



MABUG 2019

ECOMMERCE

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- Last year
 - eCommerce engine
 - Connectivity in development
- Where are we today?
- What's Next?



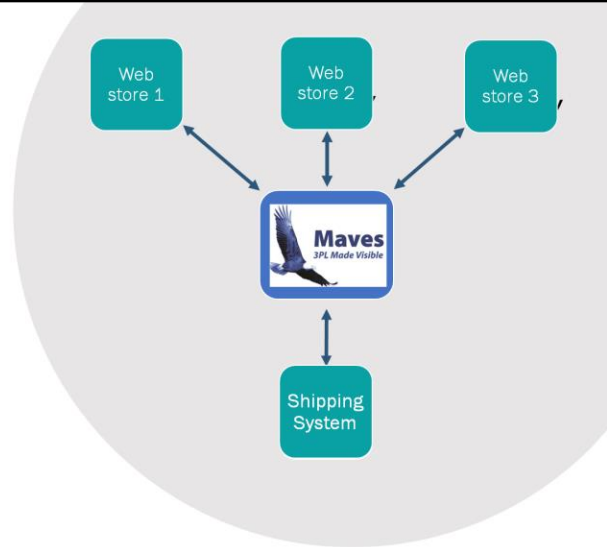
Review of what we had last year

How it works – the cogs icon, integrates with EDI

In the cloud

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- Retrieve orders from Web store
- Update tracking number to Web store
- Inventory update



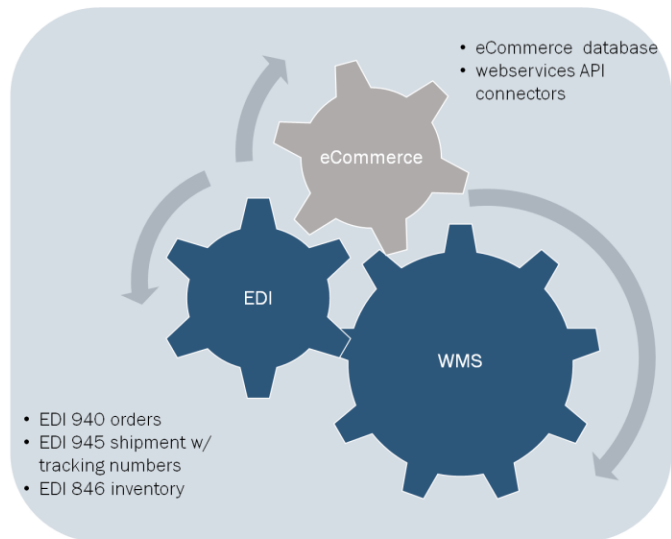
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Your client has a webstore
So how do you connect?

In the cloud

eCommerce

Webstore Integration in the cloud



It became apparent to us that the most efficient way to deploy this solution would be to put the eCommerce engine in the cloud

Our eCommerce system connects to the webstore then creates a 940 EDI transaction which it sends to your server to create orders

You may ask - Why would we Moves do this – isn't this a departure from having everything on my local server?

Webstore integration requires newer technologies – programs are written in Java, database is DB2, other tools also required (you know how often your own PC's require updates)

By putting it in the cloud it means we don't have put all the latest updates on your system- these may require a newer version of os, java, db2 and other tools. It would not be cost effective. We maintain this on one machine, located in our data centre north of Toronto.

The eCommerce system interacts with the webstore and manages communications

between it and your system

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- What's new
 - Connectivity to Shopify, Magento (includes sending track# and inventory batch load to the store)
 - Automated order retrieval – schedule
 - Inventory short report for client



6

Connectors developed for Shopify and Magento – 2 of the top vendors of web store platforms

Could we connect to others? – from investigation done these operate similarly – using webservices xml over https.

You might have heard that Canada legalized.... And the platform chosen for online sales was Shopify, knowing this...

This includes – ability to retrieve orders from these web stores

After we get tracking # from the shipping system – send the webs store the track #

Inventory batch load eg. daily+ update of inventory – assumes the web store has some basic capability of keeping inventory at sku level eg. we tell them we have 100 of sku A and as they sell it during the day they decrement this number.

Of course during the day trucks arrive with more product so they don't have this information until they receive the update.

