

HCL Commerce V9.1

PunchOut2Go Integration with HCL Commerce

Draft - Version 0.1
Jan 28, 2021



HCL Commerce

Document Source

Version #	Date	Version Description and Summary of changes	Editor
0.1	Jan 28, 2021	Draft - First version for review	Rahul Yewale

1. Introduction

This document is about the integration of HCL Commerce with PunchOut2Go where HCL Commerce provides commerce functionality and PunchOut2Go provides two-way integration between an HCL Commerce store and hundreds of e-procurement and ERP platforms. With PunchOut2Go, B2B sellers can provide WebSphere punchout to their customers without the expense of manual integration.

2. About the Code

Once you have received approval to integrate the PunchOut2Go, you will receive a V9_PunchOut2Go_Integration.zip file, which contains the following folders:

1. DataLoad
2. Rest
3. WebSphereCommerceServerExtensionsLogic

3. Prerequisites

1. Buyer and Supplier Organization should be created and approved.
2. Under Buyer Organization Procurement Buyer Administrator User should be created and same should be approved
3. Contract between Buyer and Supplier Organization should be placed.
4. Note down the following Id's generated in above steps and Update the PunchOut2Go.sql file from DataLoad/sql/PunchOut2Go.sql
 1. SUPORG_ID
 2. BUYORG_ID
 3. CATALOG_ID
 4. CONTRACT_ID
 5. SUPORG_NAME
 6. BUYORG_NAME

4. Integration Steps

- 4.1. BACKUP ALL FILES
- 4.2. Run DataLoad
 - Run PunchOut2Go.sql from DataLoad/sql/PunchOut2Go.sql
- 4.3. Merge the "Rest" changes
 - Merge the below files V9_PunchOut2Go _Integration to your "{HCL Commerce workspace} \Rest".
Add the code that is between the comments ## PunchOut2Go Start ## AND ## PunchOut2Go End ##

- | |
|--|
| <ol style="list-style-type: none">1. Rest\WebContent\WEB-INF\config\resources-ext.properties |
|--|

4.4. Copy the “WebSphereCommerceServerExtensionsLogic” changes

- Copy the below files/folders from V9_ PunchOut2Go _Integration to your “{HCL Commerce workspace} \WebSphereCommerceServerExtensionsLogic”.

- | |
|--|
| <ol style="list-style-type: none">1. WebSphereCommerceServerExtensionsLogic\src\com\hcl\commerce\integration\punchout\commands\ (Copy Complete Folder)2. WebSphereCommerceServerExtensionsLogic\src\com\hcl\commerce\integration\punchout\handler\ (Copy Complete Folder) |
|--|

4.5. Restart the Server.

4.6. Clear the cache of browser.

5. PunchOut2Go account

To create the PunchOut2Go account we need to share HCL Commerce REST API which are required for this integration with PunchOut2Go.

New REST API created for this integration:

1. PunchOut2Go Session Setup
2. Order Submission from PunchOut2Go
3. Shopping Cart Submission

For more information regarding REST API please check the High-Level Design for PunchOut2Go Integration with HCL Commerce V9

Share these REST API’s details with PunchOut2Go then PunchOut2Go will create the Sandbox Account for the integration.

Using PunchOut2Go Sandbox account many Procurement system can do the shopping at HCL Commerce store.