

Benutzerhandbuch



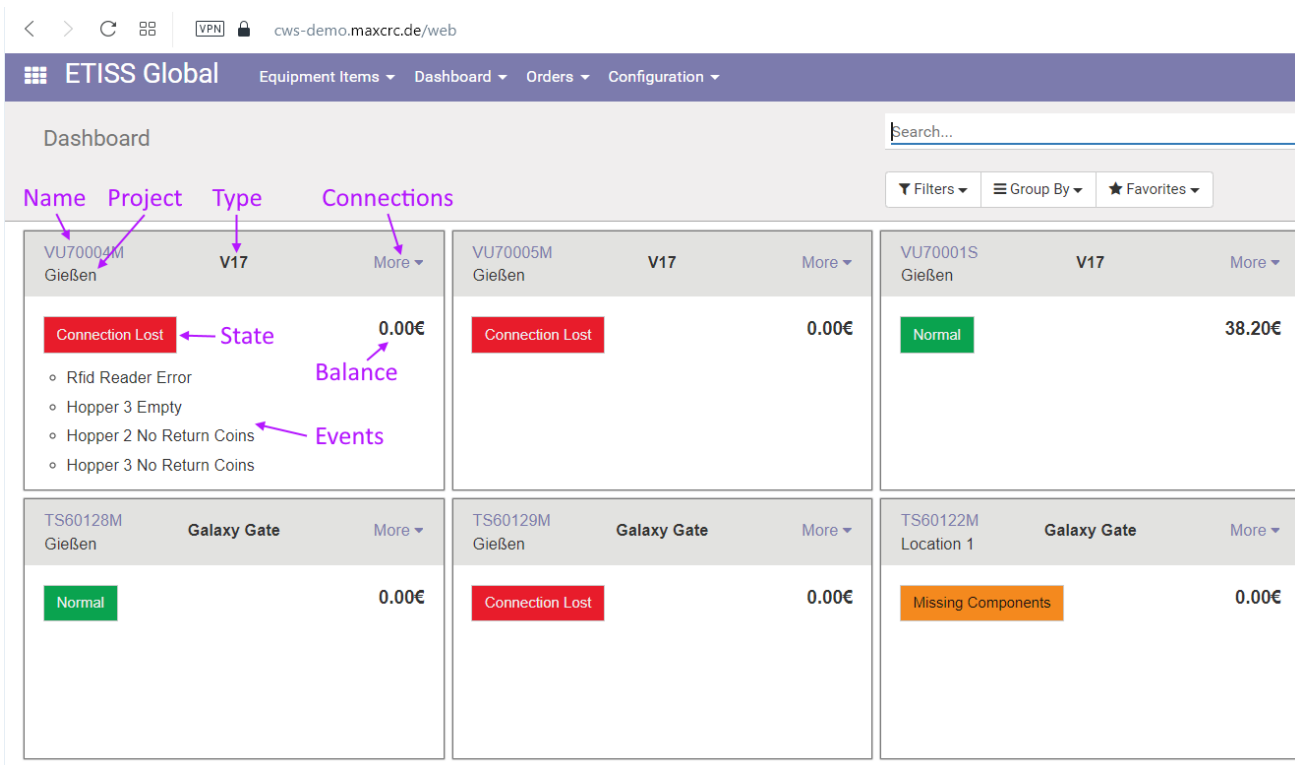
Inhaltsverzeichnis

| | |
|---|----|
| 1 DASHBOARD | 1 |
| 1.1 Main elements description | 1 |
| 1.2 VU state and events | 2 |
| 1.3 Projects | 5 |
| 2 USER MANAGEMENT | 7 |
| 2.1 Available access levels | 7 |
| 2.2 Creating a new user | 7 |
| 2.3 Assigning a project to a user | 8 |
| 3 TICKETS | 8 |
| 3.1 Ticket generator | 8 |
| 3.2 Printing generated tickets | 9 |
| 4 RFID CARDS | 9 |
| 4.1 RFID cards generator | 9 |
| 4.2 Generating RFID cards | 9 |
| 4.3 Assigning a partner to generated card | 9 |
| 4.4 Assigning a card to Vending Unit | 9 |
| 4.5 Assigning a card to project | 10 |

DASHBOARD

Main elements description

The dashboard is designed to give user a convenient way of managing and controlling equipment items registered in the system. Each dashboard item represents a physical device and consists of the following elements:



The screenshot shows the ETISS Global dashboard with a grid of equipment items. Annotations in purple point to specific fields:

