

Etiss-Global-Bedienungsanleitung



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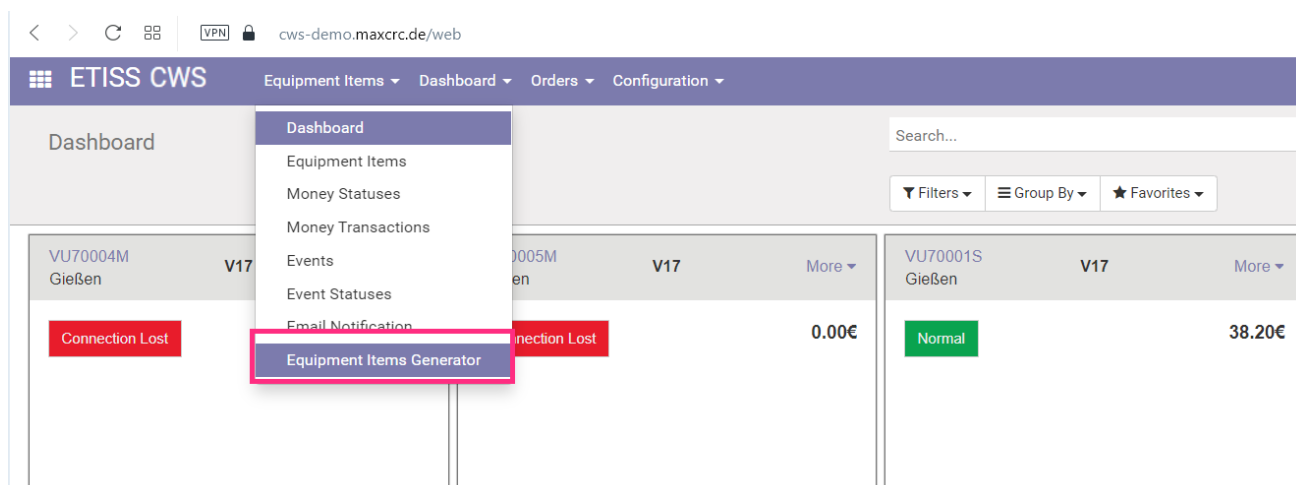
Allgemeine Beschreibung

Der Equipment Items Generator wird verwendet, um Verkaufseinheiten, Drehkreuze und FMCUs mit bestimmten Parametern zu generieren. Es erleichtert die Aufgabe, physische Geräte im System zu registrieren.

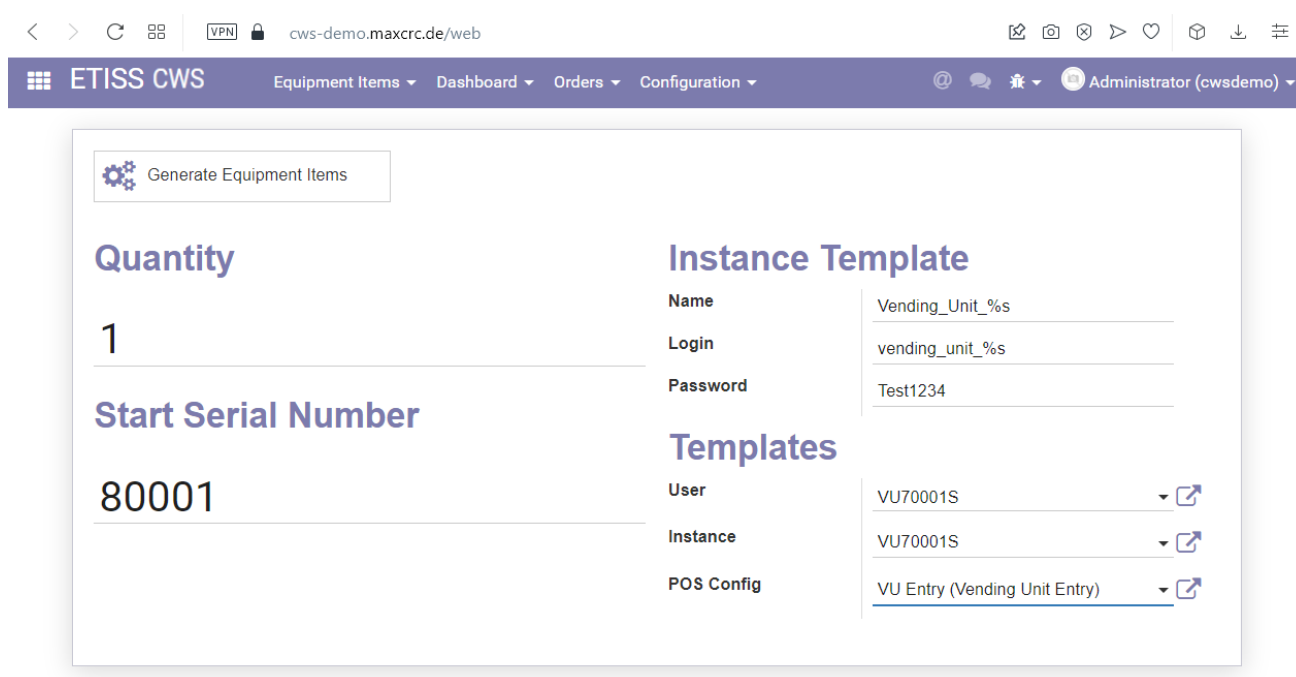
Hinweis dass dieser Generator verwendet wird, um im Grunde vorhandene Einheiten mit verschiedenen Einstellungen zu klonen. Um es verwenden zu können, müssen Sie mindestens eine Einheit als Vorlage haben. Andernfalls müssen Sie, wenn Sie bei Null anfangen, alles manuell erstellen.

Verkaufseinheiten Generieren

Um einen oder mehrere Verkaufseinheiten zu generieren, navigieren Sie zum Menü „ETISS CWS“ -> „Ausrüstungsartikel“ und wählen Sie „Ausrüstungsartikel-Generator“.



Sie erhalten die folgende Ansicht:



The screenshot shows the 'Generate Equipment Items' form. It contains the following fields and sections:

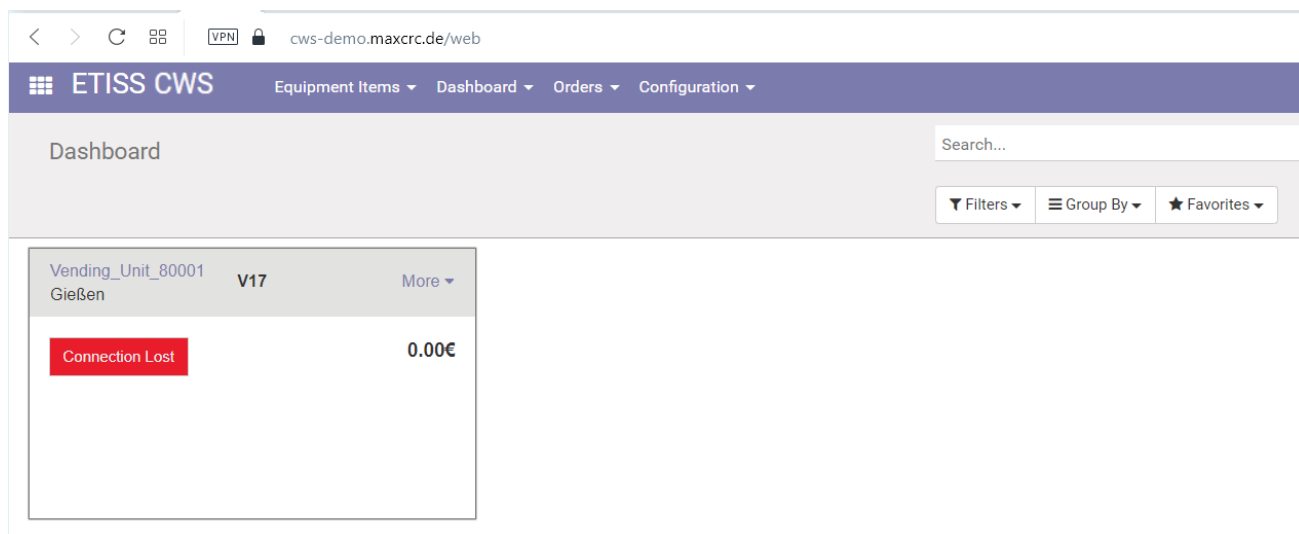
- Quantity:** A text input field containing the value '1'.
- Start Serial Number:** A text input field containing the value '80001'.
- Instance Template:** A section with three input fields:
 - Name:** 'Vending_Unit_%s'
 - Login:** 'vending_unit_%s'
 - Password:** 'Test1234'
- Templates:** A section with three dropdown menus:
 - User:** 'VU70001S' (with a link icon)
 - Instance:** 'VU70001S' (with a link icon)
 - POS Config:** 'VU Entry (Vending Unit Entry)' (with a link icon)

Füllen Sie in diesem Formular alle erforderlichen Felder aus:

- **Menge:** Die Anzahl der zu generierenden Verkaufseinheiten.
- **Seriennummer starten:** Der Startwert der zu generierenden Seriennummern.
- **Name:** Verkaufseinheit Name (Beachten Sie, dass der Wert %s während des Generierungsprozesses für jede generierte Einheit durch die VU-Seriennummer ersetzt wird).
- **Login:** Login des Benutzers der Verkaufseinheit (das System erstellt einen zugeordneten Benutzer mit Login und Passwort, um eine Verbindung zwischen der VU und dem Server herzustellen).
- **Passwort:** Benutzerpasswort der Verkaufseinheit (es ist kein Pflichtfeld, wenn Sie das Passwort weglassen, wird es zufällig generiert).
- **Benutzer:** Die Benutzervorlage, die für die verknüpfte Benutzererstellung verwendet wird. Das System verwendet die Gruppen, Sichtbarkeitseinstellungen usw. dieses Benutzers (dies legt meistens die erforderliche Zugriffsebene für den Benutzer fest).

