

Don't be tied to a sub-par commerce platform because of your ERP system.

20 Real Life Use Cases



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20 Sample ERP & Commerce Integration Use Cases

A large percentage of an organizations most valuable business data lies within it's ERP infrastructure. This data, whether product, advanced-pricing, inventory, contracts or order status, is crucial for a relevant, accurate and connected buying experience. It's why one of the top questions people have when considering a new commerce cloud solution is, "Can you integrate with our existing "X" ERP system?"

Built with an API-first architecture, Commerce Cloud features an open, REST Web Services framework that is needed to accelerate integrations across front-end and back-end business applications. This guide will walk you through sample ERP and commerce integration use cases and the webhooks and REST endpoints provided by Commerce Cloud to dramatically cut down integration time and cost to Oracle ERP and/or third-party systems.



1

Account created/updated outside and synced in Oracle Commerce Cloud

- Oracle Commerce Cloud provides below Rest services for syncing account data one by one
 - /ccadmin/v1/organizations (createOrganization)
 - /ccadmin/v1/organizations/{id} (updateOrganization)
- Oracle Commerce Cloud provides bulk import capability of account for importing account data in bulk
 - Plugin name: Accounts
 - More details are available [here](#).

2

Account created/updated in Oracle Commerce Cloud and synced outside

- Oracle Commerce Cloud provides below webhooks for syncing account data one by one
 - Account Create
 - Account Update
- Oracle Commerce Cloud provides bulk export capability of account for exporting account data in bulk
 - Plugin name: Accounts
 - More details are available [here](#).

3

Catalog created/updated outside and synced in Oracle Commerce Cloud

- Oracle Commerce Cloud provides below Rest services for syncing catalog data one by one
 - /ccadmin/v1/catalogs (createCatalog)
 - /ccadmin/v1/catalogs/{id} (updateCatalog)
- Oracle Commerce Cloud provides bulk import capability of catalog for importing catalog data in bulk
 - Plugin name: Catalogs
 - More details are available [here](#).

4

Catalog created/updated in Oracle Commerce Cloud and synced outside

- Oracle Commerce Cloud provides bulk export capability of catalog for exporting catalog data in bulk
 - Plugin name: Catalogs
 - More details are available [here](#).

5

Collections created/updated outside and synced in Oracle Commerce Cloud

- Oracle Commerce Cloud provides below Rest services for syncing collection data one by one
 - /ccadmin/v1/collections (createCollection)
 - /ccadmin/v1/collections/{id} (updateCollection)
- Oracle Commerce Cloud provides bulk import capability of collection for importing collection data in bulk
 - Plugin name: Collections
 - More details are available [here](#).

6

Collections created/updated in Oracle Commerce Cloud and synced outside

- Oracle Commerce Cloud provides bulk export capability of collection for exporting collection data in bulk
 - Plugin name: Collections
 - More details are available [here](#).

7

Inventory created/updated outside and synced in Oracle Commerce Cloud

- Oracle Commerce Cloud provides below Rest services for syncing inventory data one by one
 - /ccadmin/v1/inventories (createInventory)
 - /ccadmin/v1/inventories/{id} (updateInventory)
- Oracle Commerce Cloud provides bulk import capability of inventory for importing inventory data in bulk
 - Plugin name: Inventory
 - More details are available [here](#).

8

Inventory created/updated in Oracle Commerce Cloud and synced outside

- Oracle Commerce Cloud provides bulk export capability of inventory for exporting inventory data in bulk
 - Plugin name: Inventory
 - More details are available [here](#).

9

Profile created/updated outside and synced in Oracle Commerce Cloud

- Oracle Commerce Cloud provides below Rest services for syncing profile data one by one
 - /ccadmin/v1/profiles (createProfile)
 - /ccadmin/v1/profiles/{id} (updateProfile)

For an exhaustive list of APIs refer to REST API Documentation.

- Oracle Commerce Cloud provides bulk import capability of profiles for importing profile data in bulk
 - Plugin name: Profiles
 - More details are available [here](#).

