles, transactions are tied to a process. When you print an invoice, the Outbound transaction is automatically created.
- This process is usually demonstrated with an emailed invoice, but the output can be xml, csv, etc.



Questions



WORLD'S #1 OPEN SOURCE ERP

www.xTuple.com

Contact

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