PUQ Mautic
Image not found or type unknown

Installation and configuration guide

- Setup (install/update)
- License Activation
- Mikrotik preparation and configuration
- Add server (Mikrotik) in WISECP
- Service/Product configuration

Setup (install/update)

Mikrotik WireGuard Business-VPN module

WISECP

Order now | Download | FAQ

To install and update a module, you must perform one and the same action.

1. Download the latest version of the module.

```
wget https://download.puqcloud.com/WISECP/Product/PUQ_WISECP-Mikrotik-WireGuard-Business-VPN/php81/PUQ_WISECP-Mikrotik-WireGuard-Business-VPN-latest.zip
```

All versions are available: https://download.puqcloud.com/WISECP/Product/PUQ_WISECP-Mikrotik-WireGuard-Business-VPN/

2. Unzip the archive with the module.

```
unzip PUQ_WISECP-Mikrotik-WireGuard-VPN-latest.zip
```

3. Copy and Replace "puqMikrotikWireGuardBusinessVPN" from "PUQ_WISECP-Mikrotik-WireGuard-Business-VPN" to "WISECP_WEB_DIR/coremio/modules/Product/"

License Activation

Mikrotik WireGuard Business-VPN module

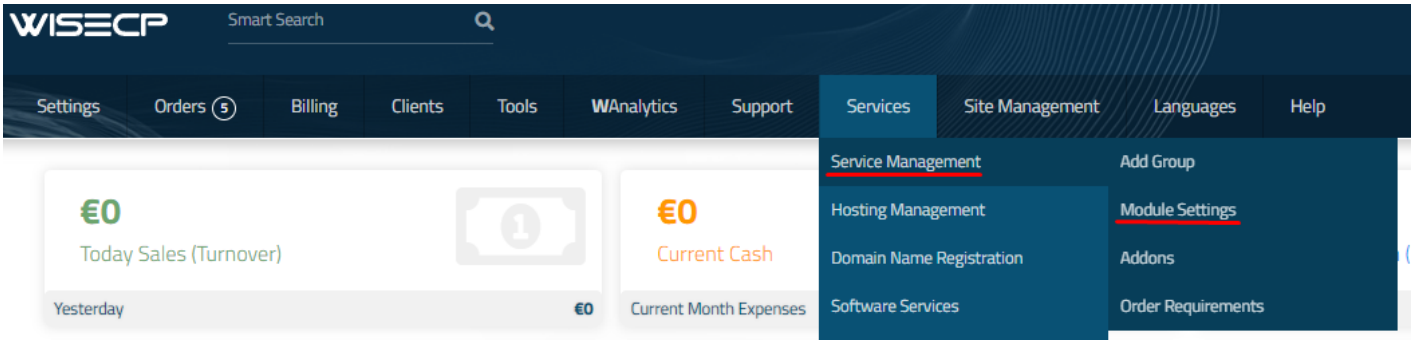
WISECP

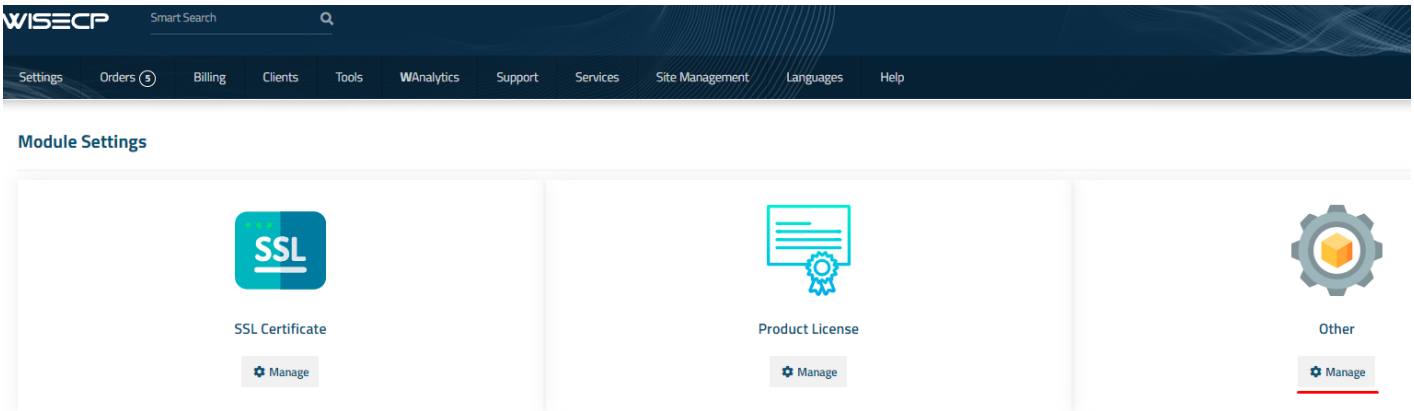
Order now | Download | FAQ

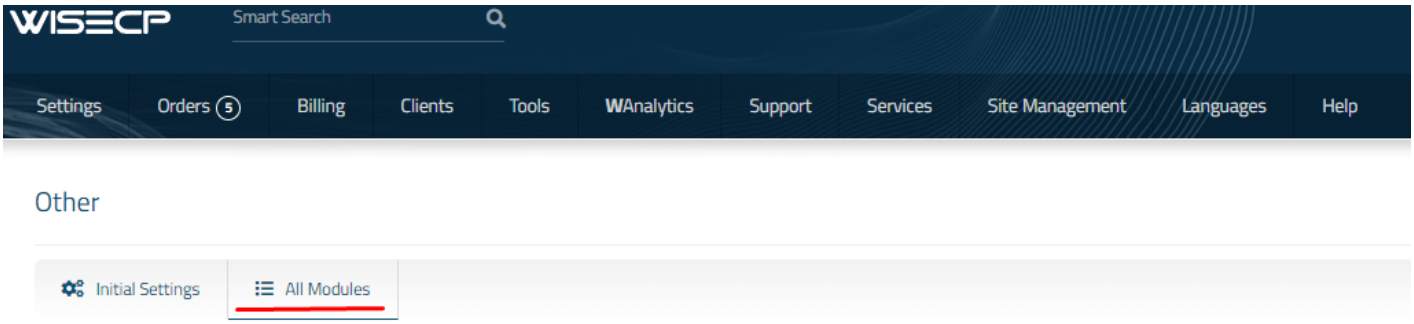
1. Log in to the administrative area of your **WISECP**.

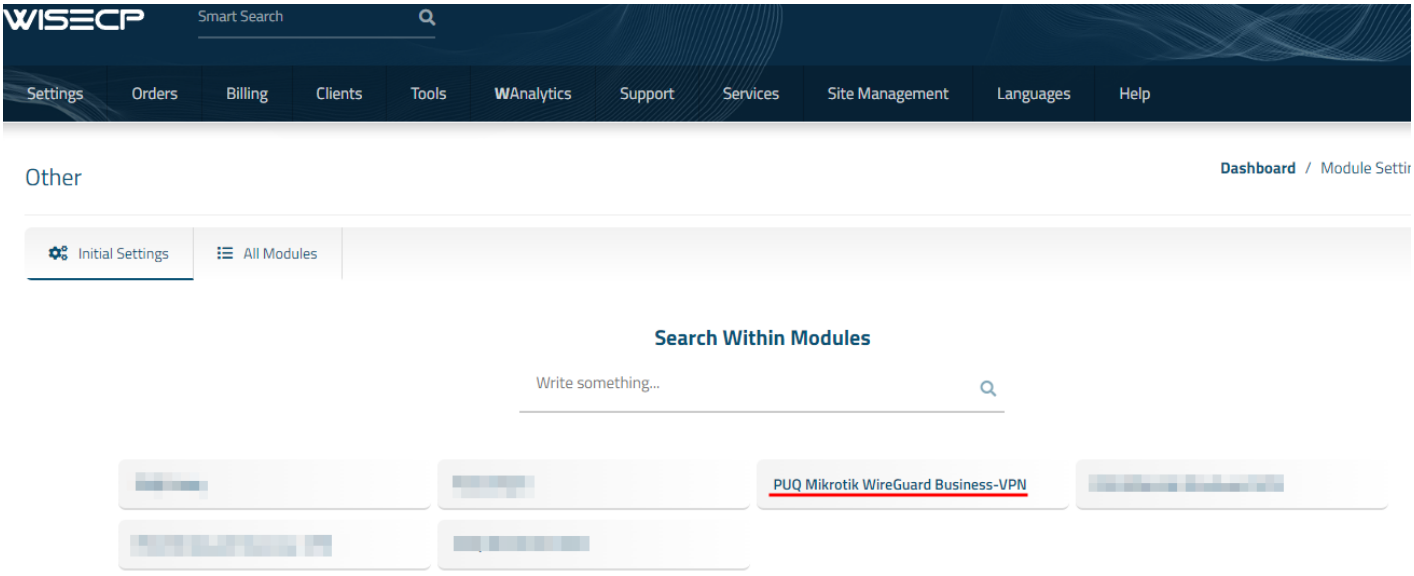
2. Go to module configuration.

```
Services -> Service Management -> Module Settings -> Other -> All Modules -> PUQ Mikrotik WireGuard Business-VPN
```

