



IXARO paging system

Installation and
operation manual
Version 1.2.3



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Installation of the IXARO-Software

System requirements

Server

- The virtual machine must meet the following requirements to operate the IXARO pager system:
- 1x virtual CPU core is sufficient
- Minimum: 2 GB RAM, Recommended: 4 GB RAM
- Minimum: 5 GB free hard disk space, Recommended: 10 GB
- Operating system: Windows 64-Bit
- Free TCP ports. internal (loopback/localhost): 3306, 8009, 8080, 8443

The following TCP ports must be accessible for the operation of the Ixaro system:

- Clients (browser) to web application server (VM): 80, 443
- Web application server (VM) to L10/P500 NET transmitter: 1470
- Web application server (VM) to LR10-NET receiver: 100

Clients

The following browsers are supported:

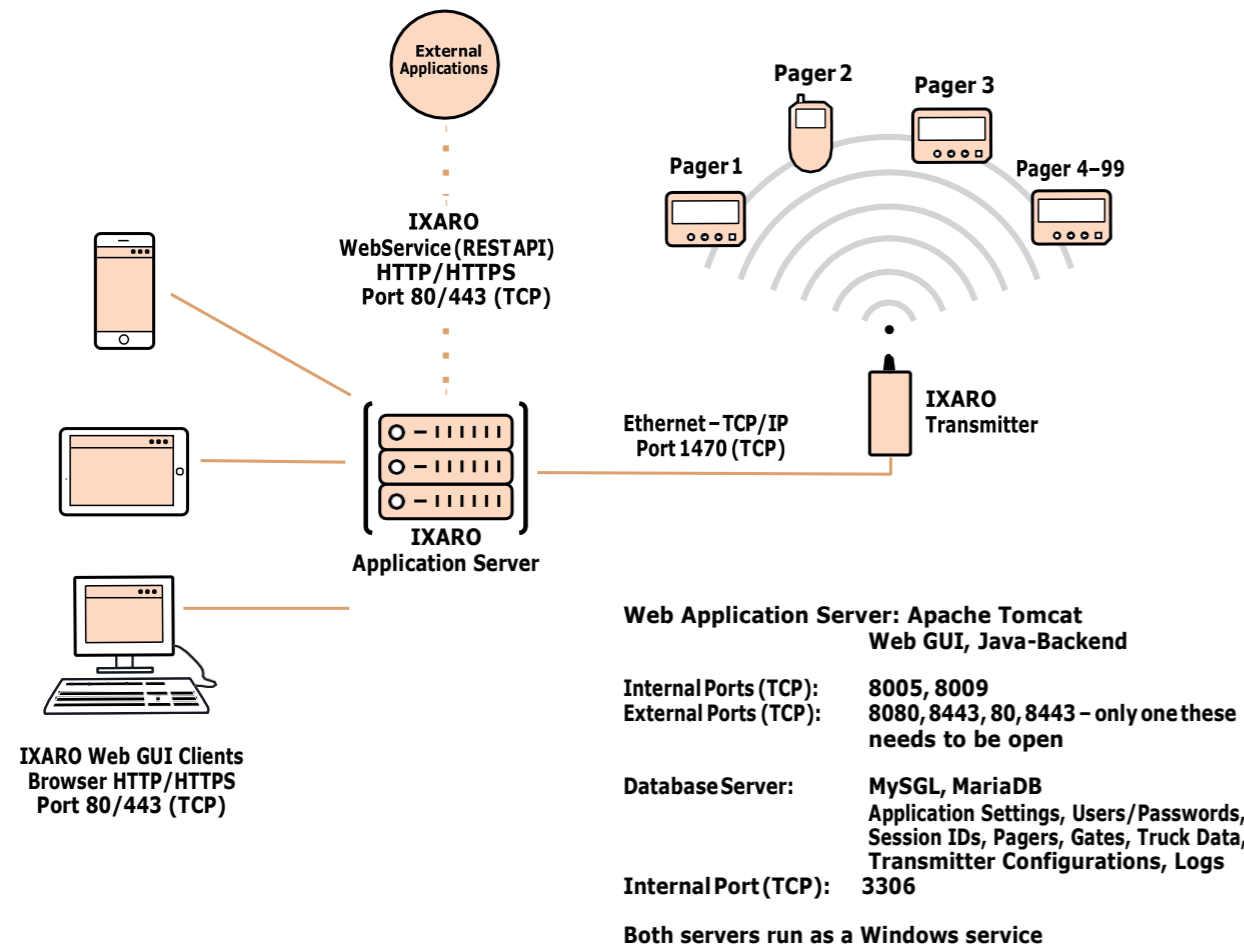
- Google Chrome (Version 48 and higher)
- Mozilla Firefox (Version 47 and higher)
- Microsoft Edge (Version 15 and higher)
- Opera (Version 35 and higher)
- Vivaldi (Version 1 and higher)
- Safari (8 and higher)