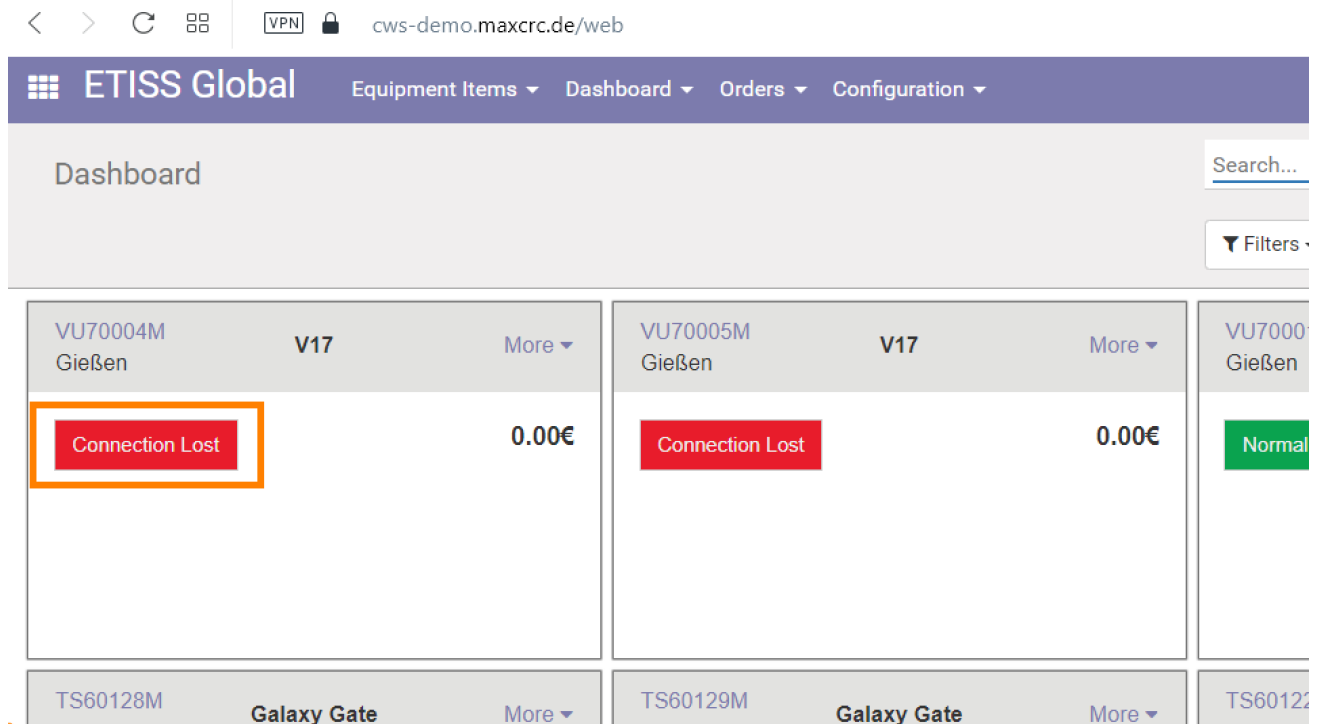
- Name:** Points to the equipment name (e.g., VU70004M Gießen).
- Project:** Points to the project name (e.g., Gießen).
- Type:** Points to the equipment type (e.g., V17).
- Connections:** Points to the 'More' link for connecting to the device.
- State:** Points to the status indicator (e.g., 'Connection Lost' in red).
- Balance:** Points to the current amount of money (e.g., 0.00€).
- Events:** Points to the list of recent events (e.g., 'Rfid Reader Error', 'Hopper 3 Empty', etc.).

| Name | Project | Type | Connections | State | Balance | Events |
|---------------------|---------|-------------|-------------|--------------------|---------|---|
| VU70004M Gießen | Gießen | V17 | More | Connection Lost | 0.00€ | <ul style="list-style-type: none"> Rfid Reader Error Hopper 3 Empty Hopper 2 No Return Coins Hopper 3 No Return Coins |
| VU70005M Gießen | Gießen | V17 | More | Connection Lost | 0.00€ | |
| VU70001S Gießen | Gießen | V17 | More | Normal | 38.20€ | |
| TS60128M Gießen | Gießen | Galaxy Gate | More | Normal | 0.00€ | |
| TS60129M Gießen | Gießen | Galaxy Gate | More | Connection Lost | 0.00€ | |
| TS60122M Location 1 | Gießen | Galaxy Gate | More | Missing Components | 0.00€ | |

- **Name:** Equipment item name.
- **Project:** A project to which this equipment item belongs.
- **Type:** Equipment item type. In case of Vending Units, this can be either V21 or V7, or other modifications.
- **Connections:** This link allows to quickly connect to the item either with ssh, or VNC and check the status.
- **Balance:** In case of VU, shows the current amount of money in the Vending Unit.
- **Events:** Shows the list of events that have happened recently.
- **State:** Displays current state of the equipment item.