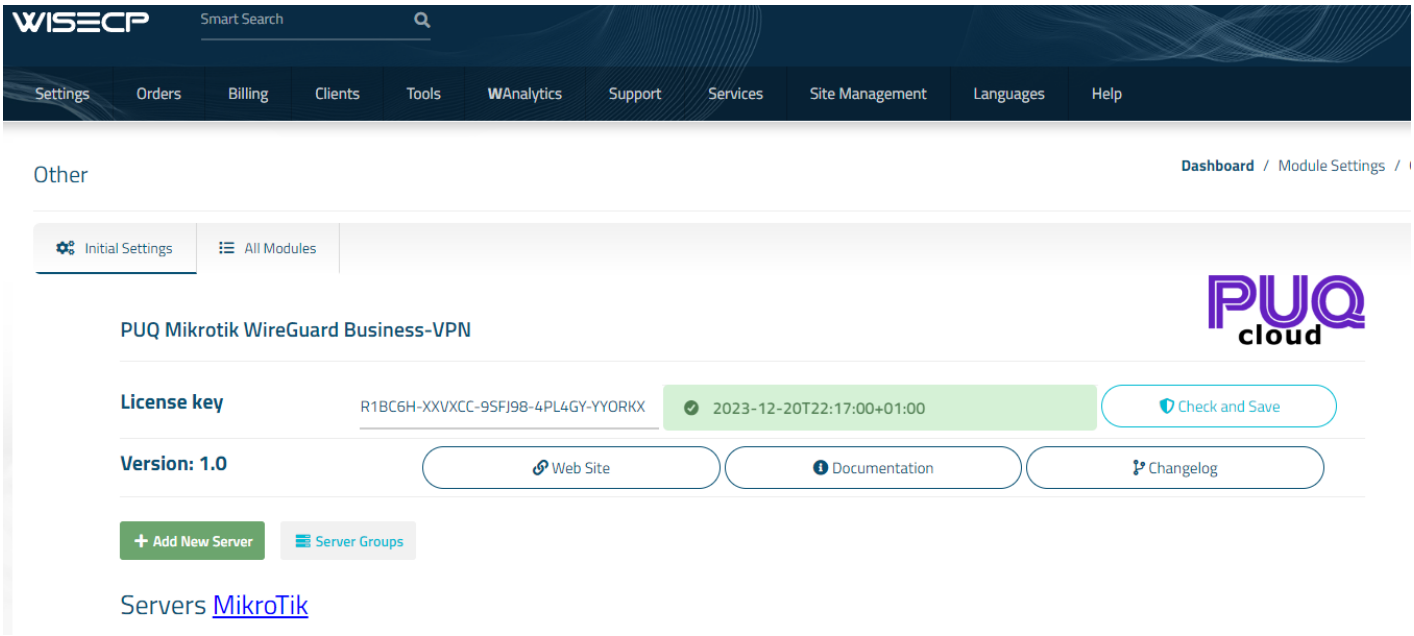








3. On the open page, enter the purchased license key for this product and click the '**Check and Save**' button to validate the key and save it.


WISECP
Smart Search
Settings
Orders
Billing
Clients
Tools
WAnalytics
Support
Services
Site Management
Languages
Help
Other
Dashboard / Module Settings /
Initial Settings
All Modules
PUQ Mikrotik WireGuard Business-VPN
PUQ cloud
License key
R1BC6H-XXVXCC-9SFJ98-4PL4GY-YYORKX
2023-12-20T22:17:00+01:00
Check and Save
Version: 1.0
Web Site
Documentation
Changelog
+ Add New Server
Server Groups
Servers MikroTik

Mikrotik preparation and configuration

Mikrotik WireGuard Business-VPN module

WISECP

Order now | Download | FAQ

> Note: **Enter the following commands one by one and wait for the command to complete.**

Check RouterOS version

> **Make sure that the version of RouterOS is 7+**

```
system/package/print
```

Enabling HTTPS Create your own root CA on your router

```
/certificate
add name=LocalCA common-name=LocalCA key-usage=key-cert-sign,crl-sign
```

Sign the newly created CA certificate

```
/certificate
sign LocalCA
```

Create a new certificate for Webfig (non-root certificate)

Note: as common-name=XXX.XXX.XXX.XXX You enter public IP adddress of the router.

```
/certificate
add name=Webfig common-name=XXX.XXX.XXX.XXX
```

Sign the newly created certificate for Webfig

```
/certificate
sign Webfig ca=LocalCA
```

Enable SSL (*www-ssl)* and specify to use the newly created certificate for Webfig

```
/ip service
set www-ssl certificate=Webfig disabled=no
```

Enable api-ssl and specify to use the newly created certificate for Webfig

```
 /ip service
 set api-ssl certificate=Webfig disabled=no
```