- **Beispiel:** Eine vorhandene VU-Instanz, auf der alle generierten Instanzen basieren. Das System verwendet den Typ, die Konfiguration usw. dieser Instanz. (Wenn Sie V21-Einheiten generieren, wählen Sie hier eine vorhandene V21-Instanz aus).
- **POS Konfig:** Eine vorhandene „Point of Sale“-Konfiguration, die in alle generierten VU-Instanzen kopiert wird.

Sobald alle Felder ausgefüllt sind, klicken Sie auf die Schaltfläche „Ausrüstungsgegenstände generieren“ und warten Sie, bis der Generierungsprozess abgeschlossen ist. Danach sehen Sie Ihre neu erstellten Verkaufseinheiten.




The screenshot shows the ETISS CWS web interface. The browser address bar displays 'cws-demo.maxcrc.de/web'. The navigation bar includes 'Equipment Items', 'Dashboard', 'Orders', and 'Configuration'. The main content area is titled 'Dashboard' and features a search bar and filters. A table lists equipment items, with one item highlighted:

Vending_Unit_80001 Gießen	V17	More ▾
Connection Lost		0.00€

VU Serververbindungseinstellungen

Melden Sie sich als Administrator an der VU an und navigieren Sie zur Seite „Service“ -> „System“ -> „Setup“ -> „Server Connection Settings“.

< > ↺ ☰ VPN  cws-demo-vu-entry.maxcrc.de/Service/System/Setup/OdooServerConnectionSettings/

<<

Service / System / Setup

(Administrator) [Logout](#)

SERVER CONNECTION SETTINGS

Host Address

Database

Serial

Physical Address (MAC)

Password

[Test connection](#) [Save Settings](#)

Geben Sie auf dieser Seite die folgenden Serververbindungseinstellungen ein:

- **Host Adresse:** Die URL-Adresse des Servers.
- **Datenbank:** Der Datenbankname.
- **Seriennummer:** Seriennummer der VU.
- **Passwort:** Dieses Feld muss nicht ausgefüllt werden, wenn Sie die Autorisierung „Login/Passwort“ nicht verwenden. Als Passwort wird die MAC-Adresse der VU verwendet.

Nachdem Sie alle diese Parameter ausgefüllt haben, klicken Sie auf die Schaltfläche "Einstellungen speichern". An diesem Punkt sind wir fast fertig mit der Einrichtung. Alles, was wir tun müssen, ist, ein Passwort für den verknüpften Benutzer der VU anzugeben. Das Passwort sollte mit der MAC-Adresse der VU übereinstimmen.

Benutzerkennwort der VU ändern



Öffnen Sie im Odoo-Backend den verknüpften Benutzer der VU und ändern Sie das Passwort auf den Wert der MAC-Adresse.

< > ↺ ☰ | VPN 🔒 cws-demo.maxcrc.de/web

ETISS CWS Equipment Items ▾ Dashboard ▾ Orders ▾ Configuration ▾

Dashboard / Vending_Unit_80001

Edit Create Action ▾

 Transactions  Events

Vending_Unit_80001

Min-Max Configuration Hardware Money General **Equipment** Current Status

User	Vending_Unit_80001
Serial	80001
Type	V17
Category	VU
MAC Address	

< > ↺ ☰ | VPN 🔒 cws-demo.maxcrc.de/web

ETISS CWS Equipment Items ▾ Dashboard ▾ Orders ▾ Configuration ▾

Dashboard / Vending_Unit_80001 / Vending_Unit_80001

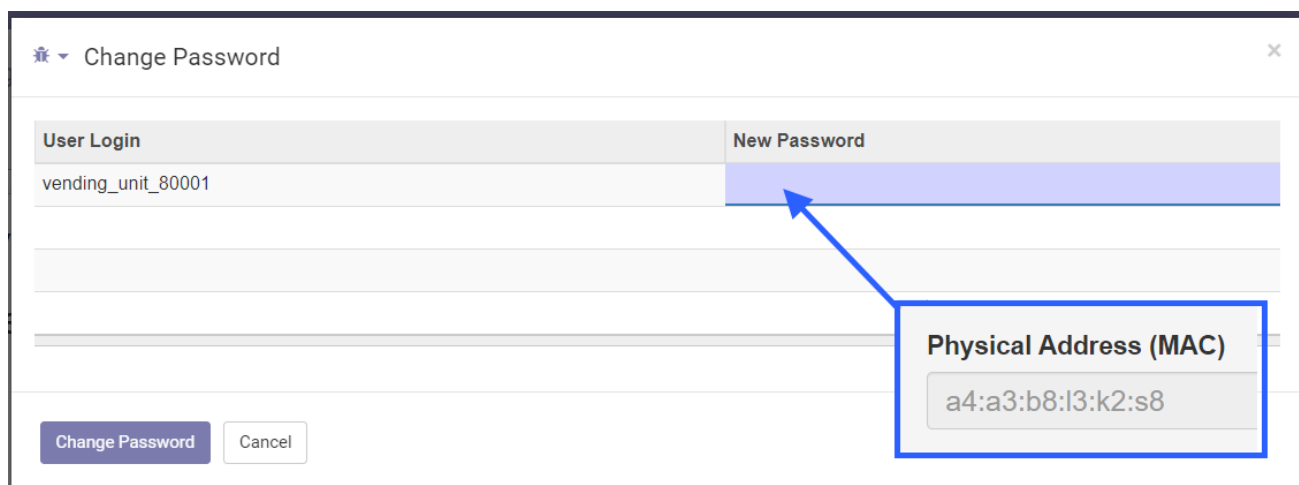
Edit Create Print ▾ Action ▾



Vending_Unit_80001
vending_unit_80001

Phone
Mobile
Fax

Delete
Duplicate
Change Password



The image shows a 'Change Password' dialog box. It has two main input fields: 'User Login' and 'New Password'. The 'User Login' field contains the text 'vending_unit_80001'. The 'New Password' field is highlighted with a blue background. A blue arrow points from a box labeled 'Physical Address (MAC)' to the 'New Password' field. The 'Physical Address (MAC)' box contains the text 'a4:a3:b8:l3:k2:s8'. At the bottom of the dialog, there are two buttons: 'Change Password' and 'Cancel'.

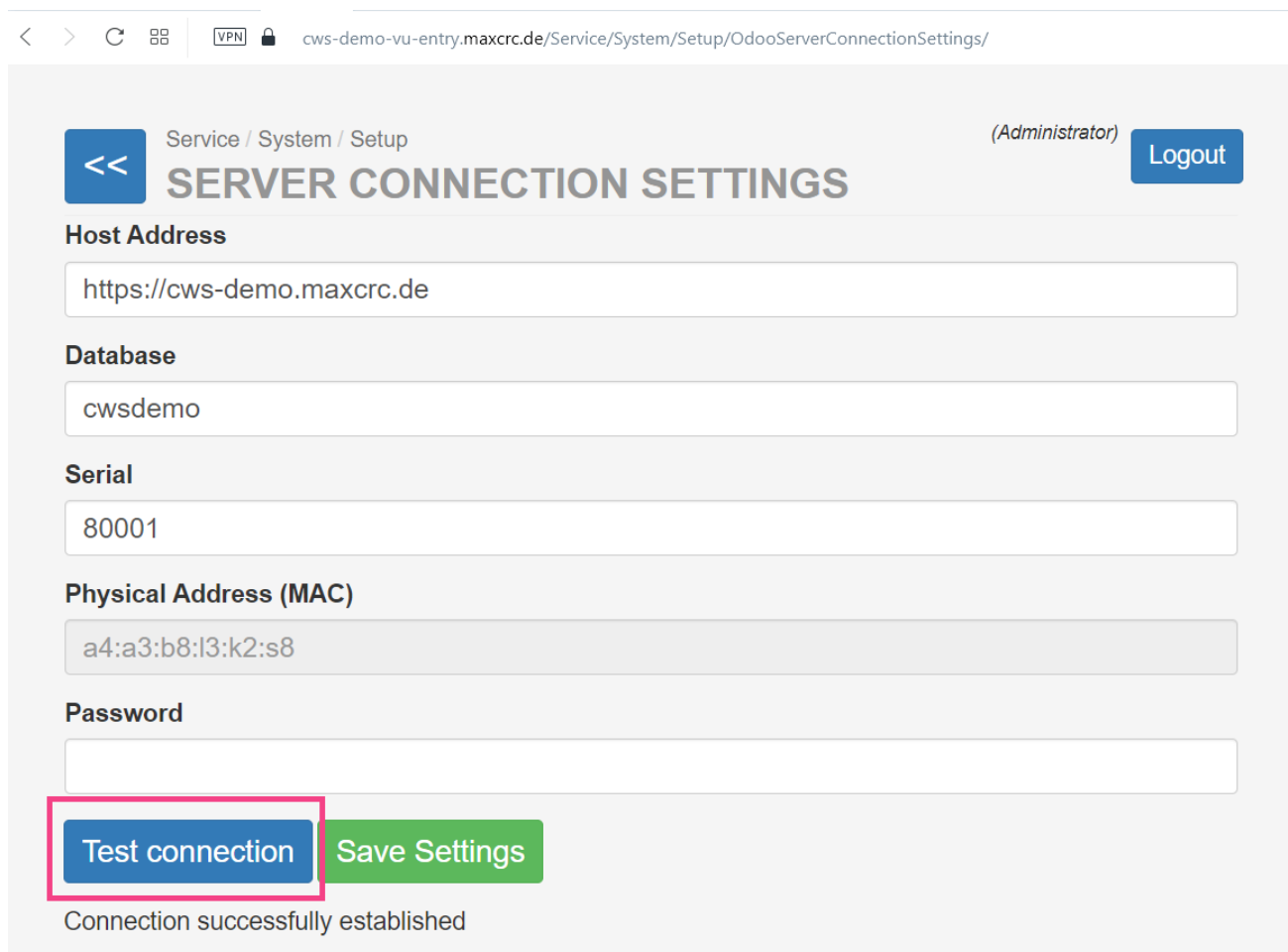
User Login	New Password
vending_unit_80001	

