

# Accounting systems

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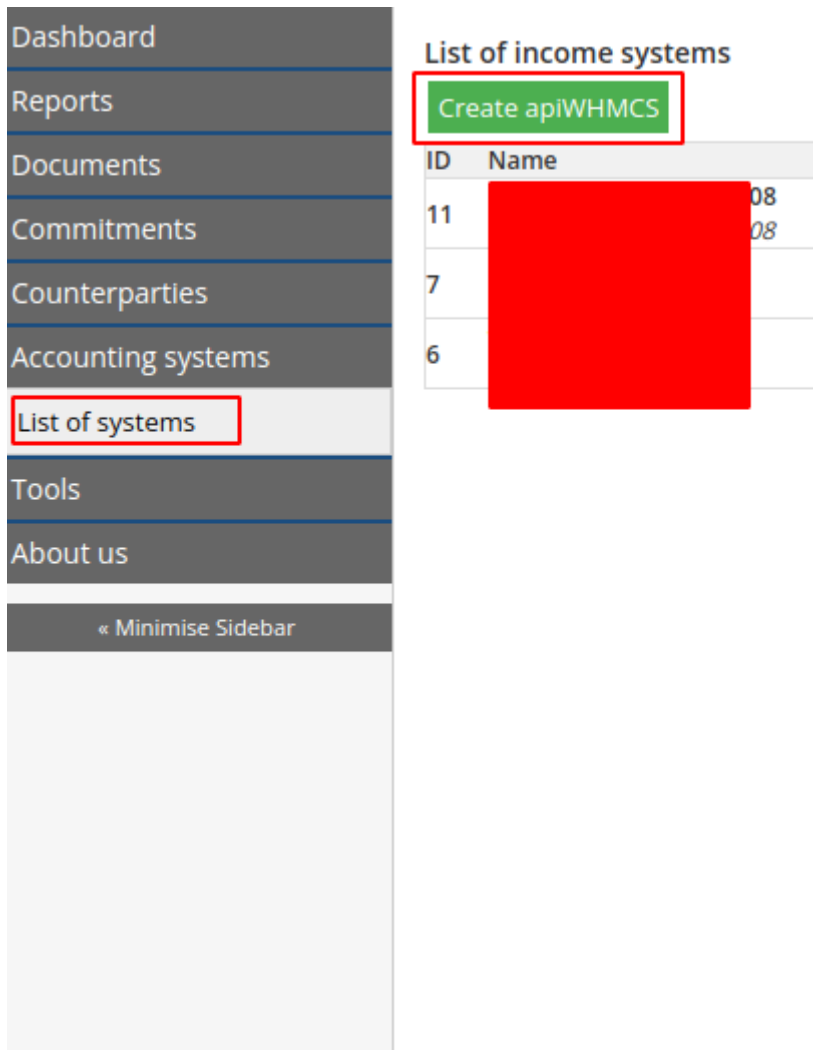
# Adding the WHMCS System

Installed Commitment Forecaster module, although it is installed in WHMCS, retrieves data through the API mechanism and not through direct references to the database.

Only the data on income invoices is downloaded from WHMCS. FV numbers, dates, and numeric values are taken. This data is only used to report the total value of revenues. Contractors' data is not collected and contractors between WHMCS and Commitment Forecaster are not compared in any way.

Go to the "**Accounting Systems**" menu item and click "**List of systems**".

Then click the "**Create apiWHMCS**" button



The screenshot shows the WHMCS interface. On the left is a sidebar menu with the following items: Dashboard, Reports, Documents, Commitments, Counterparties, Accounting systems, List of systems (highlighted with a red box), Tools, and About us. Below the menu is a button labeled « Minimise Sidebar. The main content area is titled 'List of income systems' and contains a green button labeled 'Create apiWHMCS' (highlighted with a red box). Below the button is a table with the following structure:

| ID | Name       |
|----|------------|
| 11 | [Redacted] |
| 7  | [Redacted] |
| 6  | [Redacted] |

Connection details

After creating the connection, you need to enter the connection details.

- Name
- Description
- URL (link to the API of the WHMCS system. <https://XXX.XXX.XX/includes/api.php>)
- Username (API user **Identifier**)
- Password (API user password **Secret**)
- Step (Number of invoices that will be synced for each sync step)
- Automatic synchronization (It is necessary to check the box for the automatic synchronization of invoices once a day, the synchronization follows all daily WHMCS cron tasks)
- Exchange rate (Specify the exchange rate if the currency is not the same as in the system. Set it to 1 if the currency is the same as in the system)

#### Income system

Save List of systems Delete

**ID**

**Name**

**Description**

**URL**

**Username**

**Password**

**APIkey1**

**APIkey2**

**APIkey3**

**Step**

☒ Automatic sync

**Exchange rate**

**API connection successful**

|                        |    |
|------------------------|----|
| Invoicess count        | 18 |
| Number of import steps | 18 |

Full sync

|                      |                     |
|----------------------|---------------------|
| Count of invoices    | 23                  |
| Netto                | 95940.00 zł.        |
| Brutto               | 95940.00 zł.        |
| Last synchronization | 2021-11-05 13:31:30 |

Sync

You must click the **Save button** to save the changes.