Add server (Mikrotik) in WISECP

Mikrotik WireGuard Business-VPN module

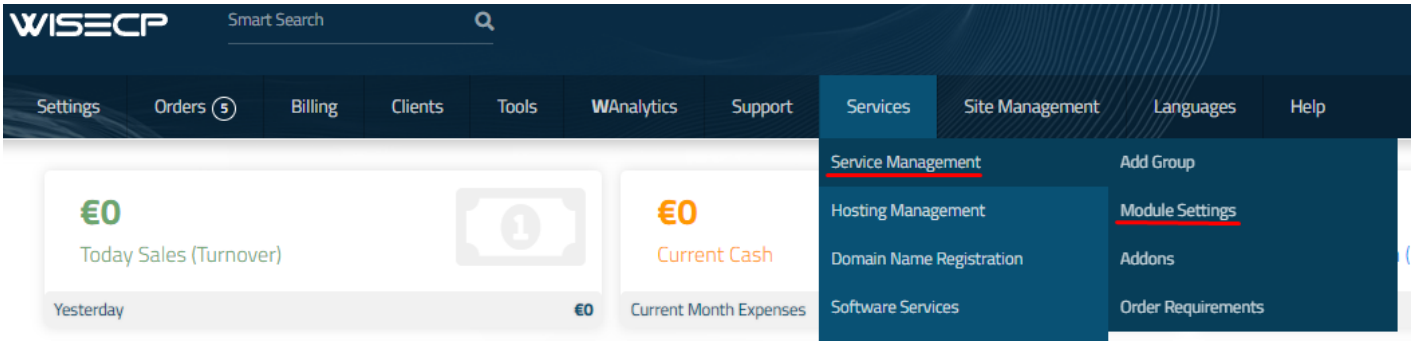
WISECP

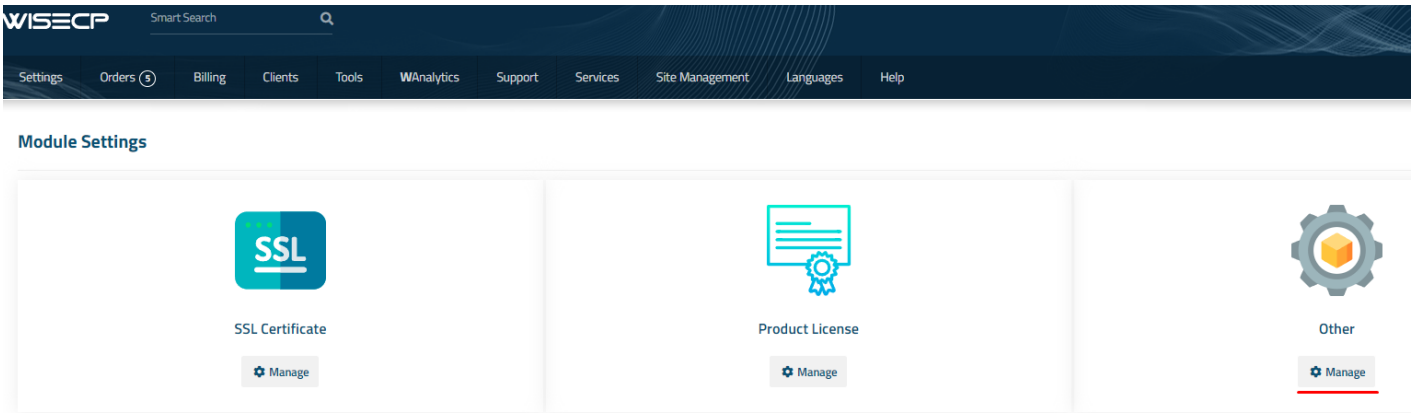
Order now | Download | FAQ

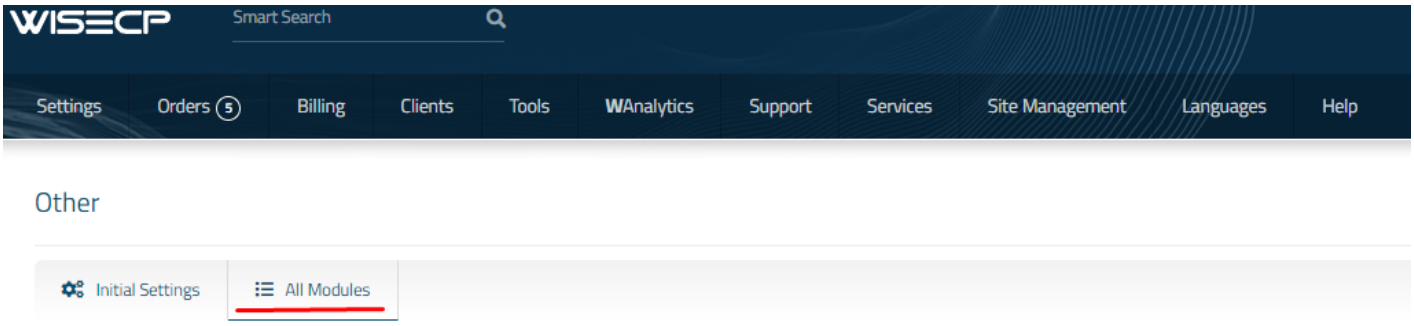
1. Log in to the administrative area of your **WISECP**.

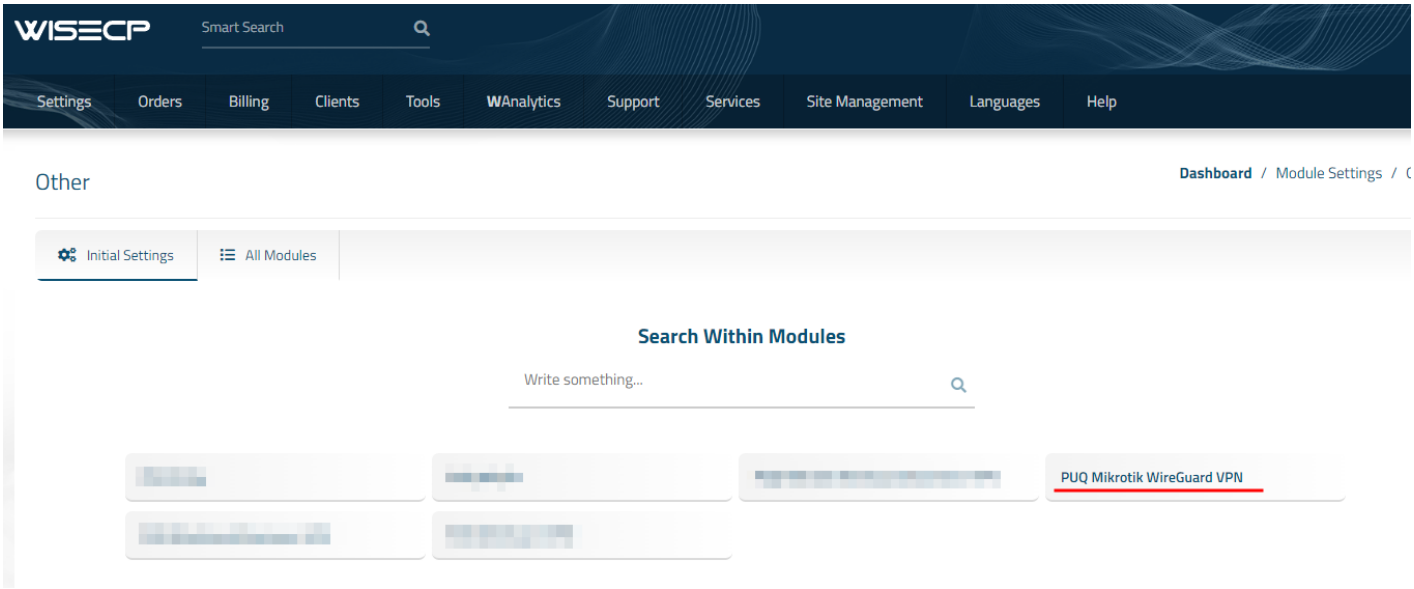
2. Go to module configuration.

```
Services -> Service Management -> Module Settings -> Other -> All Modules -> PUQ Mikrotik WireGuard Business-VPN
```

