

ZENNER caltos radiator identification and evaluation portal

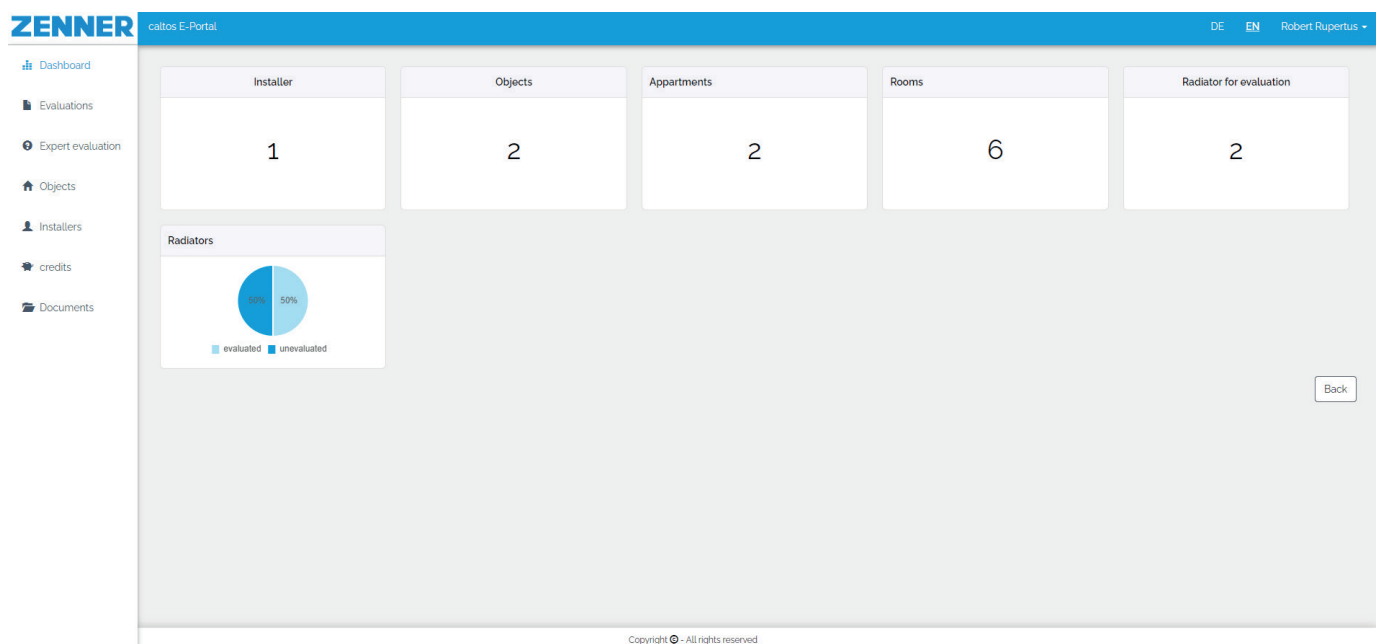
Cloud based application

During the installation of heat cost allocators and the identification and evaluation of radiators, ZENNER is breaking new and trend-setting grounds: The installers can use the cloud solution that was developed by ZENNER to record all the technical radiator data with all the relevant parameters on site and digitally.

The menu guidance is graphically supported, input fail-safe and allows to perform and to finish the evaluation

procedure based on the entered data also in a possible second step in the evaluation back office without data or transcription losses.

