



# Etiss-Global-Bedienungsanleitung/en



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## General description

Equipment Items Generator is used to generate vending units, turnstiles, FMCU's with specified parameters. It makes the task of registering physical equipment in the system a lot easier.

**Note** that this generator is used to basically clone existing units with various settings. To be able to use it, you need to have at least one unit as a template. Otherwise, if you're starting from scratch you'll need to create everything manually.

## Generating Vending Units

To generate one or several vending units navigate to the "ETISS CWS" -> "Equipment items" menu, and select "Equipment items generator".

The screenshot shows the ETISS CWS web application interface. At the top, there is a navigation bar with icons for back, forward, search, and VPN, followed by the URL 'cws-demo.maxcrc.de/web'. Below the URL is a purple header bar with the text 'ETISS CWS' and a grid icon. To the right of the header are dropdown menus for 'Equipment Items', 'Dashboard', 'Orders', and 'Configuration'. The main content area has a sidebar on the left titled 'Dashboard' which includes links for 'Equipment Items', 'Money Statuses', 'Money Transactions', 'Events', 'Event Statuses', and 'Email Notification'. A red box highlights the 'Equipment Items Generator' link under 'Events'. The main panel displays a table of vending units. The first unit is 'VU70004M Gießen V17' with a 'Connection Lost' status and a red box around it. The second unit is 'VU70005M Gießen V17' with a 'Connection Lost' status and a red box around it. The third unit is 'VU70001S Gießen V17' with a 'Normal' status and a green box around it. The table also includes columns for 'More' and '0.00€'.



You'll be presented with the following view:

The screenshot shows the ETISS CWS web application interface. At the top, there is a header bar with various icons and the URL 'cws-demo.maxcrc.de/web'. Below the header, the main menu includes 'Equipment Items', 'Dashboard', 'Orders', and 'Configuration'. On the right side of the header, there is a user profile for 'Administrator (cwsdemo)'. The main content area contains a form for generating equipment items. It has two main sections: 'Quantity' (with a value of 1) and 'Start Serial Number' (with a value of 80001). To the right of these, there are two tabs: 'Instance Template' and 'Templates'. Under 'Instance Template', there are fields for 'Name' (Vending\_Unit\_%s), 'Login' (vending\_unit\_%s), and 'Password' (Test1234). Under 'Templates', there are dropdown menus for 'User' (VU70001S), 'Instance' (VU70001S), and 'POS Config' (VU Entry (Vending Unit Entry)). A 'Generate Equipment Items' button is located at the top left of the form area.

On this form, fill in all necessary fields:

- **Quantity:** The number of vending units to generate.
- **Start serial number:** The starting value of the serial numbers to generate.
- **Name:** Vending unit name (note that %s value will be substituted with the VU serial number during the generation process for each generated unit).
- **Login:** Vending unit user login (the system creates associated user with login and password to establish a connection between VU and the server).
- **Password:** Vending unit user password (it's not a required field, if you omit the password it will be generated randomly).
- **User:** The user template which will be used for linked user creation. The system will use this user's groups, visibility setting, etc. (this will mostly establish required access level for the user).
- **Instance:** An existing VU instance on which to base all generated instances. The system will use this instance's type, configuration, etc. (If you're generating V21 units, select existing V21 instance here).
- **POS Config:** An existing "Point of Sale" config which will be copied to all generated VU instances.

Once all fields are filled in, press the **Generate Equipment Items** button and wait for the generation process to finish. After that you'll see your new vending units created.



The screenshot shows the ETISS CWS web interface. At the top, there's a navigation bar with links for Equipment Items, Dashboard, Orders, and Configuration. Below the navigation is a search bar and filter options. The main area is titled "Dashboard" and features a card for a vending unit. The card displays the unit ID "V17", its location "Gießen", and a status message "Connection Lost" in a red box. The total value shown is "0.00€".

## VU Server Connection Settings

Next, login to the VU as Administrator and navigate to the "Service" -> "System" -> "Setup" -> "Server Connection Settings" page.

The screenshot shows the "SERVER CONNECTION SETTINGS" page. It includes fields for Host Address (https://cws-demo.maxcrc.de), Database (cwsdemo), Serial (80001), Physical Address (MAC) (a4:a3:b8:l3:k2:s8), and Password. At the bottom are "Test connection" and "Save Settings" buttons.

On this page enter the following server connection settings:

- **Host Address:** The URL address of the server.