Installation

The Ixaro pager system is installed fully automatically using an installation program provided by us. All required runtime components are included and up to date at the time of installation

Useful tools for setting up and maintaining the Ixaro Pager System Server are included with the installer. All tasks can be done directly on the server without installing third-party software. The system can be operated unattended and without user login.

The fully automatic installation program sets up and configures the necessary Windows services.



The entire Ixaro pager system is supplied with all available components and interfaces and installed automatically. The components are activated using the individual license key. Components can be tested for a limited time and subsequently activated

If the fully automatic installation is not used, Linux can also be used as the operating system.

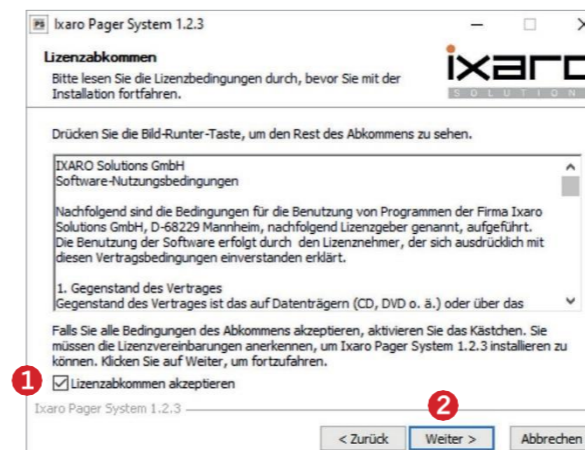
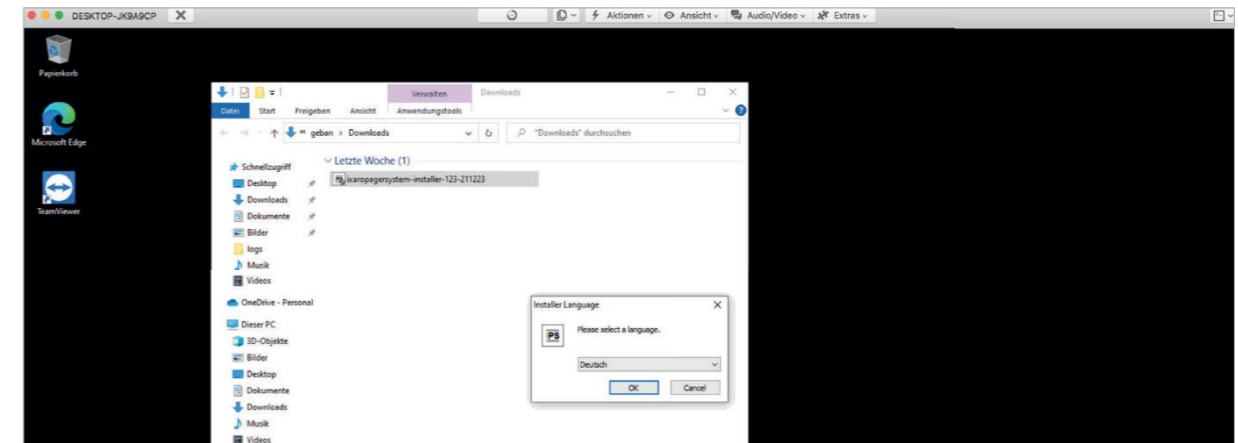
Installation

After you have received the download link for the IXARO software from us, enter it in the browser and press "Enter" and "Save". Now the installation program for the IXARO software will be downloaded

Important: If the security check of your browser is activated, the program must still be run!