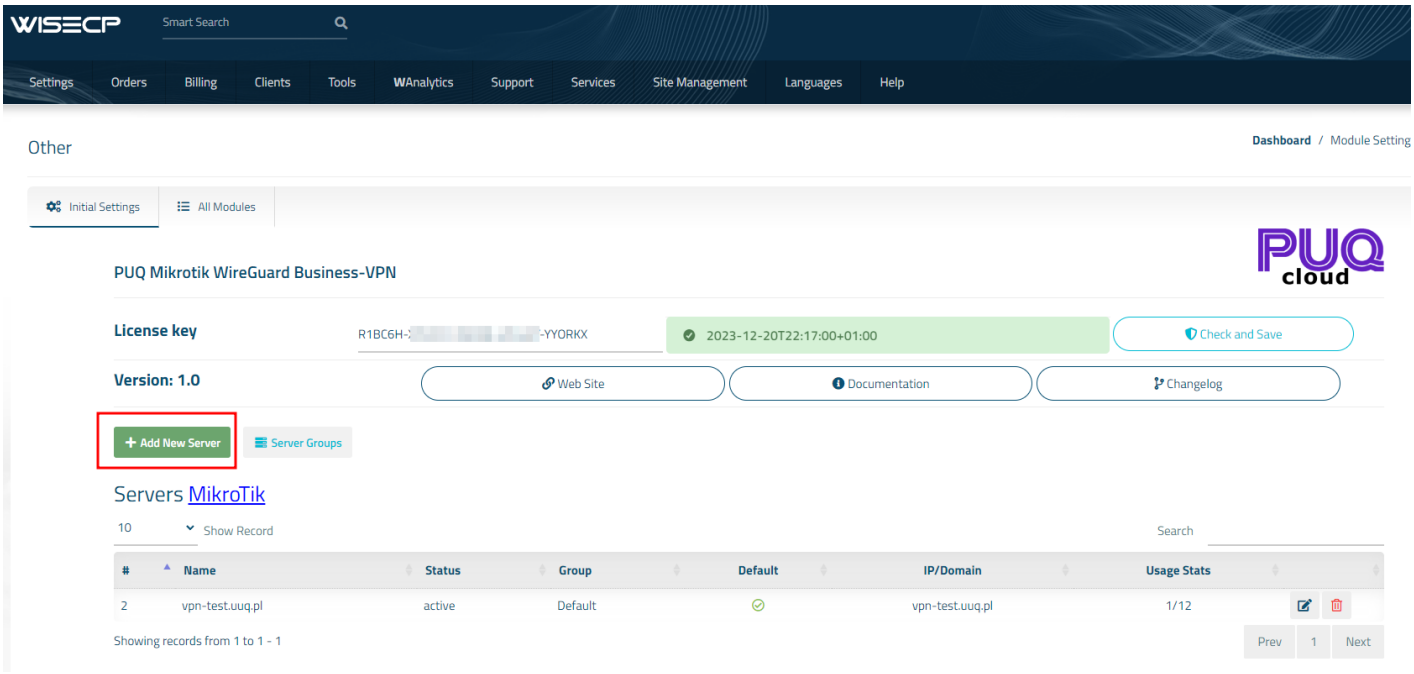








3. In the opened page, click the '**Add Server**' button.



4. On the opened page, enter all the necessary information:

- **Name**: Displayed name of the server.
- **Maximum Number of Accounts**: The number of services that can be on this server.
- **Server Group**: Optionally, choose the server group.
- **DNS 1 and DNS 2**: are DNS servers that will be specified in the configuration of WireGuard clients.
- **Assigned IP Addresses**: a list of Interface fot public IP, Public IP, Private Net that will be assigned to WireGuard VPN clients, with each address on a new line. Format:

```
<interface>| <public_ip>/<mask>| <private_network>/<mask>
```

- **IP Address or Domain**: The address of the MikroTik router you are connecting to.
- **Username:** is the username for the account on MikroTik.
- **Password:** is the password for the account on MikroTik.
- Check the **SSL** box if you want to use SSL-encrypted connection. If necessary, specify the port and perform a connection test.