VU state and events

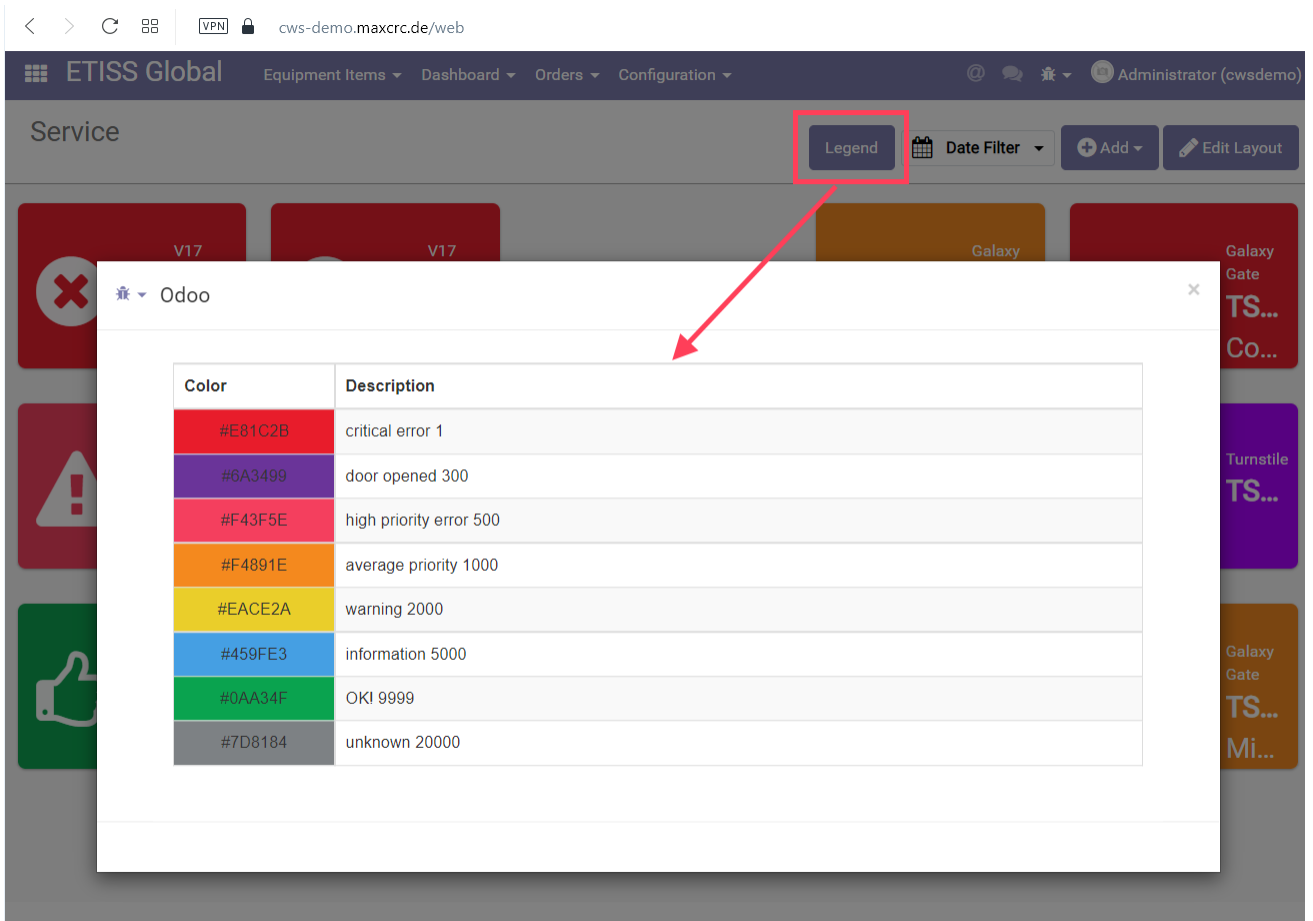
When something happens with Vending Unit or other equipment, it sends an event to the server. You can view current status of the unit and events that happened earlier by pressing a button on the dashboard:



The screenshot shows a web browser window with the URL `cws-demo.maxcrc.de/web`. The page title is "ETISS Global" and the navigation menu includes "Equipment Items", "Dashboard", "Orders", and "Configuration". The main content area is titled "Dashboard" and contains a table of equipment items. The table has columns for item ID, name, status, and price. Two items are highlighted with red boxes: "VU70004M Gießen" and "VU70005M Gießen", both showing a "Connection Lost" status and a price of "0.00€". A third item, "VU70006M Gießen", shows a "Normal" status. Below these, the start of another row for "TS60128M Galaxy Gate" is visible.

| Item ID | Name | Status | Price |
|----------|-------------|-----------------|-------|
| VU70004M | Gießen | Connection Lost | 0.00€ |
| VU70005M | Gießen | Connection Lost | 0.00€ |
| VU70006M | Gießen | Normal | |
| TS60128M | Galaxy Gate | | |