The installer usually opens automatically. If this is not the case, you can find the installer in your Downloads folder. From there you can then run it with a double click.

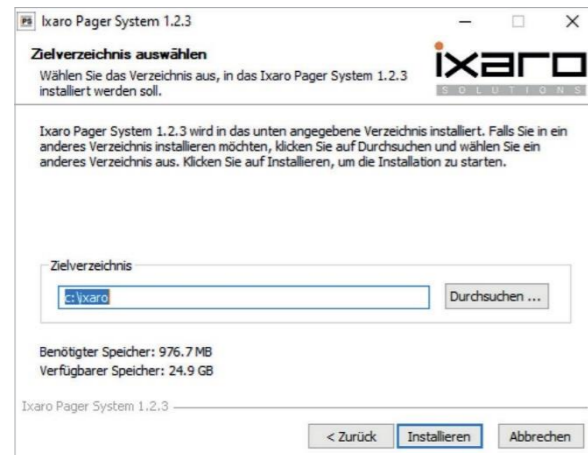
First select the language:



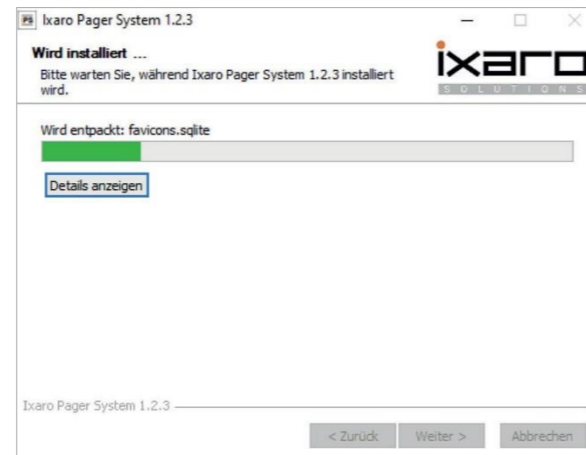
Next comes the approval of the license agreement. Read the license agreement carefully

Agreement is given by clicking on **„Accept license agreement“** ① and **„Continue“** ②.

Now the directory on which the IXARO software should be installed must be selected. After that, click "install".