< Go to Back

Add New Server

Name	vpn-test.uuq.pl
Maximum Number of Accounts	10
Server Group	Default
Default	☐ Set as default server in group
DNS 1	77.87.125.10
DNS 2	77.87.125.20
Assigned IP Addresses (One per line)	ether1-pub|77.87.125.206/25|192.168.101.0/24 ether1-pub|77.87.125.207/25|192.168.102.0/24 ether1-pub|77.87.125.208/25|192.168.103.0/24 ether1-pub|77.87.125.209/25|192.168.104.0/24 ether1-pub|77.87.125.210/25|192.168.105.0/24 ether1-pub|77.87.125.211/25|192.168.106.0/24 ether1-pub|77.87.125.212/25|192.168.107.0/24 ether1-pub|77.87.125.213/25|192.168.108.0/24 `<interface>|<public_ip>/<mask>|<private_network>/<mask>`
IP Address or Domain	vpn-test.uuq.pl
Username	wisecp-dev-MWG
Password	
SSL	☑ Connect using SSL
Port	443 ☐ Change standard port
Test Connection	Test Connection

Add New Server

Service/Product configuration

Mikrotik WireGuard Business-VPN module

WISECP

Order now | Download | FAQ

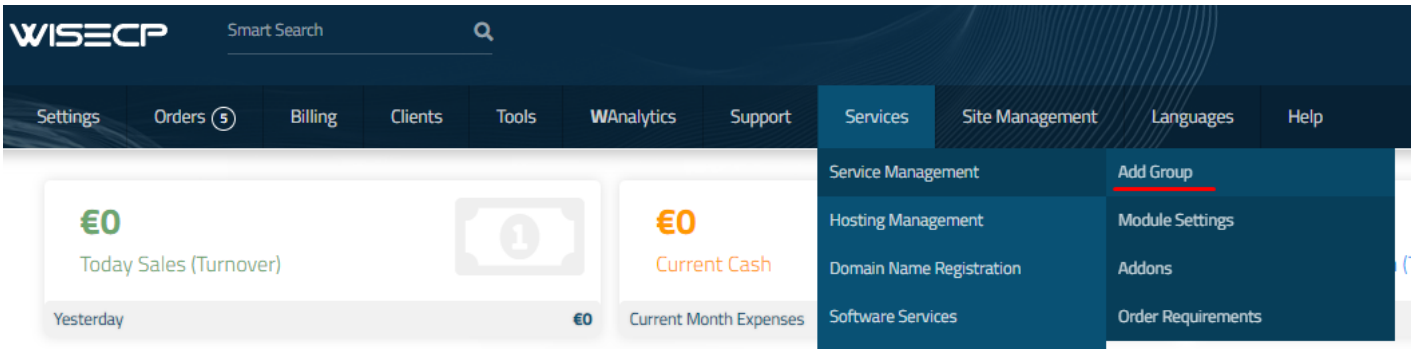
> If you do not have a **Service Group** where you want to place the new service, you need to create a new **Service Group**