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

Change Password Cancel

Testen der Serververbindungseinstellungen

Wenn das Passwort geändert wurde, gehen Sie zurück zur Einstellungsseite der VU und klicken Sie auf die Schaltfläche „Verbindung testen“. Es sollte die Meldung „Verbindung erfolgreich hergestellt“ erscheinen.



The image shows the 'SERVER CONNECTION SETTINGS' page. The page has a header with a navigation bar containing 'Service / System / Setup' and a '(Administrator)' label. There is a 'Logout' button in the top right corner. The main content area contains several input fields: '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, there are two buttons: 'Test connection' (highlighted with a red box) and 'Save Settings'. Below these buttons, a message states 'Connection successfully established'.

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

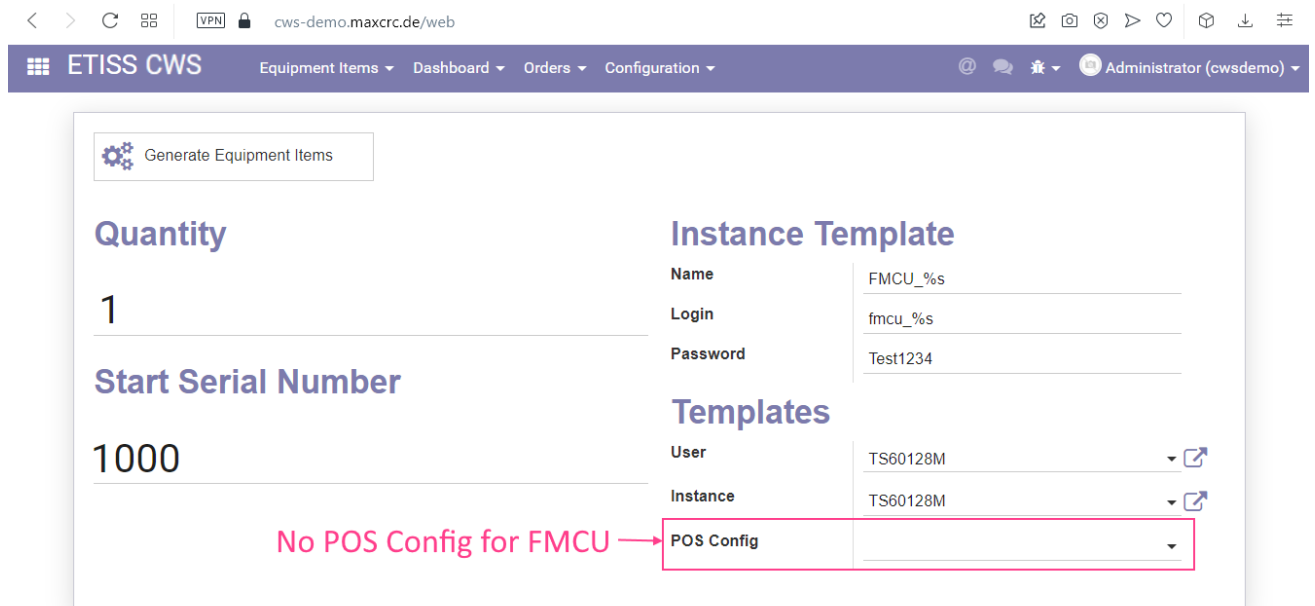
Password

Test connection Save Settings

Connection successfully established

FMCUs generieren

Der Prozess der Generierung von FMCUs ist im Grunde derselbe wie für VUs, nur dass Sie im Generator keine POS-Konfiguration angeben müssen.



Generate Equipment Items

Quantity
1

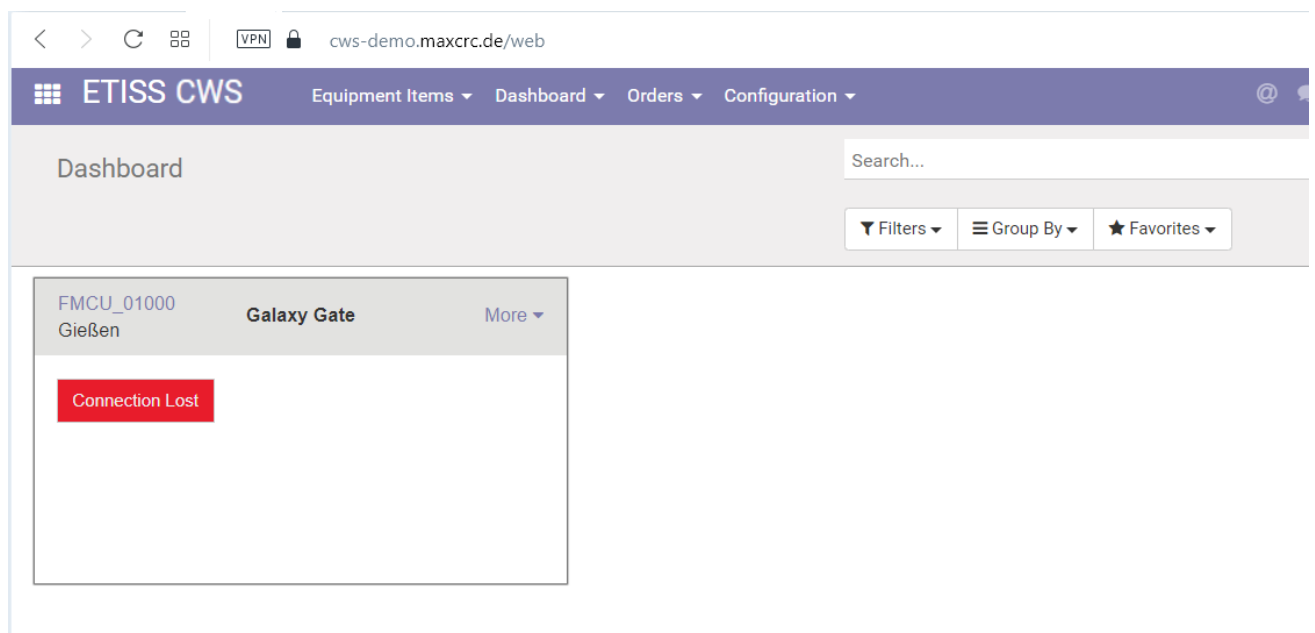
Start Serial Number
1000

Instance Template

Name	FMCU_%s
Login	fmcu_%s
Password	Test1234
Templates	
User	TS60128M
Instance	TS60128M
POS Config	

No POS Config for FMCU →

Sobald Sie FMCU erfolgreich generiert haben, sieht es auf dem Dashboard so aus:



Dashboard

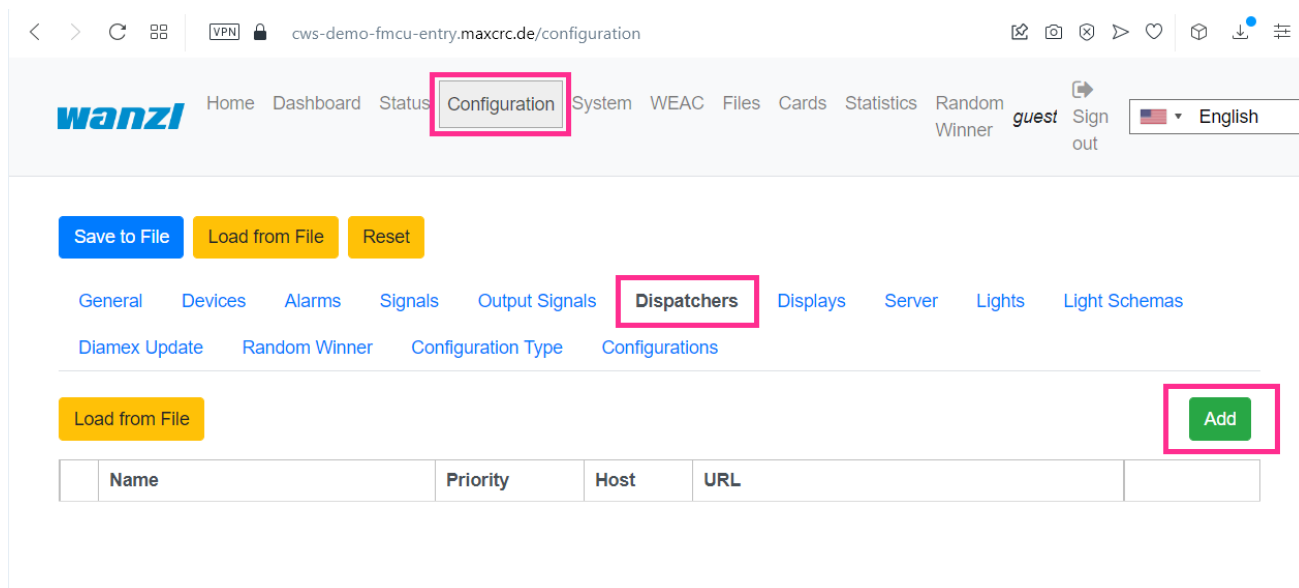
Search...

Filters Group By Favorites

FMCU_01000	Galaxy Gate	More
Gießen		
Connection Lost		

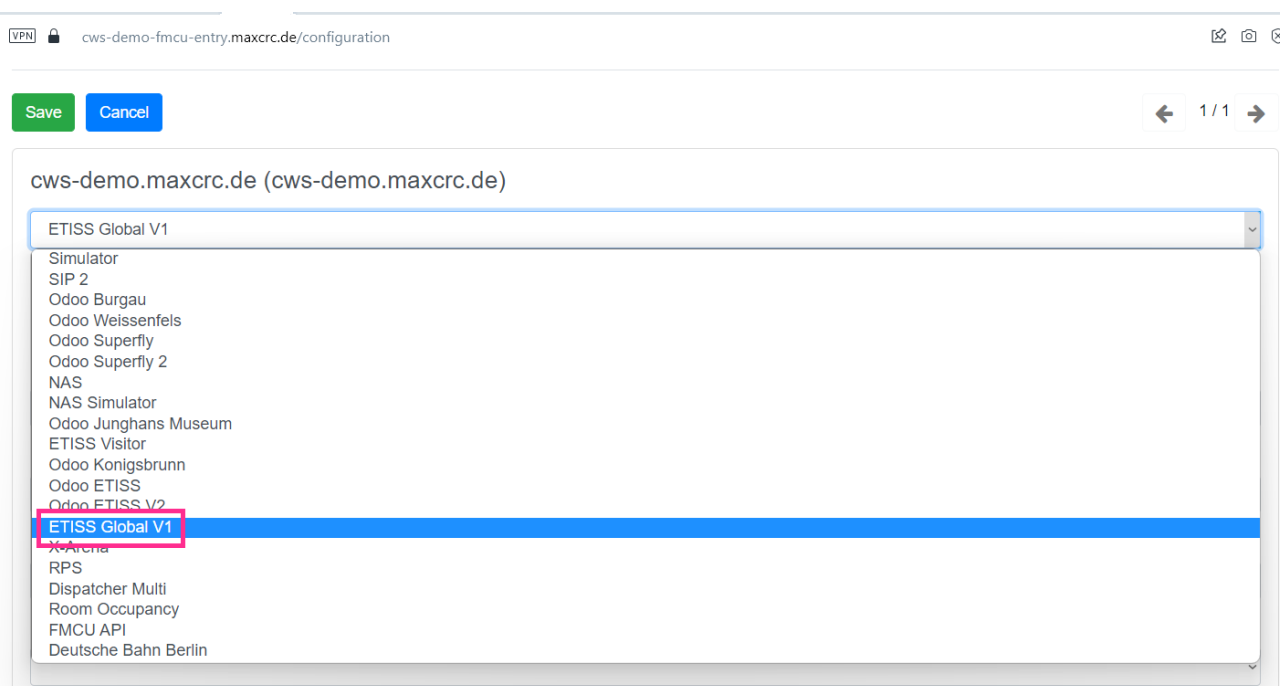
Dispatcher erstellen

Melden Sie sich danach bei der FMCU an und erstellen Sie einen neuen Dispatcher, um eine Verbindung zwischen FMCU und dem Server herzustellen.



Geben Sie die folgenden Parameter ein:

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



☐

Set lock

☒

URL *

Database *

Serial *

Physical Address (MAC)

Password

- **Name:** Der Name des Dispatchers.
- **URL:** Die URL des Servers.
- **Datenbank:** Der Datenbankname.
- **Seriennummer:** Seriennummer der FMCU.
- **Passwort:** Dieses Feld muss nicht ausgefüllt werden, wenn Sie die Autorisierung „Login/Passwort“ nicht verwenden. Als Passwort wird die MAC-Adresse der FMCU verwendet.

Nachdem Sie alle diese Parameter ausgefüllt haben, klicken Sie oben auf die Schaltfläche "Speichern" und speichern Sie den Dispatcher.

Save to FileLoad from FileReset

GeneralDevicesAlarmsSignalsOutput SignalsDispatchersDisplaysServerLigh

Configuration TypeConfigurations

SaveCancel

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

ETISS Global V1

Enabled

☒

Poll interval, seconds *

Benutzerkennwort der FMCU ändern

Öffnen Sie als Nächstes die zuvor generierte FMCU-Einheit im Odoo-Backend und ändern Sie das verknüpfte Benutzerpasswort in die MAC-Adresse der FMCU.

ETISS CWS

Equipment ItemsDashboardOrdersConfiguration

Dashboard / FMCU_01000

EditCreateAction

FMCU_01000

HardwareGeneralEquipmentCurrent Status

User

FMCU_01000

Serial

01000

Type

Galaxy Gate

Category

FMCU


VPN cws-demo.maxcrc.de/web

ETISS CWS Equipment Items ▾ Dashboard ▾ Orders ▾ Configuration ▾

Dashboard / FMCU_01000 / FMCU_01000

Edit Create Print Action ▾

Delete
Duplicate
Change Password

 **FMCU_01000**
fmcu_01000

Phone
Mobile
Fax

Change Password

User Login	New Password
fmcu_01000	

Physical Address (MAC)
b8:27:eb:e8:60:4e

Change Password Cancel

Testen der Dispatcher-Verbindung

Öffnen Sie danach die Registerkarte „Dashboard“ der FMCU und prüfen Sie, ob der Dispatcher im Abschnitt „Status“ korrekt verbunden ist.

VPN cws-demo-fmcu-entry.maxcrc.de/dashboard

Queue size

Entry

Last read barcode	Jul 6, 2022, 5:38:24 PM	3914E41F
Last barcode result	Jul 6, 2022, 5:38:24 PM	NOK Dispat...
Opened		
Queue size		

Other

Completely entered

Alarms

Status

Devices	Jul 6, 2022, 9:56:23 AM	All devices are OK
Dispatcher	Jul 6, 2022, 9:56:22 AM	Connected (cws-demo.maxcrc.de)

Subsystems

Gate controller	Closed	Jul 6, 2022, 9:56:23 AM	2
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ETISS CWS ~ Operation Manual



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2.3 Testing server connection settings	17
3 Generating FMCU's	18
3.1 Creating a dispatcher	18
3.2 Changing FMCU's user password	21
3.3 Testing dispatcher connection	21

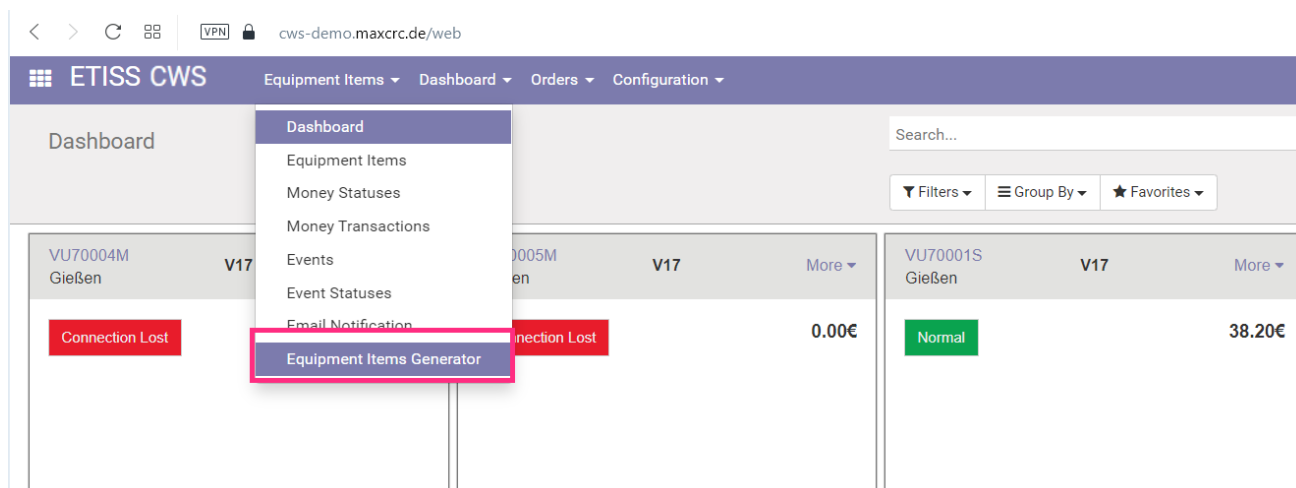
General description

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.