- **Database:** The database name.
- **Serial:** Serial number of the VU.
- **Password:** No need to fill in this field if you don't use "login/password" authorization. The VU's MAC address will be used as a password.

After filling in all these parameters click "Save settings" button. At this point we're almost done with the setup. All we need to do is to specify a password for the VU's linked user. The password should be the same as the MAC Address of the VU.

## Changing VU's user password

In the Odoo backend open the VU's linked user and change it's password to the value of MAC Address.

The screenshot shows the Odoo interface for managing a Vending Unit. The top navigation bar includes links for Equipment Items, Dashboard, Orders, and Configuration. Below the navigation is a breadcrumb trail: Dashboard / Vending\_Unit\_80001. A toolbar with Edit, Create, and Action buttons is present. The main content area displays the details for 'Vending\_Unit\_80001'. A tab bar at the top of the details section includes Min-Max Configuration, Hardware, Money, General, Equipment (which is highlighted with a red box), and Current Status. The user details table shows the following fields:

User	Vending_Unit_80001
Serial	80001
Type	V17
Category	VU
MAC Address	

The screenshot shows the Odoo interface for managing a user profile. The top navigation bar includes links for Equipment Items, Dashboard, Orders, and Configuration. Below the navigation is a breadcrumb trail: Dashboard / Vending\_Unit\_80001 / Vending\_Unit\_80001. A toolbar with Edit, Create, Print, and Action buttons is present. The main content area displays the details for 'Vending\_Unit\_80001'. The user profile card shows a placeholder image, the name 'Vending\_Unit\_80001', and the login 'vending\_unit\_80001'. To the right of the card is a sidebar with Phone, Mobile, and Fax fields. A dropdown menu labeled 'Action' is open, showing options: Delete, Duplicate, and Change Password (which is highlighted with a red box).



Change Password

User Login	New Password
vending_unit_80001	a4:a3:b8:l3:k2:s8

Physical Address (MAC)

Change Password Cancel

## Testing server connection settings

When the password has been changed, go back to the VU's settings page and click "Test connection" button. The message "Connection successfully established" should appear.