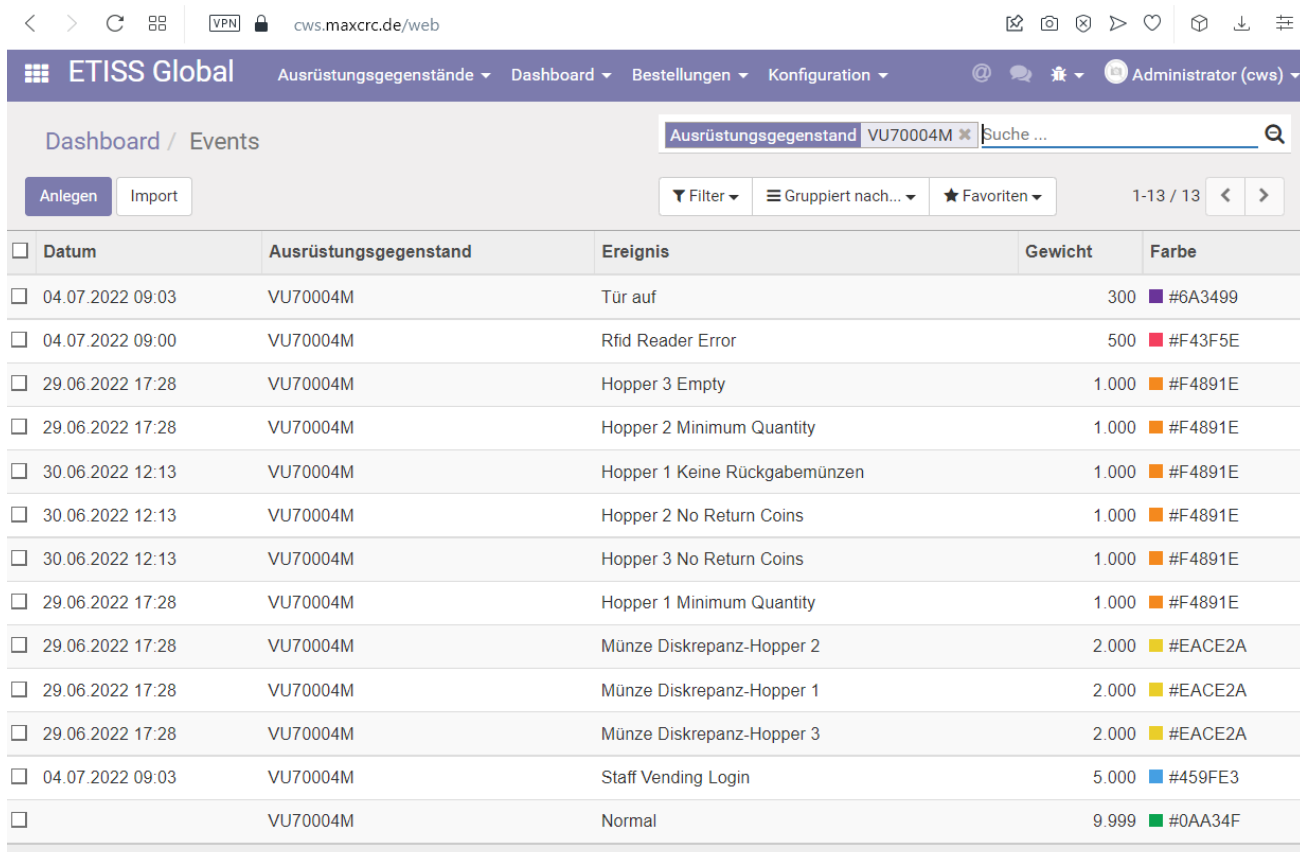
Each event in the list is color-coded and has different weight. More reddish colors have bigger weight and need to be checked immediately. You can see detailed colors description by pressing on the "Legend" button.



The screenshot shows the ETISS Global web interface. A 'Legend' dialog box is open, displaying a table of error codes and their descriptions. The table is as follows:

| Color | Description |
|---------|-------------------------|
| #E81C2B | critical error 1 |
| #6A3499 | door opened 300 |
| #F43F5E | high priority error 500 |
| #F4891E | average priority 1000 |
| #EACE2A | warning 2000 |
| #459FE3 | information 5000 |
| #0AA34F | OKI 9999 |
| #7D8184 | unknown 20000 |

The events list can be sorted by date and weight.



Dashboard / Events

Ausrüstungsgegenstand VU70004M Suche ...