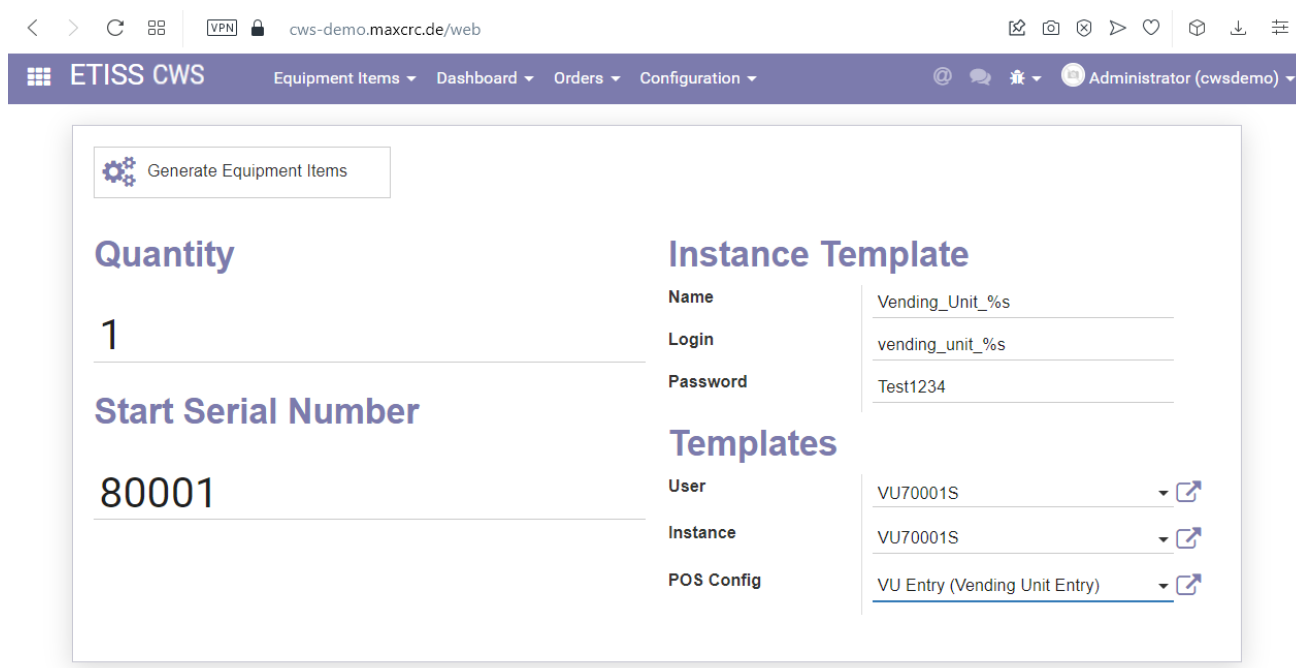
Note that this generator is used to basically clone existing units with various settings. To be able to use it, you need to have at least one unit as a template. Otherwise, if you're starting from scratch you'll need to create everything manually.

Generating Vending Units

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



You'll be presented with the following view:



The screenshot shows a web browser window with the URL `cws-demo.maxcrc.de/web`. The page title is "ETISS CWS". The navigation bar includes "Equipment Items", "Dashboard", "Orders", and "Configuration". The user is logged in as "Administrator (cwsdemo)".

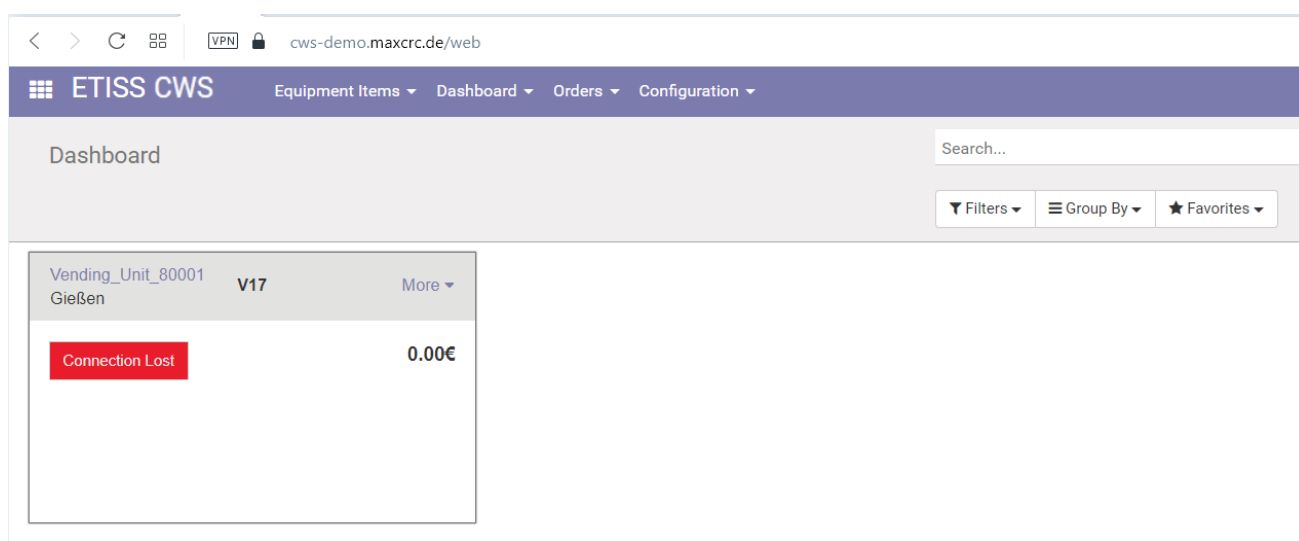
The main form is titled "Generate Equipment Items" and contains the following fields:

- Quantity:** A text input field containing the value "1".
- Start Serial Number:** A text input field containing the value "80001".
- Instance Template:** A section containing three input fields:
 - Name:** "Vending_Unit_%s"
 - Login:** "vending_unit_%s"
 - Password:** "Test1234"
- Templates:** A section containing three dropdown menus:
 - User:** "VU70001S" (with a copy icon)
 - Instance:** "VU70001S" (with a copy icon)
 - POS Config:** "VU Entry (Vending Unit Entry)" (with a copy icon)

On this form, fill in all necessary fields:

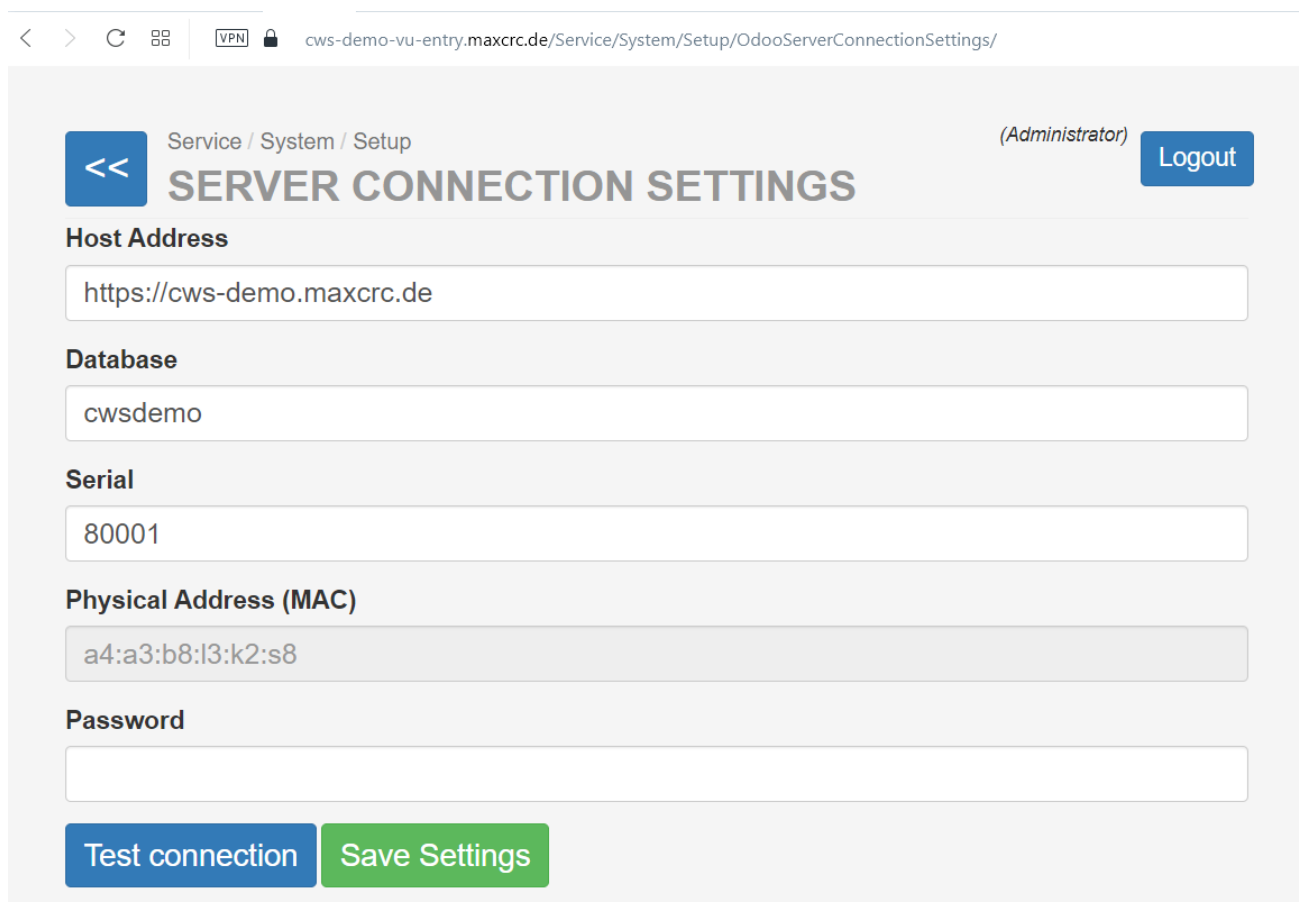
- **Quantity:** The number of vending units to generate.
- **Start serial number:** The starting value of the serial numbers to generate.
- **Name:** Vending unit name (note that **%s** value will be substituted with the VU serial number during the generation process for each generated unit).
- **Login:** 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.



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. The breadcrumb trail is 'Service / System / Setup'. The user is logged in as '(Administrator)' with a 'Logout' button. The settings are as follows:

- Host Address:**
- Database:**
- Serial:**
- Physical Address (MAC):**
- Password:**

At the bottom, there are two buttons: 'Test connection' (blue) and 'Save Settings' (green).

On this page enter the following server connection settings:

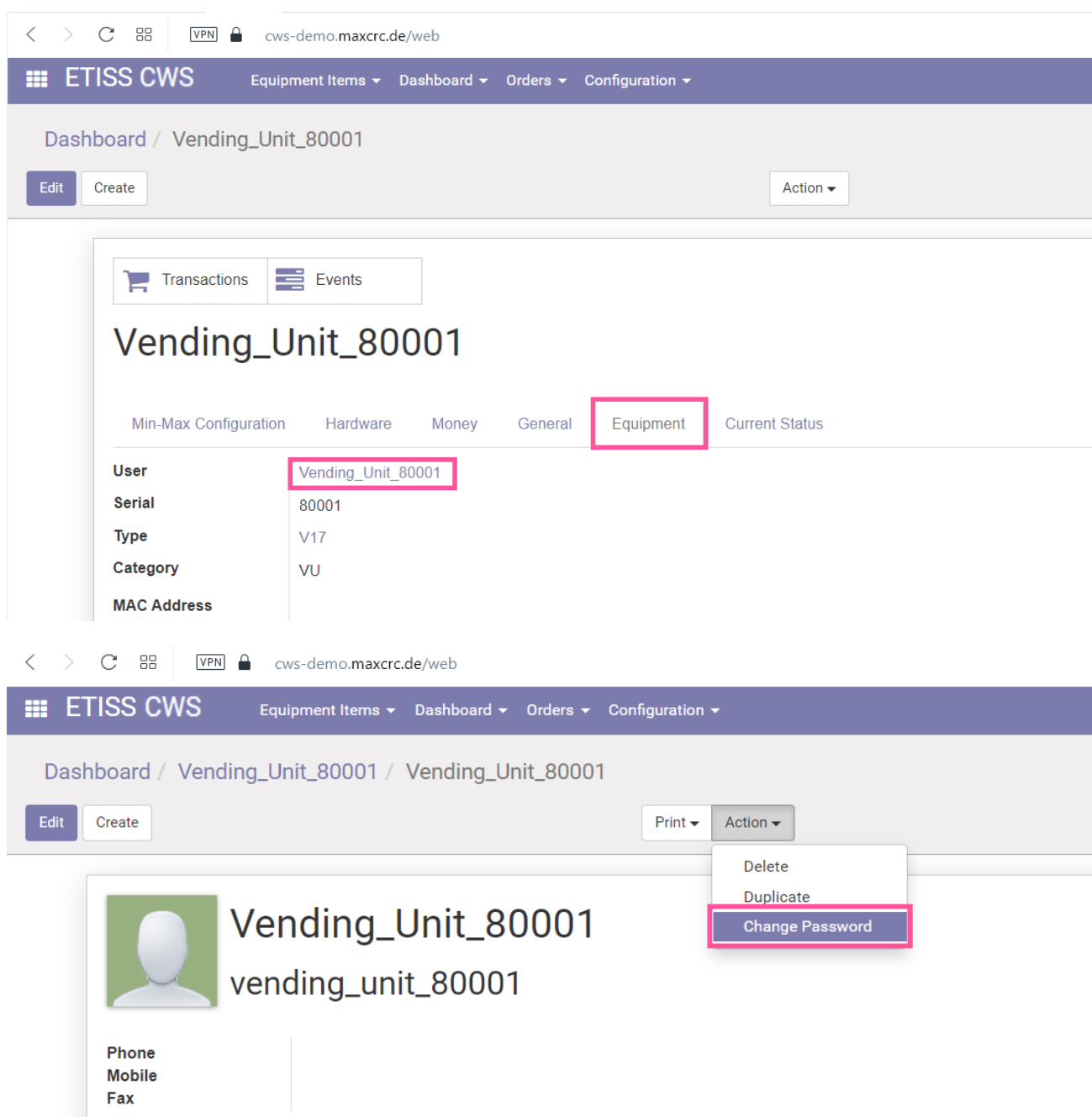
- **Host Address:** The URL address of the server.

- **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

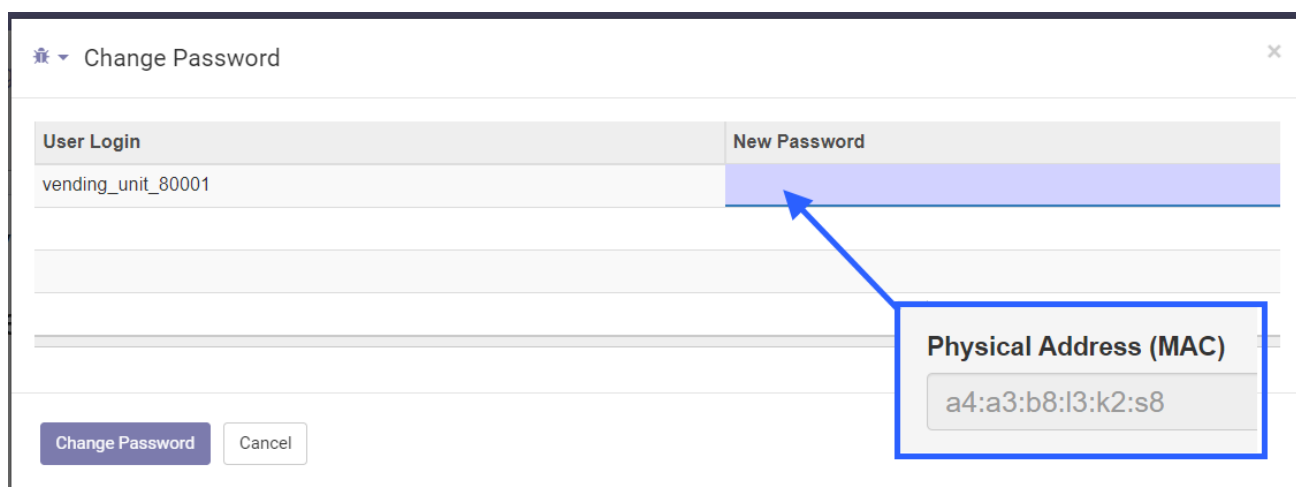
In the Odoo backend open the VU's linked user and change it's password to the value of MAC Address.



