

Bridge Connector Service



Purpose

This document will outline the features and various customer scenarios of the Bridge Connector Service (BCS).

Bridge Connector Service (BCS) – in a nutshell

In today's world of disjointed sales channels, it becomes expensive and time consuming to share order, customer and inventory data between systems.

During the countless integrations that netCentrix has been involved with our netCache eCommerce system, we have developed a library of feeds between disparate systems – for example, a front end system (such as an eCommerce store) needing to pass data to and from a back end system (such as Microsoft A/X or a custom Fulfillment system). Another example is a storefront such as Amazon or eBay. This data might include orders, tracking information, inventory updates and customer data.

BCS is a Cloud based service that provides the necessary connections between these systems. Usually there is nothing to install on either the front end or back end systems. As systems are upgraded to newer versions, BCS adapts to those changes - thereby eliminating the need for internal resources to manage these integrations in the future.

Process Flow

Let's look at a scenario where an environment would consist of a Magento eCommerce site and an instance of JDA DirectCommerce/Ecometry as the fulfillment platform. The customer requirement in this scenario would consist of orders flowing from Magento to Ecometry, order status/tracking/shipping info from Ecometry to Magento and inventory level updates from Ecometry to Magento.

BCS would act as “middleware” between the two systems. Orders would be pulled from Magento into BCS via one connector. Within 20 seconds,



those orders would be pushed from BCS into Ecometry via another connector. Unlike other services that do not store data, this adds a level of reliability in the event that something goes wrong in either system – BCS can resend those orders when needed.

Likewise, when an order ships in Ecometry, BCS will pull the shipment information from Ecometry and then update Magento. Inventory can also be pushed to Magento – such as inventory levels, Purchase order info, titles, pricing, etc.

Another example is a customer that has multiple storefronts – Shopify and eBay, and wants those to integrate with VeraCore, for example. This would involve 3 connectors – one for each system.

Front End Systems

The following is a list of Front End Systems currently supported by BCS:

- *Magento*
- *Amazon*
- *eBay*
- *WalMart*
- *Yahoo*
- *Volusion*
- *Shopify*
- *Mozu*
- *Clover POS*
- *RevelSystems POS*
- *ePOSNow POS*
- *Sears*
- *Jet.com*
- *overstock*
- *zulily*
- *XCART*
- *BigCommerce*



- *Google*
- *Squarespace*
- *3DCart*
- *Channeladvisor*
- *CommerceHub*
- *zen cart*
- *BlueCherry*
- *UltraCart*
- *Wayfair*
- *Woo Commerce*
- *EDI*
- *XML*

Back End/ ERP Systems

The following is a list of Back End Systems currently supported by BCS:

- JDA Direct Commerce/Ecometry
- Microsoft A/X
- Microsoft Dynamics
- Navision
- JDE
- SAP
- CircleCommerce
- Blue Cherry
- M.O.M.
- 3pL Central
- Motivational Fulfillment
- NetSuite
- ShipStation
- OrderTrax
- VeraCore
- VSR
- Data Warehouse

Customization



While BCS usually does not need customizations, we recognize that some installations will require various mappings particular to a customer's ERP system – this is especially true when connecting to a Data Warehouse system (which are usually already customized). BCS is very flexible with these customizations on a customer by customer basis.

Fulfillment Partners

BCS has been very popular among Fulfillment companies. Since these companies usually have many clients with their own storefronts – BCS is a perfect choice to extend the Fulfillment company's abilities to integrate with their clients without having to keep an internal staff. netCentrix also offers volume based discounted pricing to these types of environments.

Pricing Model

Pricing is based on volume and the number of connectors required.

Let's use the example of a customer that has a single Amazon store and wants to integrate with Microsoft Navision. This would involve two connectors – one for Amazon and one for Navision. Each connector would be priced independently. Then later on the customer wants to also include a Walmart store. This would simply only involve adding only one more connector (for Walmart) since the customer already has a connector to Navision (note: the cost of the Navision connector might increase depending on the added volume from the Walmart store). Please contact a netCentrix representative for the latest pricing.

Timing

Once netCentrix has received credentials to the Front End Store and access to the Back End/ERP system, all connectors can usually be ready for testing in one week.

API

BCS provides an XML based API (usually via HTTPS) so that a customer can query the data that has been stored in BCS – for orders, inventory etc. in



addition to sending updates to their Front End System(s). Conversely, our API can be used to send orders from a front end system to any back end system.

For the latest information, please visit <http://www.nc-1.com/connector> or call us at 855-NC1-2368.