cws-demo-vu-entry.maxcrc.de/Service/System/Setup/OdooServerConnectionSettings/

<> Service / System / Setup (Administrator) Logout

## SERVER CONNECTION SETTINGS

Host Address  
https://cws-demo.maxcrc.de

Database  
cwsdemo

Serial  
80001

Physical Address (MAC)  
a4:a3:b8:l3:k2:s8

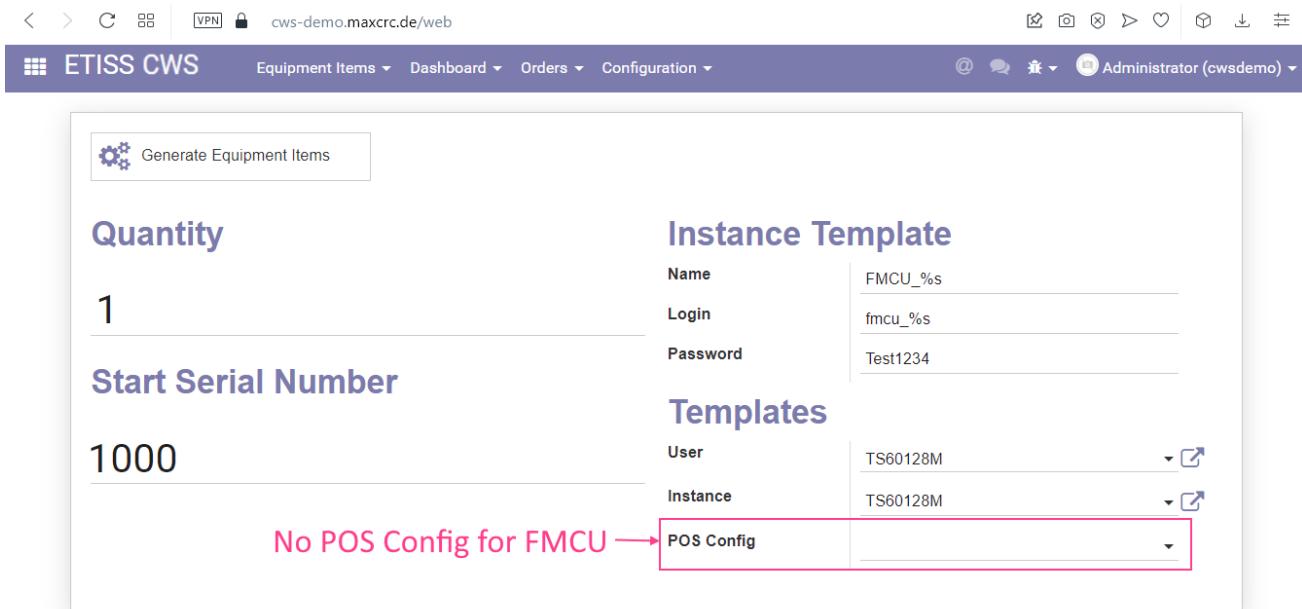
Password

**Test connection** Save Settings

Connection successfully established

## Generating FMCU's

The process of generation FMCU's is basically the same as for VU's only you don't need to specify POS config in generator.



Quantity: 1

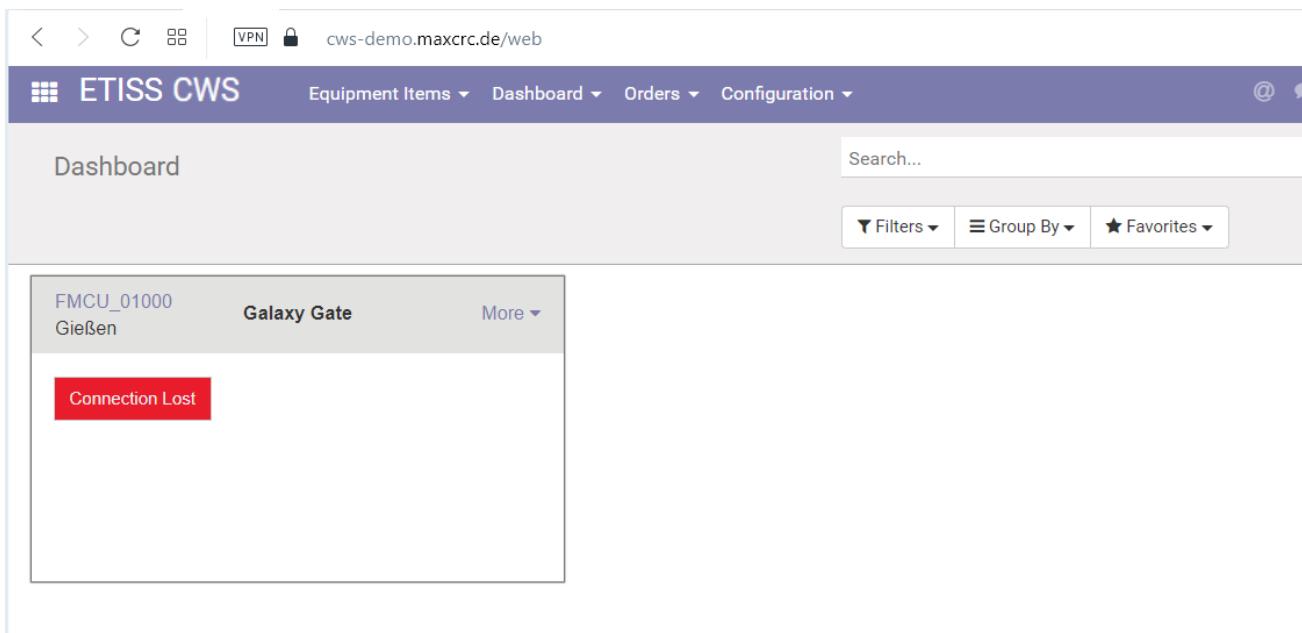
Start Serial Number: 1000

No POS Config for FMCU → **POS Config**

Name	FMCU_%s
Login	fmcu_%s
Password	Test1234

User	TS60128M
Instance	TS60128M
POS Config	(empty)

Once you've successfully generated FMCU, it'll look like this on the dashboard:



Dashboard

Search...