The screenshot shows the ETISS CWS web interface. The top navigation bar includes 'Equipment Items', 'Dashboard', 'Orders', and 'Configuration'. The breadcrumb trail is 'Dashboard / Vending_Unit_80001'. The main content area displays the configuration for 'Vending_Unit_80001'. The 'Equipment' tab is selected, and the 'User' field is highlighted with a red box. The configuration table shows the following details:

User	Vending_Unit_80001
Serial	80001
Type	V17
Category	VU
MAC Address	

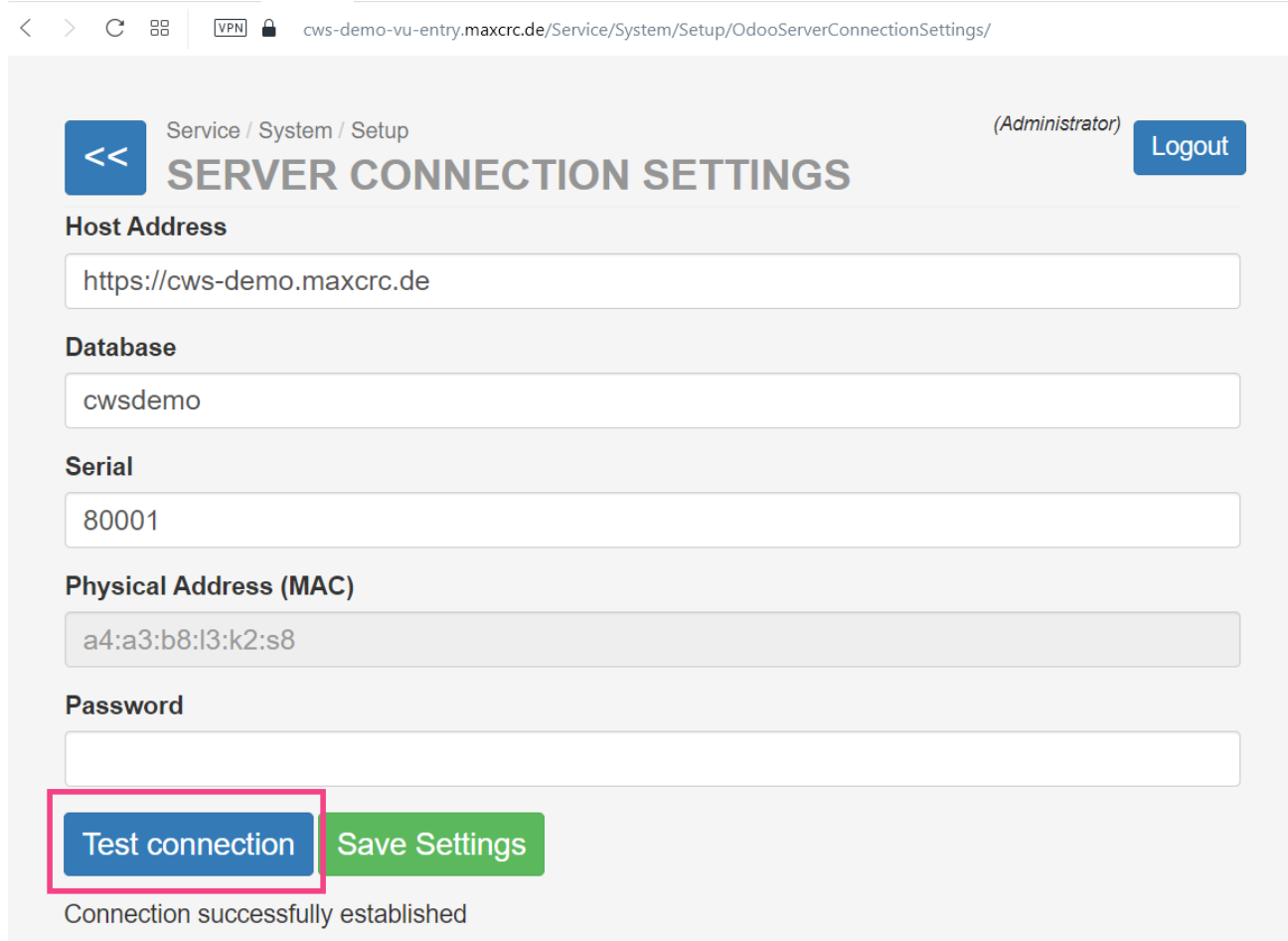
Below the configuration table, the user profile for 'Vending_Unit_80001' is shown. The 'Action' dropdown menu is open, and the 'Change Password' option is highlighted with a red box.



A dialog box titled "Change Password" with a close button (X) in the top right corner. It contains two input fields: "User Login" with the value "vending_unit_80001" and "New Password" which is currently empty and highlighted with a blue selection bar. A blue arrow points from a callout box to the "New Password" field. The callout box is titled "Physical Address (MAC)" and contains the text "a4:a3:b8:l3:k2:s8". At the bottom of the dialog are two buttons: "Change Password" and "Cancel".

Testing server connection settings

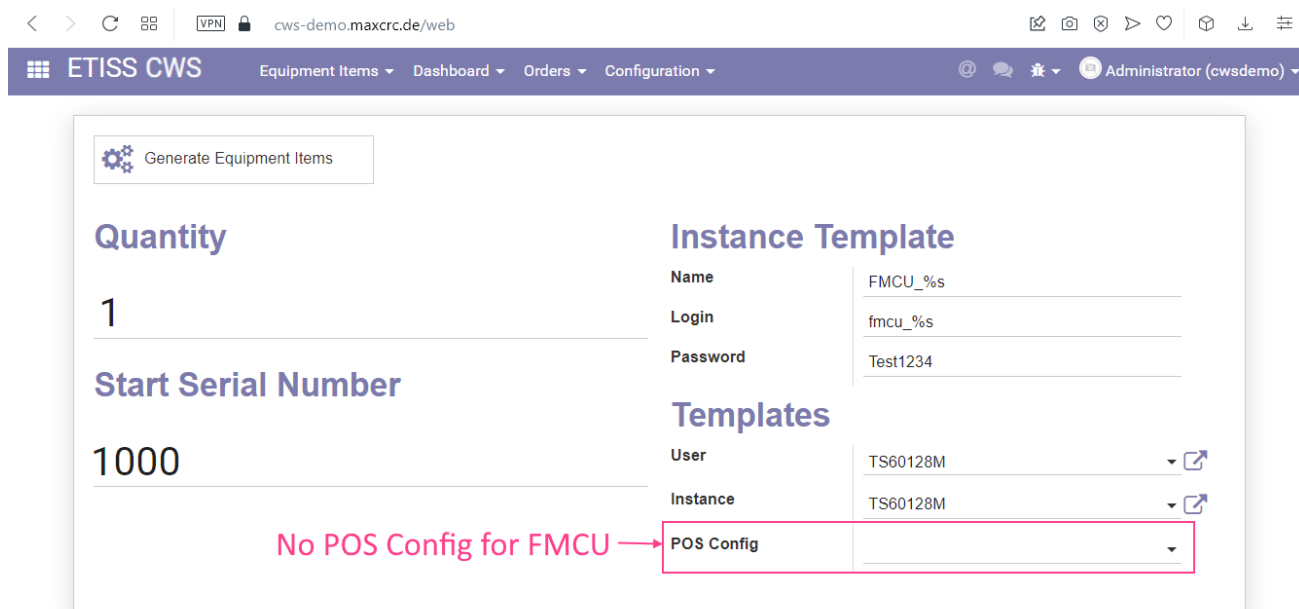
When the password has been changed, go back to the VU's settings page and click "Test connection" button. The message "Connection successfully established" should appear.



A screenshot of the "SERVER CONNECTION SETTINGS" page in a web browser. The browser address bar shows the URL: `cws-demo-vu-entry.maxcrc.de/Service/System/Setup/OdooServerConnectionSettings/`. The page header includes a breadcrumb "Service / System / Setup", the user role "(Administrator)", and a "Logout" button. The main content area has a blue "<<" button and the title "SERVER CONNECTION SETTINGS". Below the title are several form fields: "Host Address" (containing `https://cws-demo.maxcrc.de`), "Database" (containing `cwsdemo`), "Serial" (containing `80001`), "Physical Address (MAC)" (containing `a4:a3:b8:l3:k2:s8`), and "Password" (empty). At the bottom are two buttons: "Test connection" (highlighted with a red box) and "Save Settings" (green). Below these buttons, the message "Connection successfully established" is displayed.

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.