# Sync/Full Sync

**Full synchronization** means that all invoices of the selected system will be completely synchronized.

Synchronization takes place step by step.

The number of steps depends on the number of invoices in the accounting system and the number of the STEP parameter.

**Sync** means that the missing invoices will be synchronized in the selected system.

## Income system

[Save](#) [List of systems](#) [Delete](#)

|   |  |   |
|---|--|---|
| <b>ID</b><br><input type="text" value="6"/>                             | <b>API connection successful</b><br>Invoicess count 18<br>Number of import steps 9<br><a href="#">Full sync</a>  | <b>Count of invoices</b> 18<br><b>Netto</b> 94281.00 zł.<br><b>Brutto</b> 94281.00 zł.<br><b>Last synchronization</b> 2021-11-05 13:39:30<br><a href="#">Sync</a> |
| <b>Name</b><br><input type="text" value=""/>                            | Step 1 - OK Sync: 2<br>Step 2 - OK Sync: 2<br>Step 3 - OK Sync: 2<br>Step 4 - OK Sync: 2<br>Step 5 - OK Sync: 2<br>Step 6 - OK Sync: 2<br>Step 7 - OK Sync: 2<br>Step 8 - OK Sync: 2<br>Step 9 - OK Sync: 2<br><b>Total sync: 18</b> |   |
| <b>Description</b><br><input type="text" value="Developerski WHMCS"/>   |  |   |
| <b>URL</b><br><input type="text" value="https://[redacted]/includes/"/> |  |   |
| <b>Username</b><br><input type="text" value=""/>                        |  |   |
| <b>Password</b><br><input type="text" value=""/>                        |  |   |
| <b>APIkey1</b><br><input type="text" value="APIkey1"/>                  |  |   |
| <b>APIkey2</b><br><input type="text" value="APIkey2"/>                  |  |   |
| <b>APIkey3</b><br><input type="text" value="APIkey3"/>                  |  |   |
| <b>Step</b><br><input type="text" value="2"/>                           |  |   |
| <input checked="" type="checkbox"/> <b>Automatic sync</b>               |  |   |
| <b>Exchange rate</b><br><input type="text" value="1,0000"/>             |  |   |

# Creating an API user in WHMCS

In order to be able to exchange information between the Commitment Forecaster and WHMCS, access to the API must be created.

## Adding a new API access

1. Log in as an administrator to the WHMCS system.

System Settings -> Administrator Users

2. Add a new user

|                          |   |
|--------------------------|---|
| Administrator Role       | Support Operator  |
| First Name               |   |
| Last Name                |   |
| Email Address            |   |
| Username                 |   |
| Password                 | (Enter only if you want to change the password)   |
| Confirm Password         |   |
| Assigned Departments     | <input type="checkbox"/> General Enquiries <input type="checkbox"/> Enable Ticket Notifications   |
| Support Ticket Signature |   |
| Private Notes            |   |
| Template                 | Blend   |
| Language                 | English   |
| Disable                  | <input type="checkbox"/> Tick this box to deactivate this account and prevent login (you cannot disable your own account or the only admin) |

[Save Changes](#) [Cancel Changes](#)

3. Move to:

System Settings -> Manage API Credentials -> APIQ Roles

Create a new role and select only **BILLING -> GETInvoices**

Role Management

Role Name

Description

Brief description for the role (Optional)

Allowed API Actions

Addons

Affiliates

Authentication

Billing

Client

Domains

Module

Orders

Products

Project Management

Servers

Service

Billing

☐ ApplyCredit

☐ CreateInvoice

☐ DeletePayMethod

☐ GenInvoices

☐ GetInvoice

☐ GetPayMethods

☐ Gettransactions

☐ CapturePayment

☐ CreateQuote

☐ DeleteQuote

☐ GetCredits

☒ GetInvoices

☐ GetQuotes

☐ SendQuote

Check All

Uncheck All

Close

Save

4. Move to:

System Settings -> Manage API Credentials -> API Credentials

5. Create your API credentials

+ Generate New API Credential

Generate New API Credential

Admin User

Description

Description

API Role(s)

Select the API Role(s) this credential set is assigned to. You may select more than one using Ctrl + Click.

Close

Generate

Select the previously created user and API role

Press the "**Generate**" button

6. Write the data they need to connect to apiWHMCS Identifier Secret

## Access to WHMCS from IP number

Then you should allow access to the IP address of the server with the module installed in the WHMCS system

Move to:

System Settings -> General Settings -> Security

Add the IP address of the server with the module installed to the **API IP Access Restriction list**



API IP Access Restriction

127.0.0.1 - 127.0.0.1

IP Addresses allowed to connect to the WHMCS API

Add IP  Remove Selected