The alternative is on demand inventory

SHIPSTATION PROCESS – 1

- High Volume of orders
- Inventory Synchronization
- Order Cycle
 - 2pm cutoff for shipping next day
 - Orders picked day of shipping



Processes 1-5 occur several times throughout the day

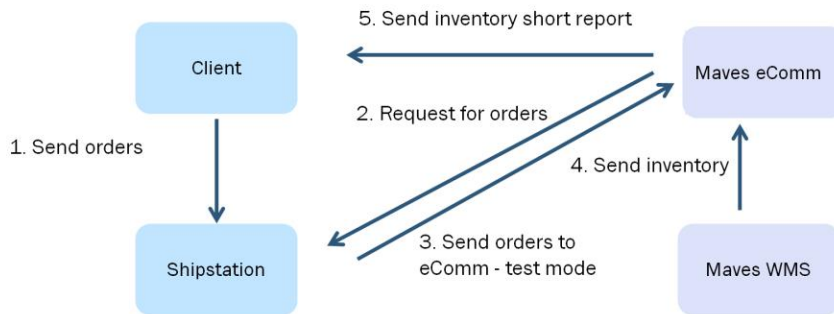


The Maves eComm system is in the cloud

1. Orders from the client's webstore are sent to Shipstation
2. The Maves eComm system polls Shipstation on a scheduled basis several times a day to see if new orders are available for download.
3. If there are orders that meet the criteria for pickup these are retrieved into the eComm system but only for inventory determination (preprocess).
4. The Maves eComm system obtains the up to date inventory from the Maves WMS system
5. A report of potential inventory shortages is emailed to the client, which gives them the time to change orders before being finalized

This cycle repeats every day

SHIPSTATION PROCESS – 1



Processes 1-5 occur several times throughout the day

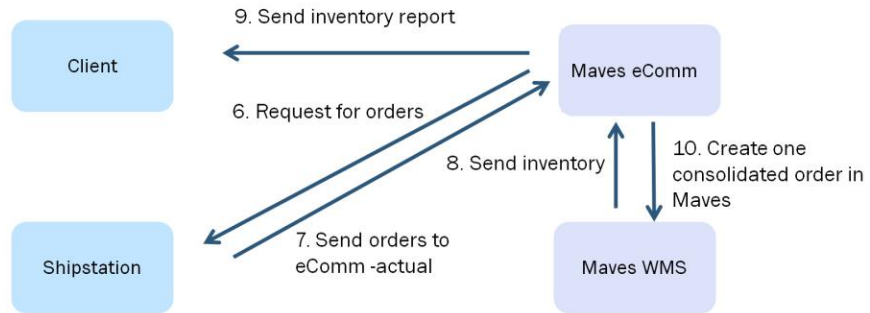


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SHIPSTATION PROCESS – 2



Processes 6-10 occur at midnight



The Maves eComm system is in the cloud

6. The Maves eComm system polls Shipstation on a scheduled basis at midnight to get actual orders to be picked the next day

7. Orders that meet the criteria for pickup these are retrieved into the eComm system

8. The Maves eComm system obtains the up to date inventory from the Maves WMS system

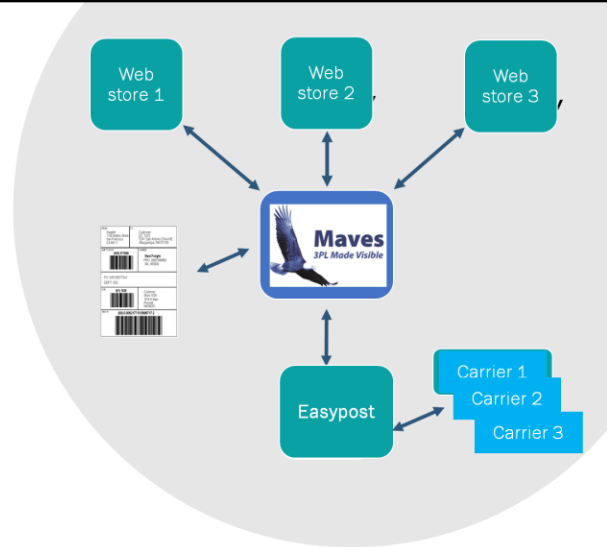
9. Inventory report (all) is sent to the client

10. A consolidated order is created for all items

This cycle repeats daily

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- What's Next?
- Easypost
 - Accepts orders from eComm
 - Interfaces to multiple carriers
 - Calculates rates
 - Creates label and tracking #
 - Sends data back to eComm



Why Easypost?

Explanation of how Easypost will work



THANK YOU



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