Generate Equipment Items

Quantity
1

Start Serial Number
1000

Instance Template

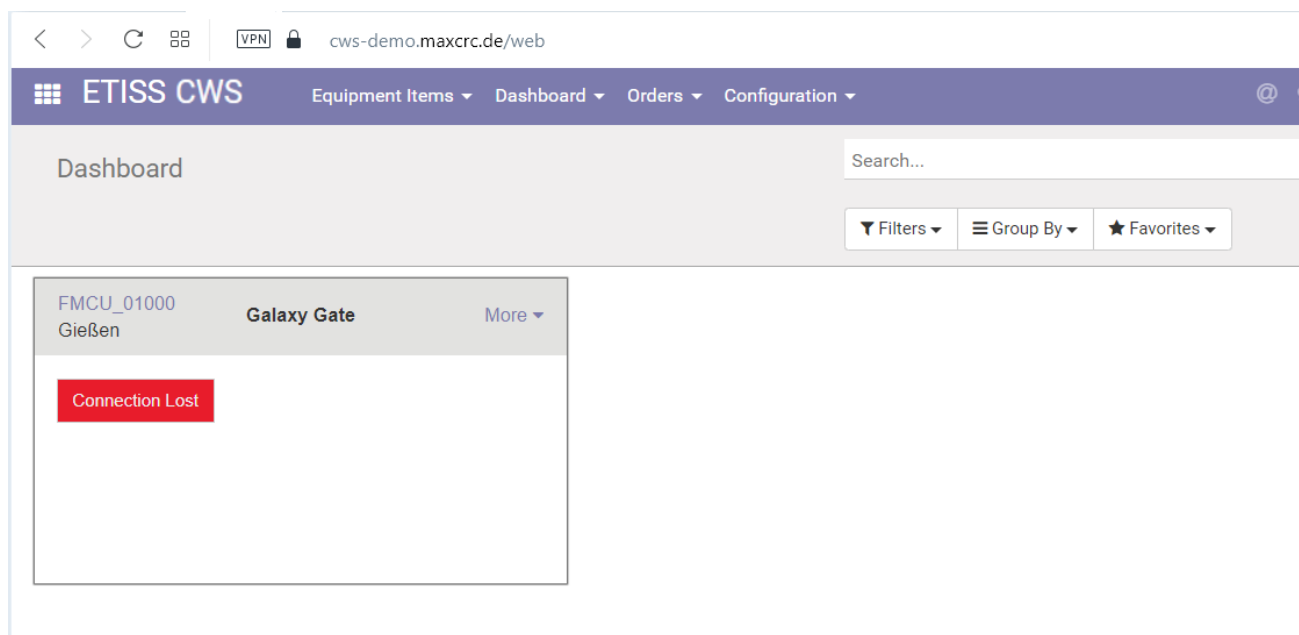
Name: FMCU_%s
Login: fmcu_%s
Password: Test1234

Templates

User: TS60128M
Instance: TS60128M
POS Config:

No POS Config for FMCU →

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



Dashboard

Search...

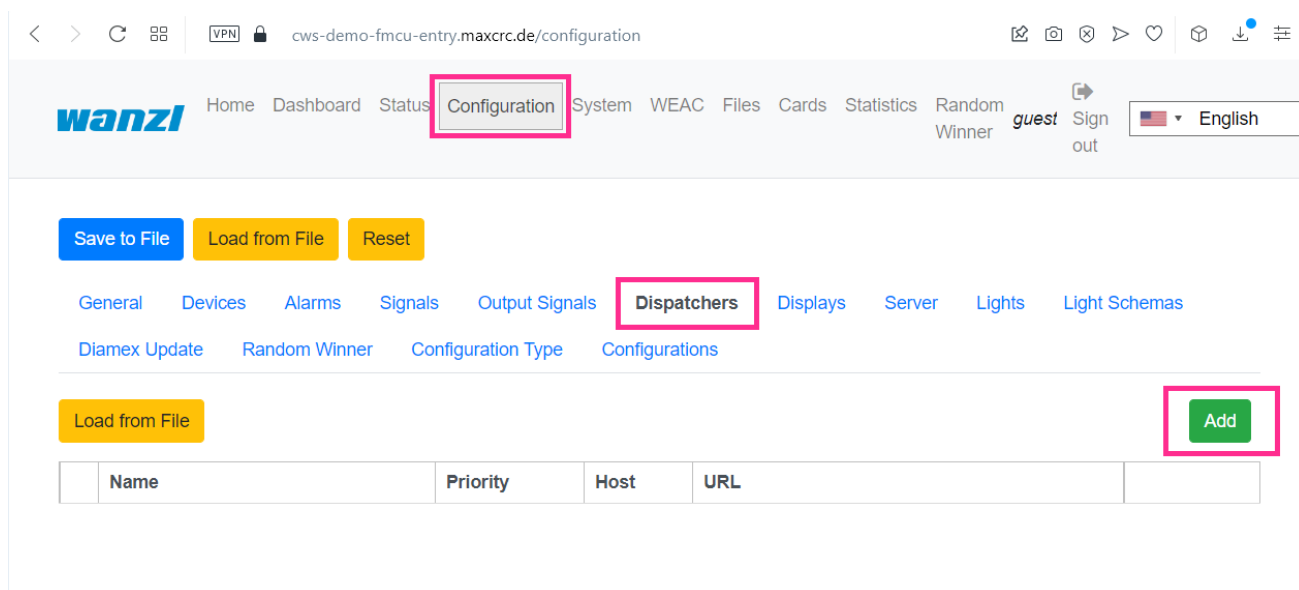
Filters Group By Favorites

FMCU_01000	Galaxy Gate	More
Gießen		

Connection Lost

Creating a dispatcher

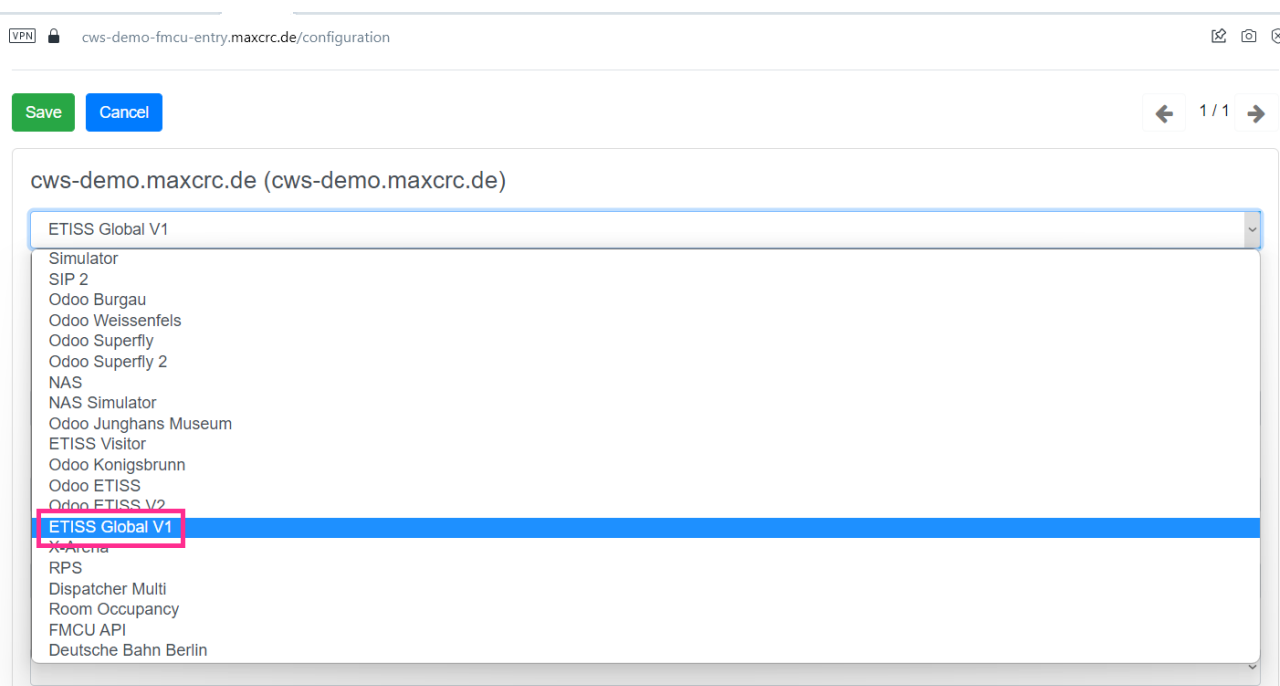
After that, login to the FMCU and create a new dispatcher to establish a connection between FMCU and the server.



Name	Priority	Host	URL	
------	----------	------	-----	--

Enter the following parameters:

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



Save Cancel 1 / 1

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

- ETISS Global V1
- Simulator
- SIP 2
- Odoo Burgau
- Odoo Weissenfels
- Odoo Superfly
- Odoo Superfly 2
- NAS
- NAS Simulator
- Odoo Junghans Museum
- ETISS Visitor
- Odoo Königsbrunn
- Odoo ETISS
- Odoo ETISS V2
- X-Arena
- RPS
- Dispatcher Multi
- Room Occupancy
- FMCU API
- 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

Ligi

Configuration Type

Configurations

Save

Cancel

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

ETISS 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

Change Password

User Login	New Password
fmcu_01000	

Physical Address (MAC)
b8:27:eb:e8:60:4e

Change Password Cancel

Testing dispatcher connection

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

Queue size

Entry

Last read barcode	Jul 6, 2022, 5:38:24 PM	3914E41F
Last barcode result	Jul 6, 2022, 5:38:24 PM	NOK Dispat...
Opened		
Queue size		

Other

Completely entered

Alarms

Alarms

Status

Devices	Jul 6, 2022, 9:56:23 AM	All devices are OK
Dispatcher	Jul 6, 2022, 9:56:22 AM	Connected (cws-demo.maxcrc.de)

Subsystems

Gate controller	Closed	Jul 6, 2022, 9:56:23 AM	2
-----------------	--------	-------------------------	---