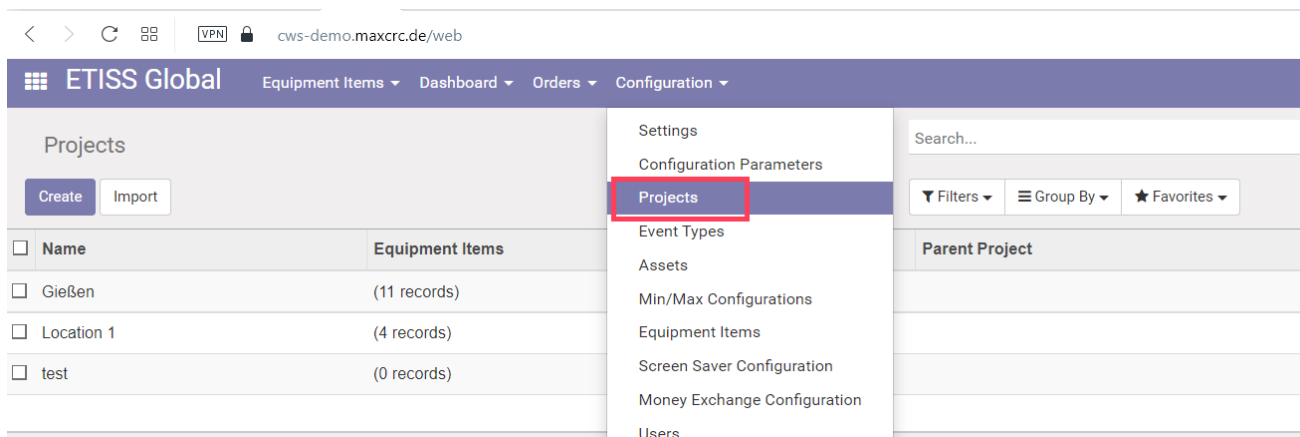
Anlegen Import

Filter Gruppieren nach... Favoriten 1-13 / 13

| Datum | Ausrüstungsgegenstand | Ereignis | Gewicht | Farbe |
|------------------|-----------------------|-------------------------------|---------|---------|
| 04.07.2022 09:03 | VU70004M | Tür auf | 300 | #6A3499 |
| 04.07.2022 09:00 | VU70004M | Rfid Reader Error | 500 | #F43F5E |
| 29.06.2022 17:28 | VU70004M | Hopper 3 Empty | 1.000 | #F4891E |
| 29.06.2022 17:28 | VU70004M | Hopper 2 Minimum Quantity | 1.000 | #F4891E |
| 30.06.2022 12:13 | VU70004M | Hopper 1 Keine Rückgabemünzen | 1.000 | #F4891E |
| 30.06.2022 12:13 | VU70004M | Hopper 2 No Return Coins | 1.000 | #F4891E |
| 30.06.2022 12:13 | VU70004M | Hopper 3 No Return Coins | 1.000 | #F4891E |
| 29.06.2022 17:28 | VU70004M | Hopper 1 Minimum Quantity | 1.000 | #F4891E |
| 29.06.2022 17:28 | VU70004M | Münze Diskrepanz-Hopper 2 | 2.000 | #EACE2A |
| 29.06.2022 17:28 | VU70004M | Münze Diskrepanz-Hopper 1 | 2.000 | #EACE2A |
| 29.06.2022 17:28 | VU70004M | Münze Diskrepanz-Hopper 3 | 2.000 | #EACE2A |
| 04.07.2022 09:03 | VU70004M | Staff Vending Login | 5.000 | #459FE3 |
| | VU70004M | Normal | 9.999 | #0AA34F |

Projects

Each equipment item can belong to a certain project. You can configure projects in "Etiss Global" -> "Configuration" -> "Projects" menu. Once you add an item to a project, you can limit visibility of the project items for certain users by assigning a user to the project. After that, each user will be able to see and work only with equipment items that belong to a certain project.



Equipment Items Dashboard Orders Configuration

Projects

Create Import

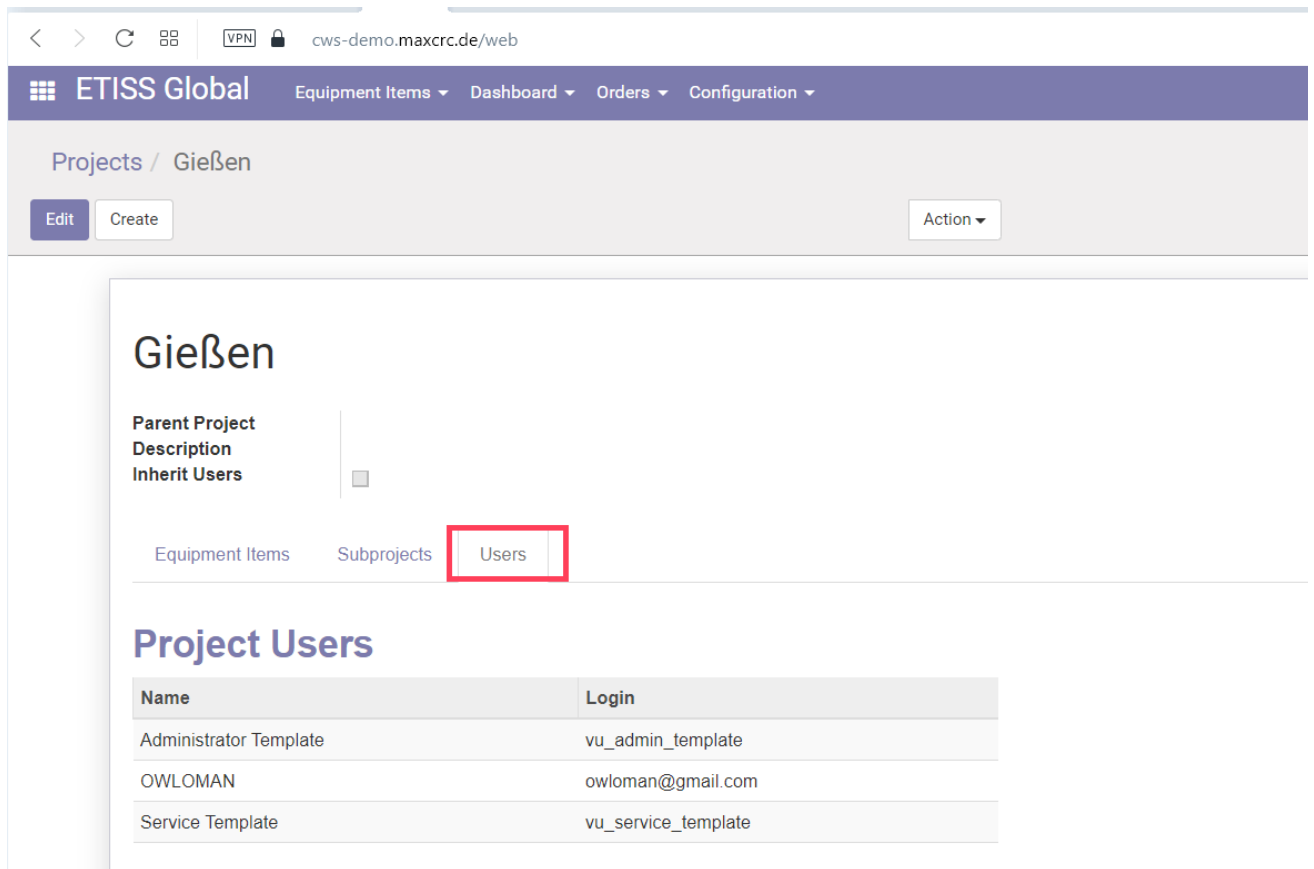
| Name | Equipment Items |
|------------|-----------------|
| Gießen | (11 records) |
| Location 1 | (4 records) |
| test | (0 records) |