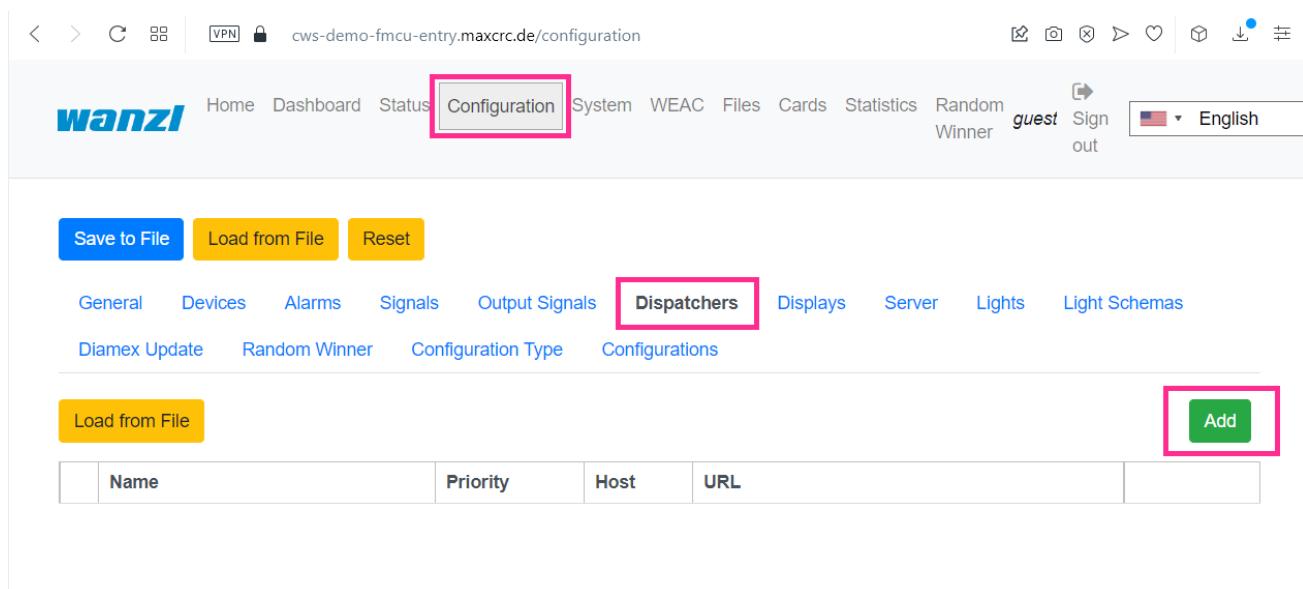
Filters ▾ Group By ▾ Favorites ▾

FMCU_01000 Gießen	Galaxy Gate	More ▾
Connection Lost		

## Creating a dispatcher

After that, login to the FMCU and create a new dispatcher to establish a connection between FMCU and the server.

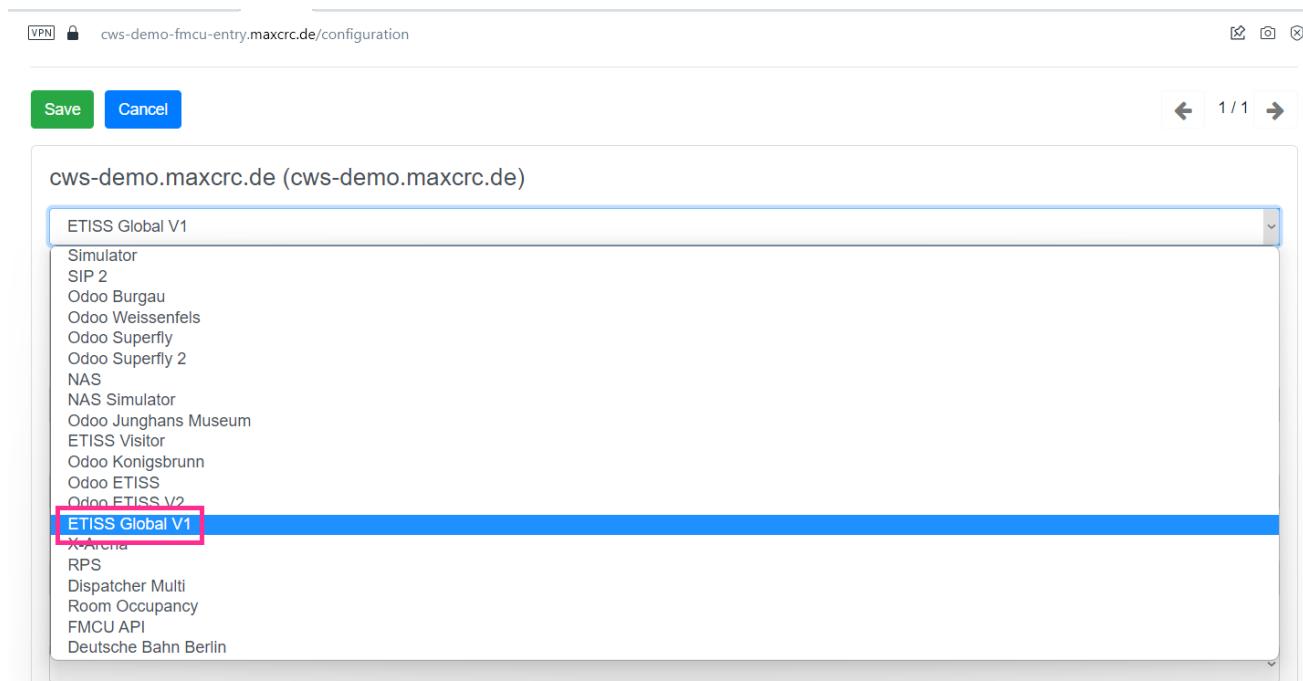
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The screenshot shows the maxcrc configuration interface. At the top, there are navigation links: Home, Dashboard, Status, Configuration (which is highlighted with a red box), System, WEAC, Files, Cards, Statistics, Random Winner, guest, Sign out, and language selection (English). Below this is a toolbar with Save to File, Load from File (highlighted with a red box), and Reset buttons. A navigation bar below the toolbar includes General, Devices, Alarms, Signals, Output Signals, Dispatchers (highlighted with a red box), Displays, Server, Lights, and Light Schemas. Under Dispatchers, there are sub-links: Diamex Update, Random Winner, Configuration Type, and Configurations. On the left, there's a 'Load from File' button. On the right, there's an 'Add' button (highlighted with a red box). A table below has columns for Name, Priority, Host, and URL.