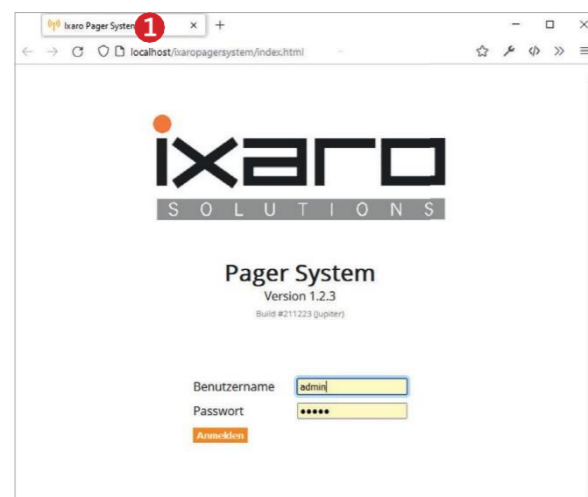


Selection of the target directory

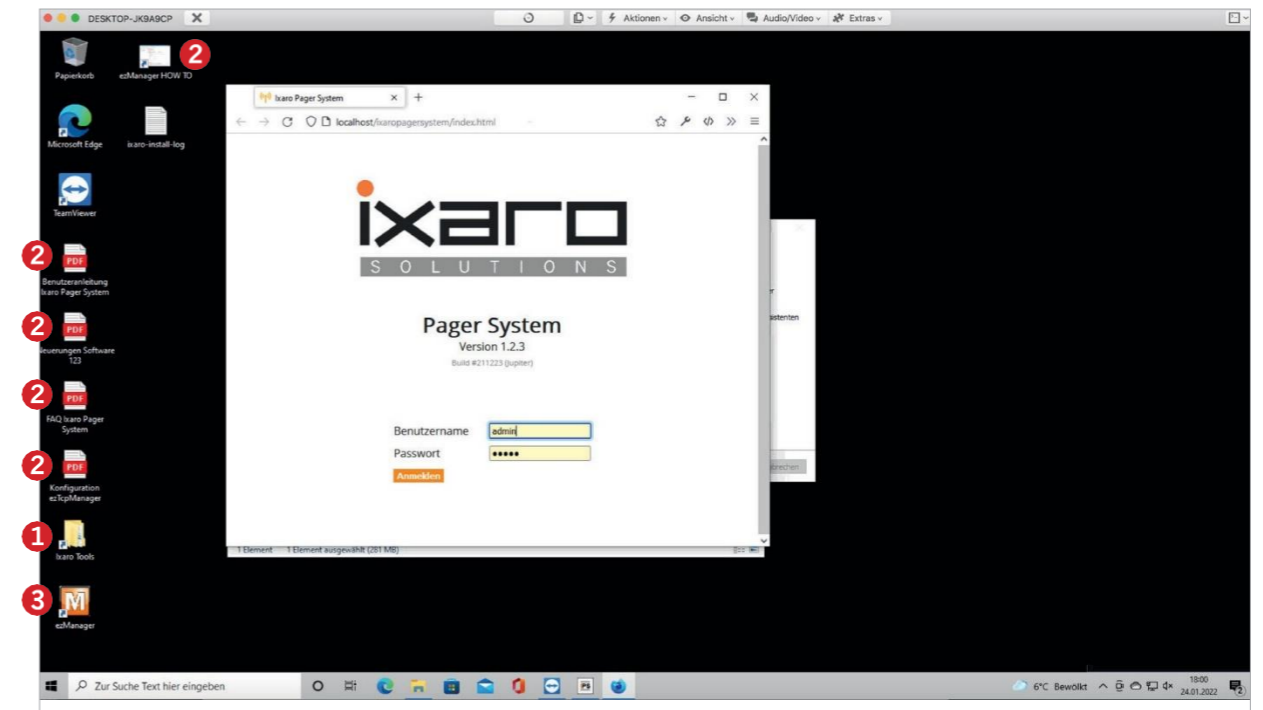


Installation process

After completing the installation, a browser supplied by us opens automatically with the IXARO web software. This can be found in the browser under "localhost" **1**. The default credentials are "admin" for username and "ixaro" as for the password. For your own safety, please change this after the first start of the software



Additional files were copied to the desktop during installation. The IXARO tools **1**, the IXARO-documentations **2** and the EZ-Manager **3**, which will be important later to configure the sender/transmitter.



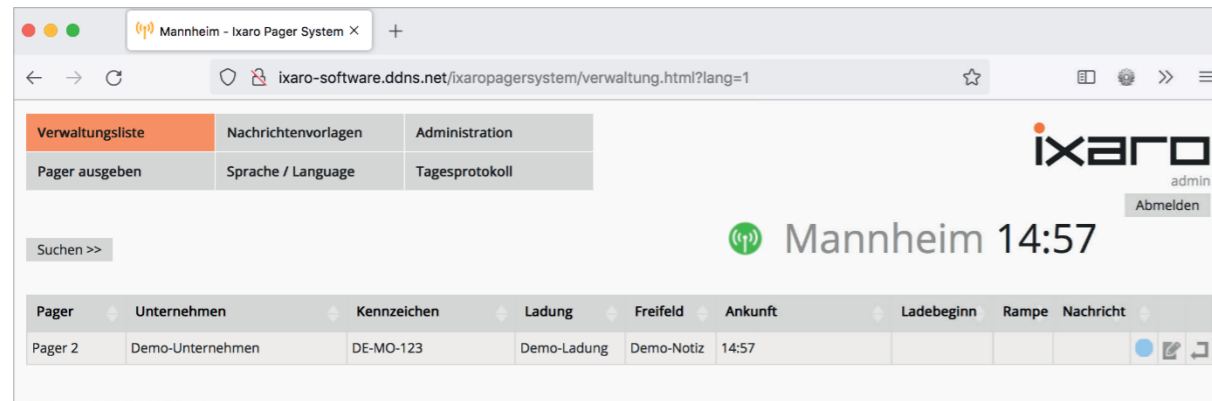
Software overview

The following is the start screen for the main menu item "Administration" after logging in with other important elements for using the IXARO software.