- Settings
- Configuration Parameters
- Projects**
- Event Types
- Assets
- Min/Max Configurations
- Equipment Items
- Screen Saver Configuration
- Money Exchange Configuration
- Users

Search...

Filters Group By Favorites

Parent Project



ETISS Global | Equipment Items | Dashboard | Orders | Configuration

Projects / Gießen

Edit Create Action

Gießen

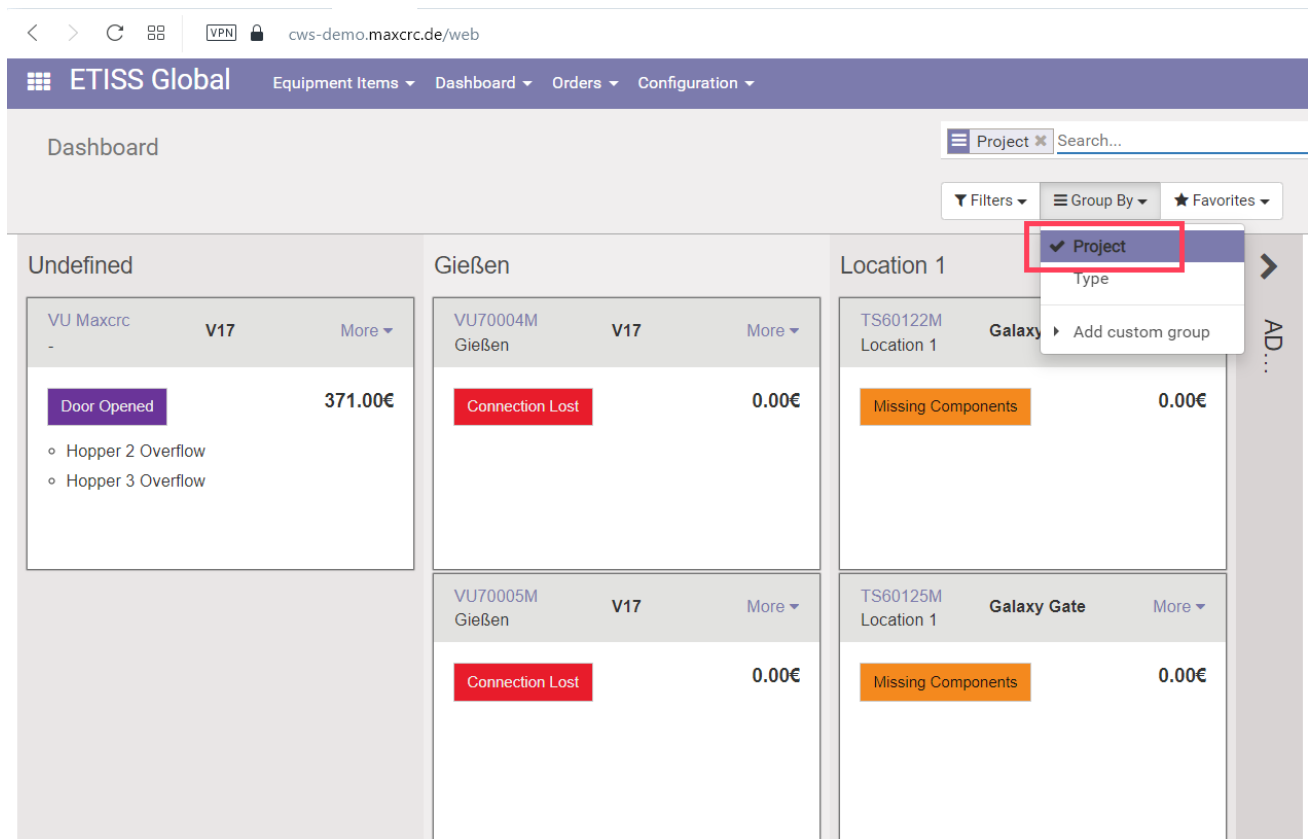
Parent Project
Description
Inherit Users

Equipment Items Subprojects **Users**

Project Users

| Name | Login |
|------------------------|---------------------|
| Administrator Template | vu_admin_template |
| OWLOMAN | owloman@gmail.com |
| Service Template | vu_service_template |

There's also a nice ability to group equipment items by their project or type.