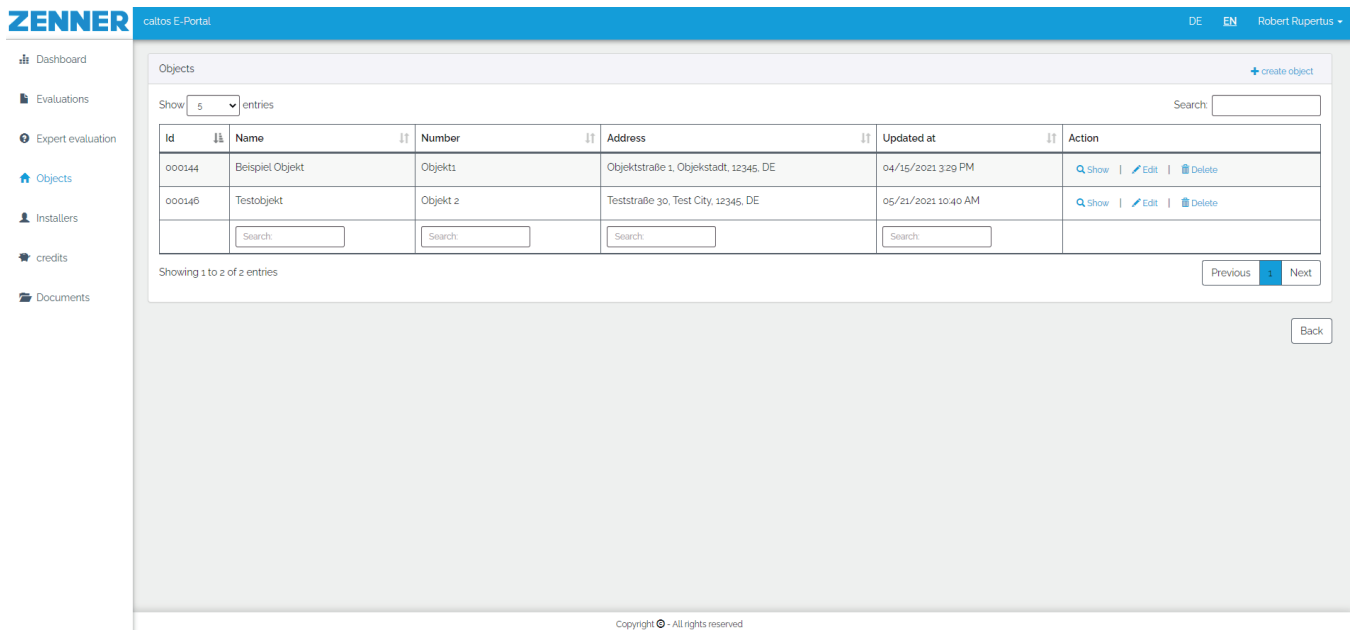
The ZENNER caltos radiator identification and evaluation portal convinces with its clear design. In the so-called dashboard, the user receives an overview of objects that have already been identified and evaluations of radiators that are still pending.



By clicking on the respective buttons "Installer", "Objects", "Appartments", "Rooms" and "Radiator for evaluation", the user can manage or create the units listed below both on site and in the back office.

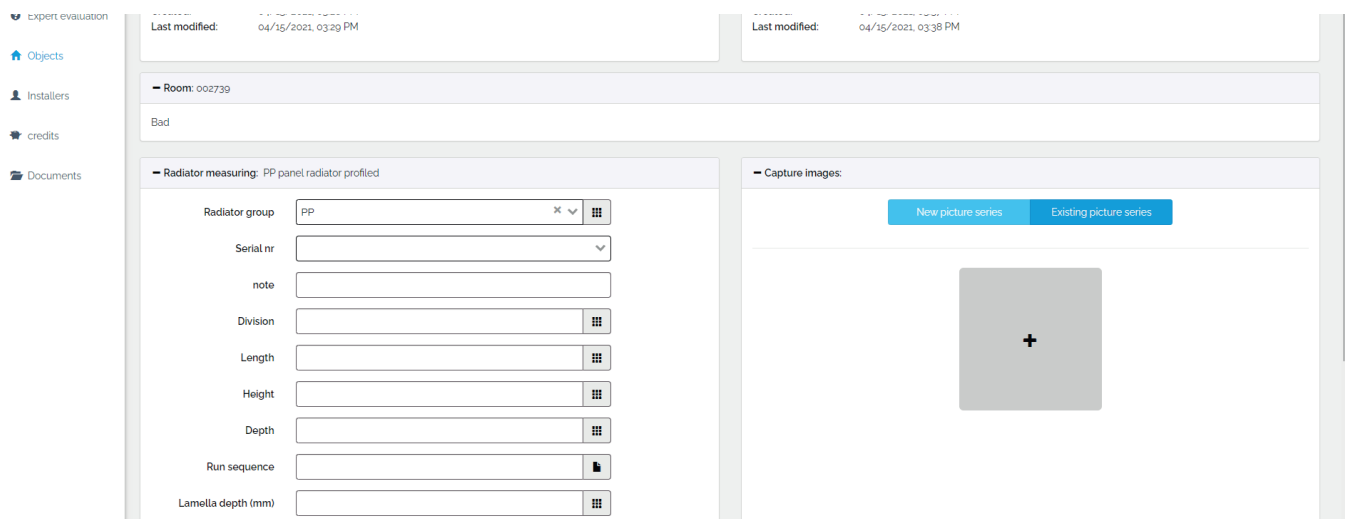
The menu navigation is structured in a very comprehensible way. The resulting user interface is therefore self-explanatory for the user. As a result, the user immediately finds his way around and can quickly and easily expand, edit or delete the objects as required.