1. Log in to the administrative area of your **WISECP**.

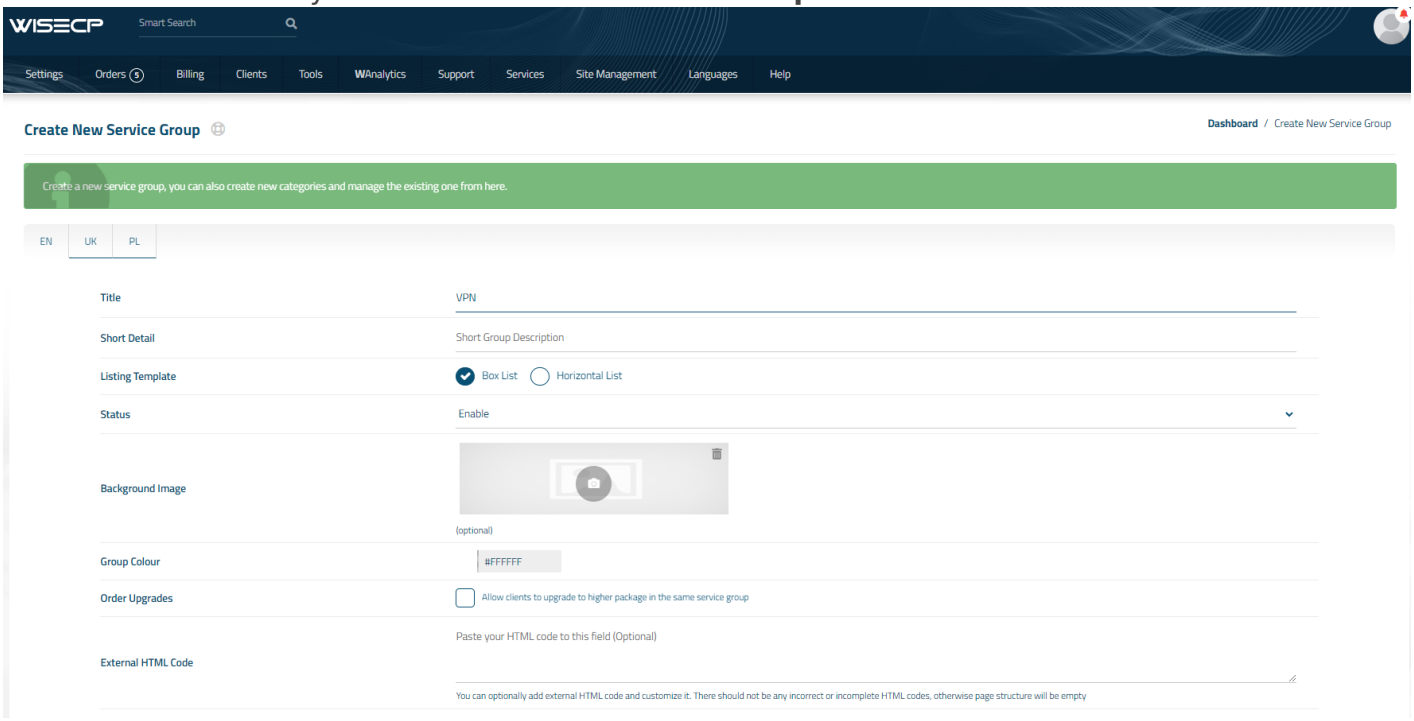
2. Create New Service Group

Go to

```
Services -> Service Management -> Add Group
```



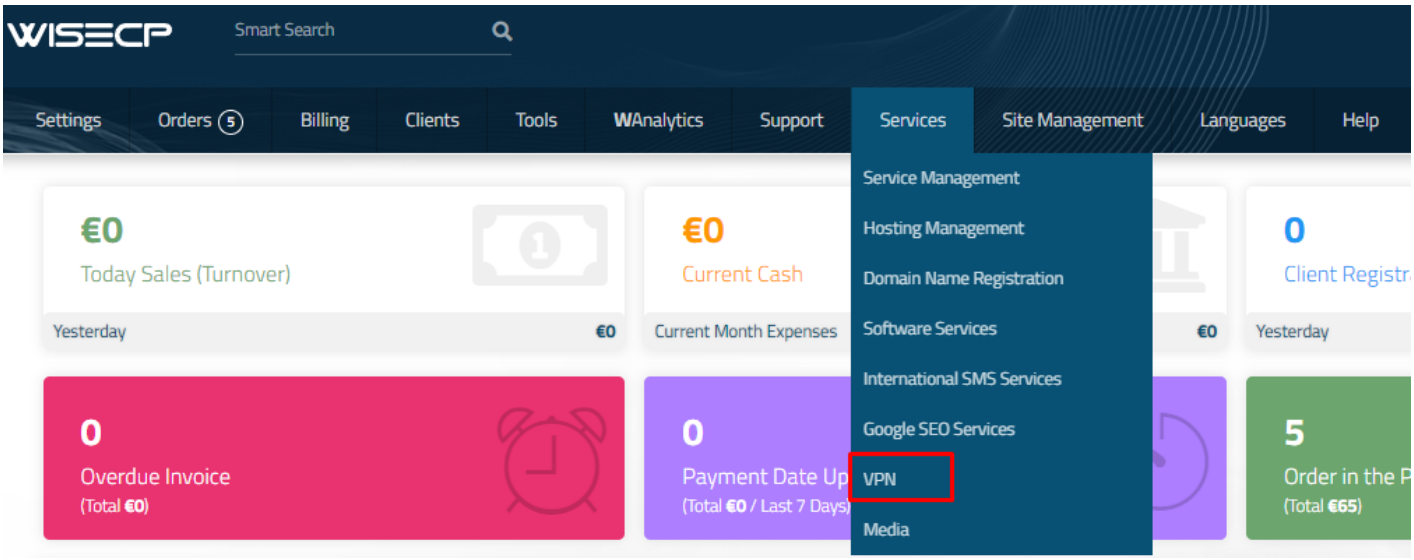
Enter all the necessary data and click the '**Create Group**' button.



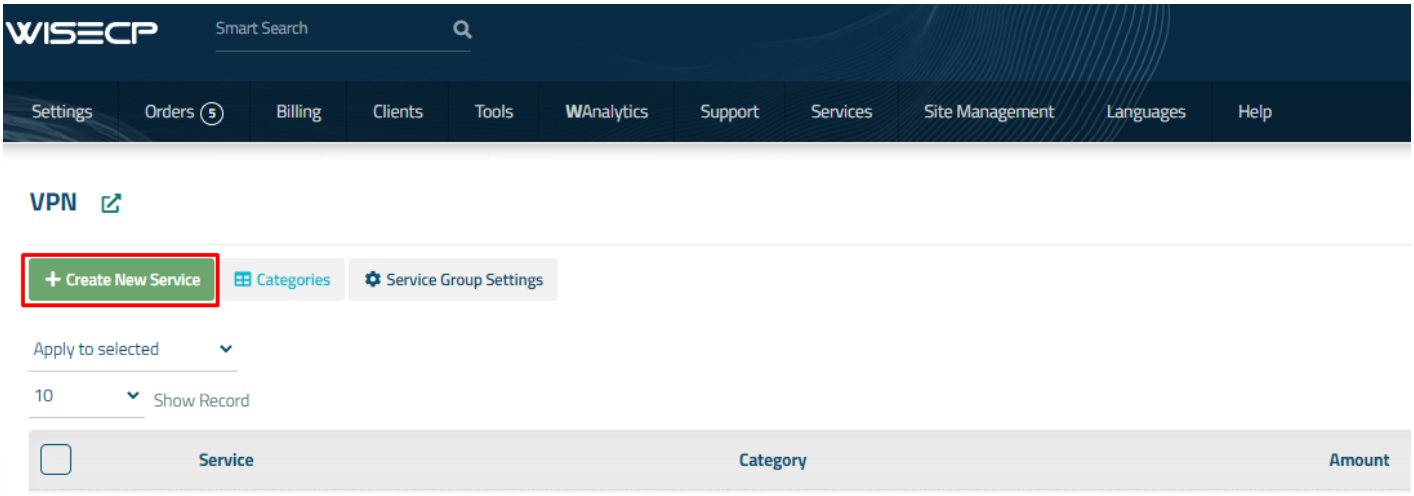
3. Adding a New Service

Go to

```
Services -> our service group where you need to add the new service.
```