ETISS Global | Equipment Items | Dashboard | Orders | Configuration

Dashboard

Project Search...

Filters Group By Favorites

Project
Type
Add custom group

| Undefined | Gießen | Location 1 |
|---|---|--|
| <p>VU Maxcrc V17 More</p> <p>Door Opened 371.00€</p> <ul style="list-style-type: none">Hopper 2 OverflowHopper 3 Overflow | <p>VU70004M Gießen V17 More</p> <p>Connection Lost 0.00€</p> | <p>TS60122M Location 1 Galaxy</p> <p>Missing Components 0.00€</p> |
| | <p>VU70005M Gießen V17 More</p> <p>Connection Lost 0.00€</p> | <p>TS60125M Location 1 Galaxy Gate More</p> <p>Missing Components 0.00€</p> |

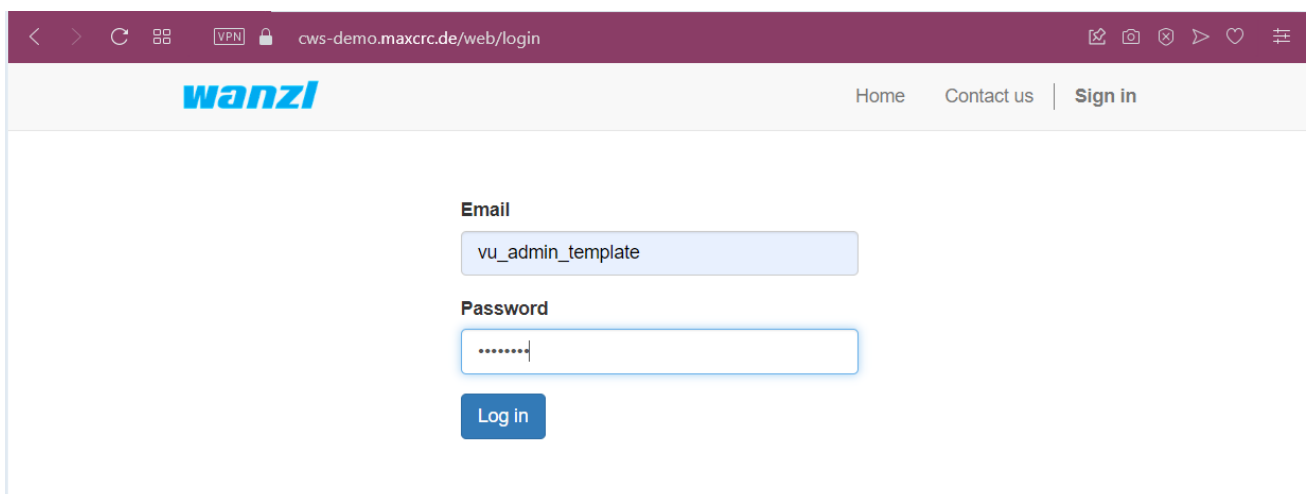
USER MANAGEMENT

Available access levels

The system has 3 access levels:

- **Cashier - "vu_cashier_template"**: Works with money, has limited access to other functions of the system.
- **Service - "vu_service_template"**: Maintains the equipment and can control its various aspects.
- **Administrator - "vu_admin_template"**: Has admin privileges and access to all functions of Etiss Global system.

To login into the system using any of these roles, open the login page, enter desired user login (email), enter password and click "Login".