Enter the following parameters:

- **Dispatcher type:** ETIIS CWS v1.



The screenshot shows a configuration dialog for ETIIS Global V1. At the top, there are Save and Cancel buttons. The main area shows a list of dispatcher types, with 'ETIIS Global V1' selected and highlighted with a blue bar. Other options include Simulator, SIP 2, Odoo Burgau, Odoo Weissenfels, Odoo Superfly, Odoo Superfly 2, NAS, NAS Simulator, Odoo Junghans Museum, ETIIS Visitor, Odoo Konigsbrunn, Odoo ETIIS, Odoo ETIIS V2, X-Arcia, RPS, Dispatcher Multi, Room Occupancy, FMCU API, and Deutsche Bahn Berlin.



Set lock

URL \*

Database \*

Serial \*

Physical Address (MAC)

Password

- **Name:** The name of the dispatcher.
- **URL:** The URL of the server.
- **Database:** The database name.
- **Serial:** Serial number of the FMCU.
- **Password:** No need to fill in this field if you don't use "login/password" authorization. The FMCU's MAC address will be used as a password.

After filling in all these parameters click "Save" button at the top and save the dispatcher.

[Save to File](#) [Load from File](#) [Reset](#)

[General](#) [Devices](#) [Alarms](#) [Signals](#) [Output Signals](#) [Dispatchers](#) [Displays](#) [Server](#) [Lig](#)

[Configuration Type](#) [Configurations](#)

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

cws-demo.maxcrc.de (cws-demo.maxcrc.de)

ETIIS Global V1

Enabled

Poll interval, seconds \*



## Changing FMCU's user password

Next, open previously generated FMCU unit in the Odoo backend and change it's linked user password to FMCU's MAC address.

800px

800px

The screenshot shows a 'Change Password' dialog box. On the left, there is a 'User Login' field containing 'fmcu\_01000'. To its right is a 'New Password' field, which is highlighted with a blue arrow pointing from a 'Physical Address (MAC)' field located below it. The 'Physical Address (MAC)' field contains the value 'b8:27:eb:e8:60:4e'. At the bottom of the dialog, there are two buttons: 'Change Password' (in blue) and 'Cancel'.

## Testing dispatcher connection

After this, open "Dashboard" tab of the FMCU and check that dispatcher is connected correctly in the "Status" section.

The screenshot shows the FMCU Dashboard. In the 'Status' section, the 'Dispatcher' status is highlighted with a red box and shows 'Connected (cws-demo.maxcrc.de)'. Other sections visible include 'Entry' (Last read barcode: Jul 6, 2022, 5:38:24 PM, 3914E41F; Last barcode result: Jul 6, 2022, 5:38:24 PM, NOK Disp...), 'Alarms' (empty), and 'Subsystems' (Gate controller: Closed, Jul 6, 2022, 9:56:23 AM; 2).