

PERPETUAL INVENTORY FOR DOLIBARR ERP CRM

Features

The periodic and perpetual inventory systems are different methods used to track the value of goods on hand. The more sophisticated of the two is the perpetual system, but it requires much more online management of Inventory related GL posting. The periodic system relies upon an occasional physical count of the inventory to determine the ending inventory balance and the cost of goods sold, while the perpetual system keeps continual track of inventory balances.

This Module enables the Perpetual Inventory System, which will enable the posting of Cost of Goods Sold on every Shipment Validation. Also, this module will manage the Goods Received Not Invoiced Posting on the Purchase Module. The Inventory Valuation will be done based on the Weighted Average Cost of the Product.

The Perpetual Inventory Module will be generating a Journal on the Purchase Receipt creation as shown below

Inventory	Dr	Purchase Cost * Received Quantity
Goods Received Not Invoiced	Cr	Purchase Cost * Received Quantity

The Dolibarr Standard Journal posting on the Purchase Invoice is expected to be as shown below (When the Tax / VAT / GST is 0)

Goods Received Not Invoiced	Dr	Purchase Cost * Invoiced Quantity
Accounts Payable	Cr	Purchase Cost * Invoiced Quantity

The Perpetual Inventory Module will be generating a Journal on the Validation of Sales Shipment as shown below

Cost of Goods Sold	Dr	Weighted Average Cost * Delivered Quantity
Inventory	Cr	Weighted Average Cost * Delivered Quantity

Installation

From the ZIP file and GUI interface

- If you get the module in a zip file (like when downloading it from the market place [Dolistore](#)), go into menu Home - Setup - Modules - Deploy external module and upload the zip file.

Note: If this screen tell you there is no custom directory, check your setup is correct:

- In your Dolibarr installation directory, edit the `htdocs/conf/conf.php` file and check that following lines are not commented:

```
//$dolibarr_main_url_root_alt ...  
//$dolibarr_main_document_root_alt ...
```

- Uncomment them if necessary (delete the leading `//`) and assign a sensible value according to your Dolibarr installation

For example :

- UNIX:

```
php    $dolibarr_main_url_root_alt = '/custom';  
$dolibarr_main_document_root_alt =  
'/var/www/Dolibarr/htdocs/custom';
```
- Windows:

```
php    $dolibarr_main_url_root_alt = '/custom';  
$dolibarr_main_document_root_alt = 'C:/My Web  
Sites/Dolibarr/htdocs/custom';
```

Final steps

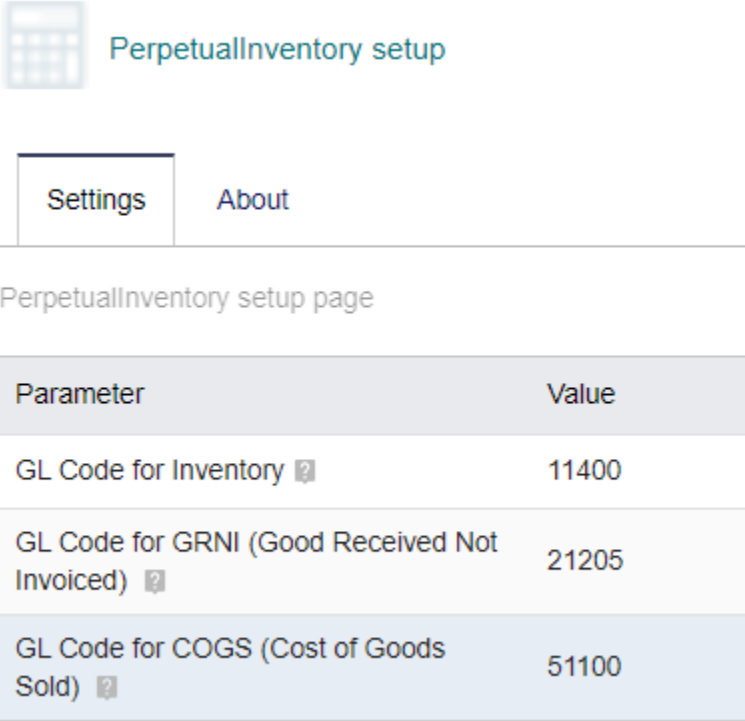
From your browser:

- Log into Dolibarr as a super-administrator
- Go to "Setup" -> "Modules"
- You should now be able to find and enable the module "Perpetual Inventory" Under the "Financial Modules"

Setup to be done for the Module are as follows:

- Click on the Settings Icon after enabling the "Perpetual Inventory" Module for Setting up the Parameters for the General Ledger Posting
- GL (General Ledger) Code for Inventory - Please Keyin the GL code from the Chart of Accounts to record the Posting to be done for Inventory Valuation (Asset) - Used in Purchase Receipt and Shipment Delivery Validation
- GL (General Ledger) Code for GRNI (Goods Received Not Invoiced) - Please Keyin the GL Code from the Chart of Accounts to post the GRNI (Liability) (Contra Account to be posted for Inventory for the Purchase Receipt)

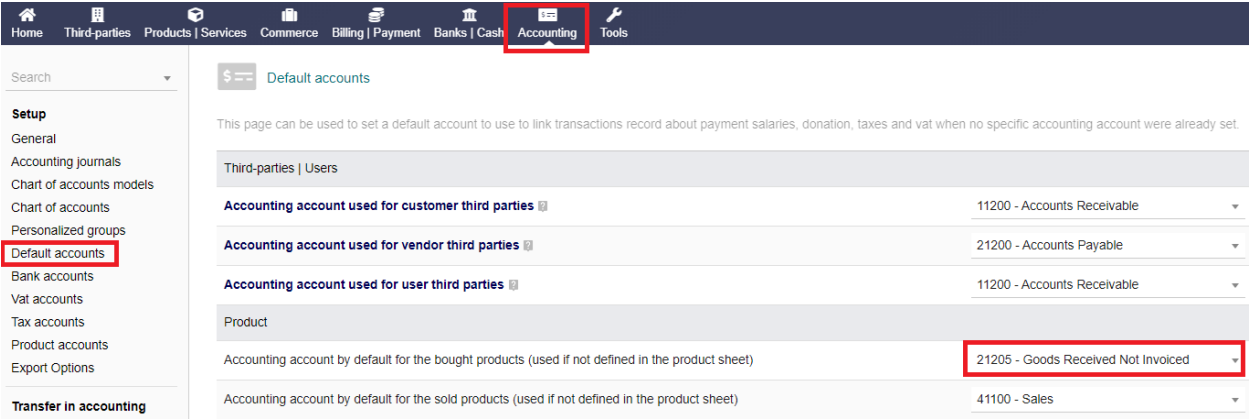
- GL (General Ledger) Code for COGS (Cost of Goods Sold) - Please Keyin the GL Code from the Chart of Accounts to post the Cost of Goods (Expenses) (Posting on the Shipment Delivery Validation)



The image shows a screenshot of the 'PerpetualInventory setup' page. At the top, there is a grid icon and the title 'PerpetualInventory setup'. Below the title are two tabs: 'Settings' (which is active) and 'About'. The main content area is titled 'PerpetualInventory setup page' and contains a table with the following data:

Parameter	Value
GL Code for Inventory ?	11400
GL Code for GRNI (Good Received Not Invoiced) ?	21205
GL Code for COGS (Cost of Goods Sold) ?	51100

Setup to be done in the Standard System: - Accounting Menu --> Setup --> Default Accounts --> Accounting account by default for the bought products need to be setup as GRNI (Liability)



The image shows a screenshot of the 'Default accounts' setup page in a software application. The top navigation bar includes 'Home', 'Third-parties', 'Products | Services', 'Commerce', 'Billing | Payment', 'Banks | Cash', 'Accounting' (highlighted with a red box), and 'Tools'. The left sidebar lists various setup options, with 'Default accounts' highlighted in red. The main content area is titled 'Default accounts' and contains a table with the following data:

Third-parties Users	
Accounting account used for customer third parties ?	11200 - Accounts Receivable
Accounting account used for vendor third parties ?	21200 - Accounts Payable
Accounting account used for user third parties ?	11200 - Accounts Receivable
Product	
Accounting account by default for the bought products (used if not defined in the product sheet)	21205 - Goods Received Not Invoiced
Accounting account by default for the sold products (used if not defined in the product sheet)	41100 - Sales

Support

Please send your Support requests to support@ohoosolutions.com and check the status of your Support ticket in our Support Portal <http://support.ohoosolutions.com>

Licenses

Main code

GPLv3

Documentation

All texts and readmes are licensed under GFDL.