10

Profile created/updated in Oracle Commerce Cloud and synced outside

- Oracle Commerce Cloud provides below webhooks for syncing profile data one by one
 - Shopper Registration
 - ShopperAccount Update
- Oracle Commerce Cloud provides bulk export capability of account for exporting account data in bulk
 - Plugin name: Profiles
 - More details are available [here](#).

11

Product created/updated outside and synced in Oracle Commerce Cloud

- Oracle Commerce Cloud provides below Rest services for syncing product data one by one
 - /ccadmin/v1/products (createProduct)
 - /ccadmin/v1/products/{id}/addToCollections (createProductAssignmentToCollections)
 - /ccadmin/v1/products/{id} (deleteProduct)
 - /ccadmin/v1/products/{id} (updateProduct)
- Oracle Commerce Cloud provides bulk import capability of products for importing product data in bulk
 - Plugin name: Products
 - More details are available [here](#).

12

Product created/updated in Oracle Commerce Cloud and synced outside

- Oracle Commerce Cloud provides bulk export capability of product for exporting product data in bulk
 - Plugin name: Products
 - More details are available [here](#).

13

Promotion created/updated outside and synced in Oracle Commerce Cloud

- Oracle Commerce Cloud provides below Rest services for syncing promotion data one by one
 - /ccadmin/v1/promotions (createPromotions)
 - /ccadmin/v1/promotions/{id} (updatePromotions)
 - /ccadmin/v1/promotions/{id} (deletePromotions)
- Oracle Commerce Cloud provides bulk import capability of promotions for importing promotions data in bulk
 - Plugin name: Promotions
 - More details are available [here](#).

14

Promotion created/updated in Oracle Commerce Cloud and synced outside

- Oracle Commerce Cloud provides bulk export capability of promotion for exporting promotion data in bulk
 - Plugin name: Promotions
 - More details are available [here](#).

15

Order created in Oracle Commerce Cloud and fulfilled outside

- Oracle Commerce Cloud provides below webhooks for syncing order data one by one to outside fulfillment system
 - Submit Order
- Oracle Commerce Cloud provides below rest web services, using which outside fulfillment system can back update the order status in Oracle Commerce Cloud.
 - /ccadmin/v1/orders/{id} (updateOrder)
- Oracle Commerce Cloud provides out of the box integration with Oracle Order Management Cloud. More details are available [here](#).
- Oracle Commerce Cloud provides out of the box integration with Oracle Retail Order Management System. More details are available [here](#).

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Order created in Oracle Commerce Cloud and tax calculation done outside

- Oracle Commerce Cloud provides below function webhook for calculating tax outside
 - External Tax Calculation

17

Order created in Oracle Commerce Cloud and shipping charge calculation done outside

- Oracle Commerce Cloud provides below function webhook for calculating tax outside
 - External Tax Calculation

18

Order created in Oracle Commerce Cloud and priced outside

- Oracle Commerce Cloud provides ability to call outside pricing engine using customizable widget and provides below function webhook for validating the price calculated outside
 - External Pricing

19

Order creation starts in Oracle Commerce Cloud and Configured outside

- Oracle Commerce Cloud provides ability to configure the complex products outside during order creation. Oracle Commerce Cloud provides out of the box integration also with Oracle CPQ. In Oracle Commerce Cloud configurator page of Oracle CPQ is hosted using i-frame. Configuration is done in CPQ configurator page. Once configuration is completed, the cart is synced back to Oracle Commerce Cloud.
 - More details are available [here](#).

20

Order creation starts in Oracle Commerce Cloud and quoting is done outside

- Oracle Commerce Cloud provides ability to create quote using outside system. Oracle Commerce Cloud provides out of the box integration also with Oracle CPQ for quoting flow.
- Oracle Commerce Cloud provides below webhooks to send quoting request to outside system
 - Request Quote
 - Update Quote
- Oracle Commerce Cloud provides below Rest API to sync the quote from outside system to Oracle Commerce Cloud
 - /ccadmin/v1/orders/syncQuote (syncQuote)
 - /ccadmin/v1/orders/updateQuoteStatus (updateQuoteStatus)




With Oracle Commerce Cloud you are not tied to a specific back-end system. Simply connect to the ERP system of your choice. Learn more.

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Integrated Cloud Applications & Platform Services

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