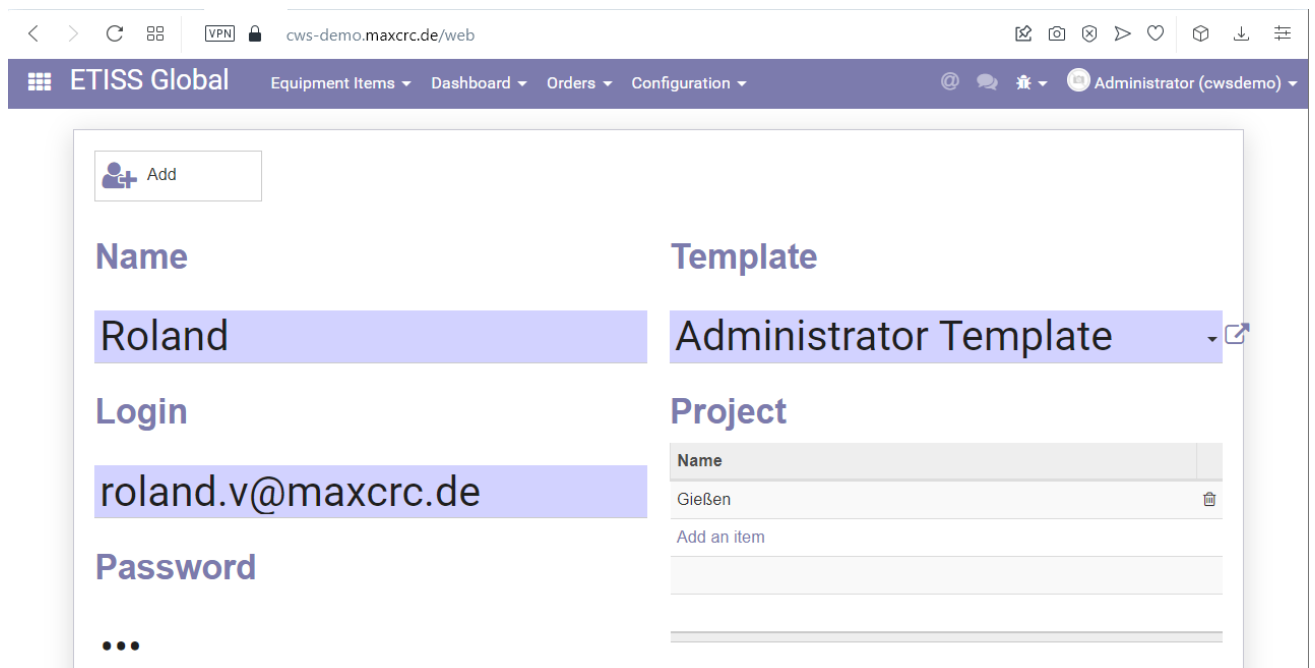


The screenshot shows a web browser window with the URL `cws-demo.maxcrc.de/web/login`. The page features the **wanzi** logo in the top left and navigation links for [Home](#), [Contact us](#), and [Sign in](#) in the top right. The central login form includes an **Email** input field with the text `vu_admin_template`, a **Password** input field with masked characters, and a blue **Log in** button.

Creating a new user

To create a new user navigate to "Etiss Global" -> "Configuration" -> "Partner registration" menu and fill in following fields:

- **Name**: User's name.
- **Login**: A login which is going to be user to log in to the system.
- **Password**: User's password.
- **Template**: Access level template ("Cashier template" - only works with money, "Service template" - takes care of the Units, "Administrator template" - Local GOD).
- **Project**: User will see and be able to work only with equipment items that belong to selected here projects.



Assigning a project to a user

To assign a project while creating a new user, in the "Project" area click "Add item" and select the required project and click "Add" button. If you've already created a user, you can open a project where you'd like to add the user, then select "Users" tab and add a user there.

[[Datei:|rahmenlos|800px]]

TICKETS

Ticket generator

Ticket generator allows to generate a specified number of tickets and print them out if needed. This feature can be used, for example, in case if you need to create a lot of free tickets and give them to people.

To open ticket generator, navigate to "Main menu" -> "Tickets" -> "Configuration" -> "Ticket generator":

[[Datei:|rahmenlos|800px]]

[[Datei:|rahmenlos|800px]]

Next, fill in the following fields:

- **Name:** The name of the generated tickets (not printed anywhere, just a display name).
- **Product:** The product based on which tickets will be generated. (Ex: to generate free tickets, you need to select free product here).

Click "Save", and after that click **Generate tickets** button.

[[Datei:|rahmenlos|800px]]

Select the number of tickets to generate and click **Generate**

Printing generated tickets

Once tickets were generated, you can print them out by pressing **Print generated tickets** button.

[[Datei:|rahmenlos|800px]]

RFID CARDS

RFID cards generator

RFID card generator can be used with reader to mass register RFID cards. An operator scans the card with the reader, these cards then being added to the list of cards separated by the line break, space, comma, or semicolon. And finally, after selecting the card type, these cards then can be registered in the system in one click.

Generating RFID cards

[[Datei:|rahmenlos|800px]]

To use RFID cards generator go to "RFID cards" -> "Configuration" -> "Mass register" and fill in the following fields:

- **Type:** The type of RFID card to be registered.
- **Ticket product:** The product on which the linked ticket will be based.
- **RFID cards:** An array of RFID cards to be registered. These can be obtained from card reader or pasted via clipboard manually. The system understands the following card separation symbols: **line break**, **space**, **comma**, or **semicolon**.

Assigning a partner to generated card

After all necessary cards were successfully generated you can assign a previously created partner to them. This can be done by opening a card and selecting a partner.

From the menu "RFID cards" -> "Cards" -> "Registered cards" open any card, click "Edit" and in the **Partner** field select desired partner.

[[Datei:|rahmenlos|800px]]

Now this card is associated with a partner.

Assigning a card to Vending Unit

After assigning a partner to a card, this card can be linked to the vending unit with a specified access level. To do this, login as Administrator, find and open a vending unit to which you need to link a card, and click on it's configuration settings. In this case it's "VU Single FMCU" link.

[[Datei:|rahmenlos|800px]]

On the "Service cards" tab you can add cards and specify their corresponding access level.

[[Datei:|rahmenlos|800px]]

Assigning a card to project

The card also can be linked to a project. But you have to keep in mind that assigning a card to a particular VU configuration has precedence over assigning it to the project. To assign a card to a project, go to the "Etiss Global" -> "Configuration" -> "Projects" menu, select a project and on the "Service cards" tab link a card with corresponding access level.

[[Datei:|rahmenlos|800px]]