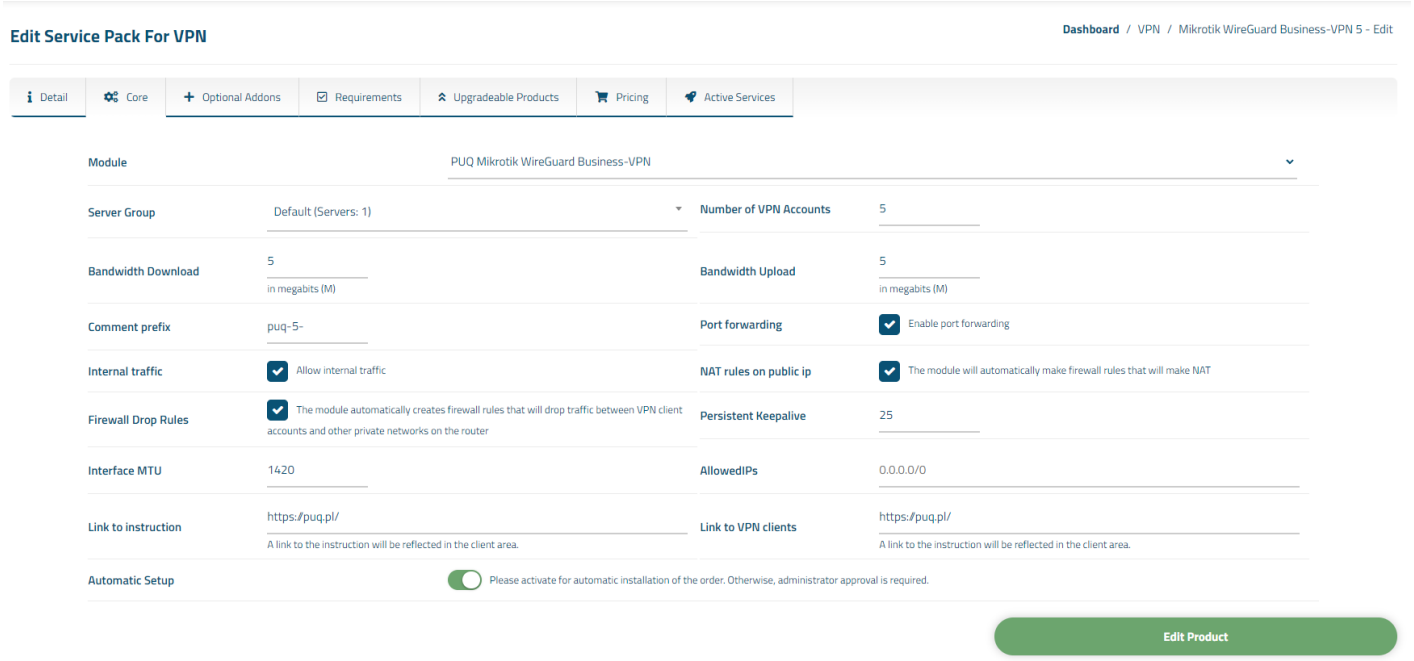


In the opened window, click the '**Create New Service**' button.



On the opened page, enter all the necessary details for your new service and navigate to the '**Core** ' tab.

Select the '**PUQ Mikrotik WireGuard Business-VPN**' module from the drop-down list of modules.



4. Fill in the configuration options according to your preferences.

- **Server Group** is the group of servers from which a server will be chosen for provisioning the service
- **Number of VPN Accounts:** the quantity of VPN user accounts a client can create within this package
- **Bandwidth Download** and **Bandwidth Upload** represent the connection speed that will be restricted by these parameters, in megabits per second, respectively.
- **Comment Prefix** will be added at the comment in **MikroTik**
- **Port Forwarding:** If the checkbox is selected, it means the client will have the ability to redirect ports from the main public address to internal addresses.
- **Internal Traffic**: If the checkbox is selected, it indicates that internal traffic between

VPN clients of the client will be allowed.

- **NAT Rules on Public IP**: If the checkbox is selected, firewall rules, specifically NAT (Network Address Translation) to the public IP address, will be created during the service deployment.
- **Persistent Keepalive/AllowedIPs:** parameters of configuration WireGuard clients
- **Interface MTU**: This parameter will be set during the creation of the WireGuard interface.
- **Link to Instruction** Provide the link to the instruction for the service, and it will be displayed in the client area as a separate button
- **Link to VPN Clients** Provide the link to the page for downloading VPN clients for the service, and it will be displayed in the client area as a separate button