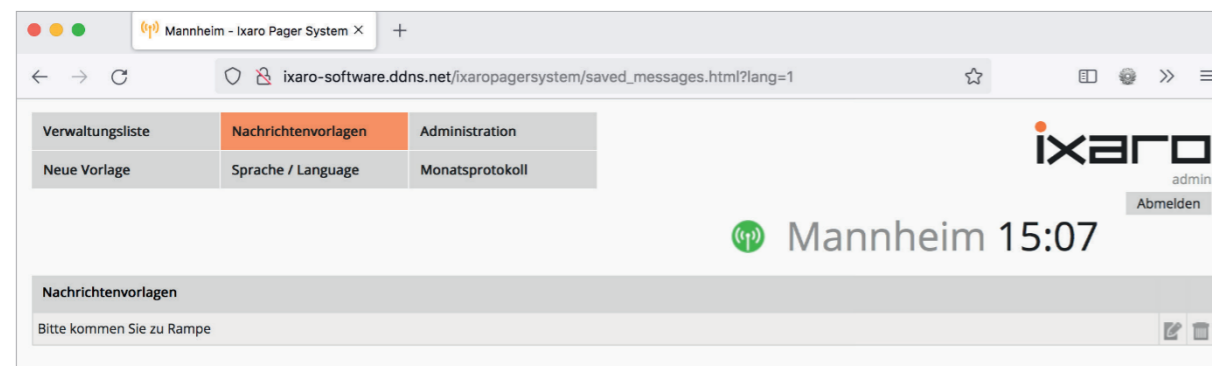
Example: „Administration" > „Sender"

The screenshot shows the IXARO administration interface. The main navigation bar (1) contains 'Verwaltungsliste', 'Nachrichtenvorlagen', and 'Administration'. The subnavigation bar (2) contains 'Reichweitentest', 'Sprache / Language', and 'Gesamtprotokoll'. The 'Administration' section (3) has tabs for 'Sender', 'Benutzer', 'Pager', 'Rampen', 'Lizenz', and 'Erweiterte Einstellungen'. The 'Sender' tab (4) shows a table with columns 'Gerät' and 'Adresse'. A context menu (9) is open over the table, listing various configuration options such as 'index', 'pager', 'trucker', 'trucker_language', 'company', 'license_plate', 'freight', 'custom_field', 'begin_transfer', 'begin_loading', 'gate_name', 'last_message', and 'status'. A status indicator (6) shows 'Mannheim 15:07' and a log out button (7) labeled 'Abmelden'. A red box (8) highlights the context menu options.