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The local benefit becomes even clearer when radiators are recorded directly at the customer's premises. Due to the dependencies during input, error detection is reduced to a minimum. Because mobile network coverage is not available everywhere, the radiator can

also be recorded offline. Immediately after an internet connection is connected, the data is uploaded and visible to other users, such as the back office.



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In some cases, it is difficult to carry out the correct evaluation even though the radiator has been accurately recorded. In such a case, the ZENNER caltos radiator identification and evaluation portal impresses with a so-called expert evaluation. Such a request contacts the Zenner expert team, which takes care of the

submitted information and carries out the evaluation safely and quickly. The billing of evaluations is done by "credits". With the purchase of heating cost allocators, these credits are booked to the customer's account for the evaluation. Credits can also be reordered at any time.

After successful evaluation, the user receives the necessary information to guarantee correct billing of the heat cost allocator. The changeover of the heat cost allocator from unit scale to product scale would also be possible with the data received.

The ZENNER caltos radiator identification and evaluation portal also gives users access to the extensive Zenner database. Here you will find useful information about radiators, installation materials and installation methods that will help you to carry out a correct evaluation and also a fault-free installation.

The screenshot displays the ZENNER caltos E-Portal interface. The top navigation bar includes the ZENNER logo, the text 'caltos E-Portal', and user information: 'DE EN Robert Rupertus'. A left sidebar contains a menu with items: Dashboard, Evaluations, Expert evaluation, Objects, Installers, credits, and Documents. The main content area, titled 'Documents', lists various technical documents in a grid format:

- General section
- BS-Bathroom heater
- KL-Heater with lamella front
- OS-Pipes and pipe registers vertical installation
- PG-Plate heater with smooth front surface
- PP-Plate heater with profiled front surface
- PV-Plate heaters radiavectors
- RA-Aluminium radiators
- RR-Pipe radiators
- Overview Forms
- Mounting types
- KF-Convector freestanding Convector in niches
- KL-Layer sequence
- OW-Pipes and pipe registers horizontal installation
- PJ-Plate heaters louvre heaters
- FR-Gauntlet heater
- PW-Layer sequence
- RG-Cast iron radiators
- RS-Steel radiators
- Inspection and installation full manual
- Overview of mounting material
- KK-Convector
- KJ-Underfloor convectors
- PG-Layer sequence
- PP-Layer sequence
- PV-Layer sequence
- PW-Plate heaters Heizwände walls panels grids and screens
- RK-Radiators box like
- RW-Wave and fold radiators

A 'Back' button is located in the bottom right corner of the document list area. At the bottom of the page, a copyright notice reads: 'Copyright © - All rights reserved'.

Advantages

- Increased efficiency due to fully digitised radiator measurement and evaluation process
- Online installation and mounting instructions available in the portal, no paper manual required
- Operating system-independent browser application
- Extensive database for standard radiator evaluations
- Online request for expert support of non-standard evaluations possible
- Presentation of the evaluation overview as a basic technical data sheet per property

Product characteristics

- Identification and evaluation portal for ZENNER heat cost allocators caltos E
- Radiator identification and power evaluation device-independent possible
- Simple device number selection during mounting via previous import of electronic delivery notes
- Secure measurement recording for identification and evaluation by means of photo documentation and very detailed parameter recording
- Status overview of the evaluations
- Simple identification and evaluation of the respective radiators in conjunction with the correct mounting type of a ZENNER caltos E HCA
- Online process and status overview for expert evaluations with additional costs
- Basic technical data sheet with assignment of the device numbers to the radiators after complete evaluation of all radiators per property
- Export to .csv or printout of a basic technical data sheet as PDF
- Differentiation between Admin and evaluator respectively installer role
- Encrypted access via internet (HTTPS)

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