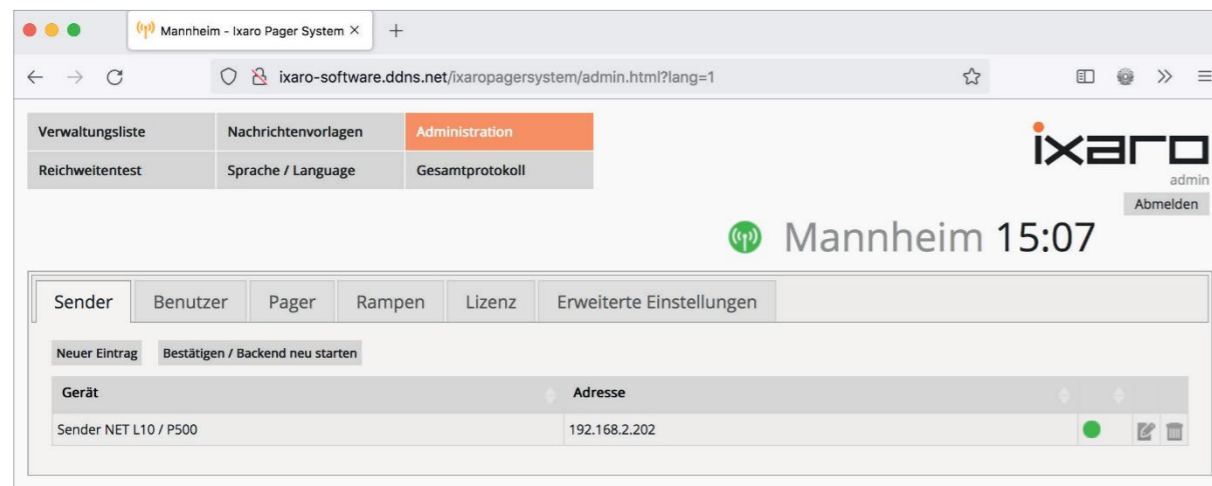
- 1 Main navigation
- 2 Subnavigation or available functions for the selected navigation item
- 3 Navigation 3rd level with the available functions for the selected subnavigation
- 4 Available functions for the selected item on the 3rd navigation level
- 5 List of the selected navigation point
- 6 status indicator
- 7 Log out
- 8 Depending on the list, different elements for the transfer as delete, edit etc..
- 9 Each list can be configured according to your needs after right-clicking in the menu that appears



Homescreen „management list”



Homescreen „Message templates”



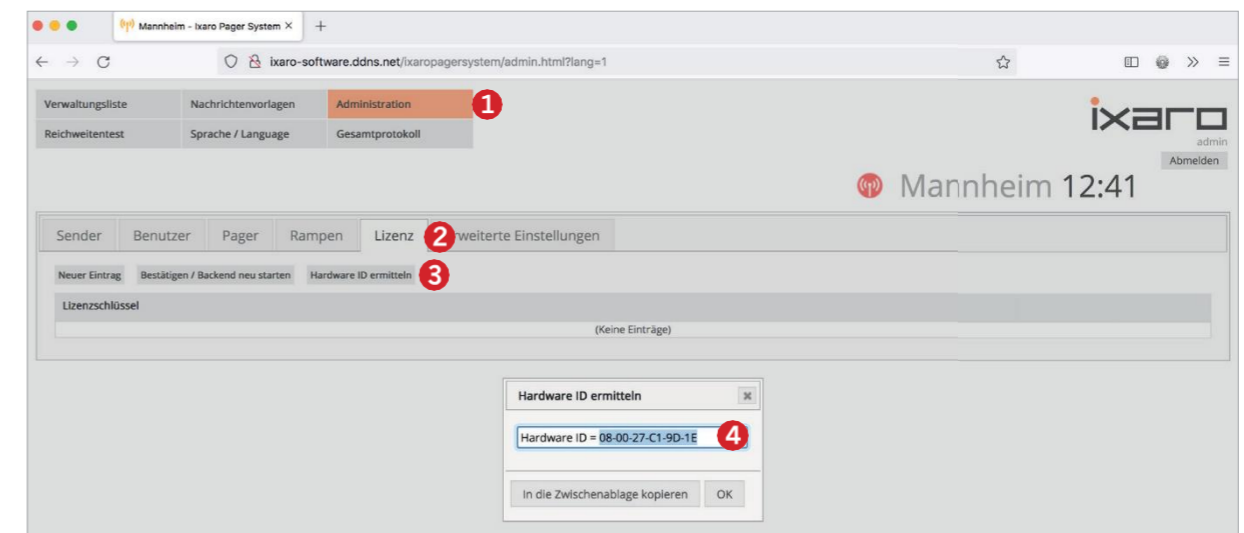
Homescreen „Administration”

Softwarefeatures

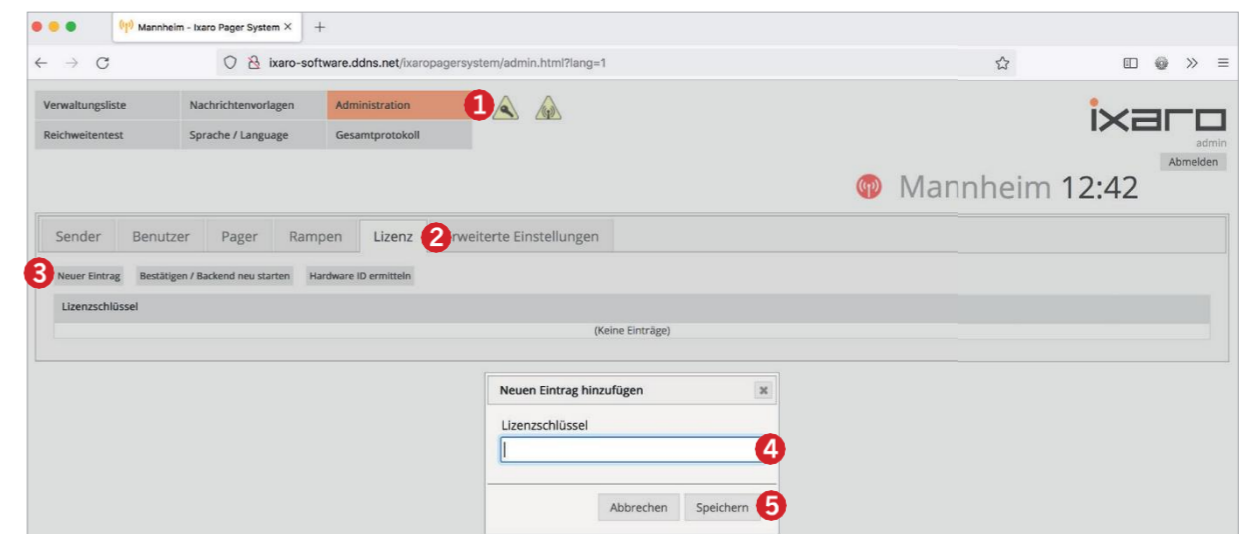
Software activation

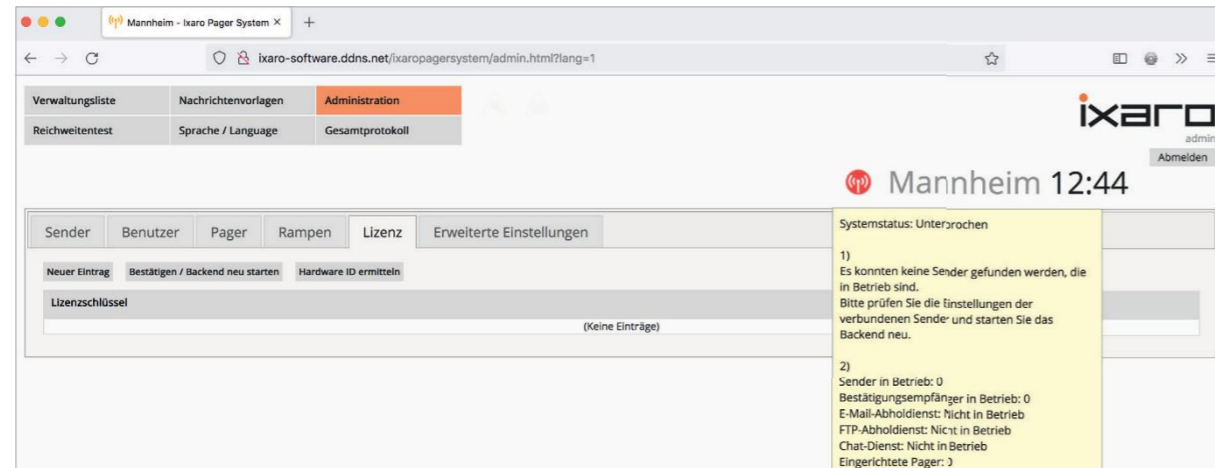
To activate your software, you need a license key, which we will generate for you after we have received your hardware ID from you. To be able to read your hardware ID directly from the software, please select **“Administration” > “License” > “get Hardware ID”**.

After you clicked „**get Hardware-ID**” you will see your hardware ID on a little pop-up window. Please send us your Hardware ID **4** via E-Mail.

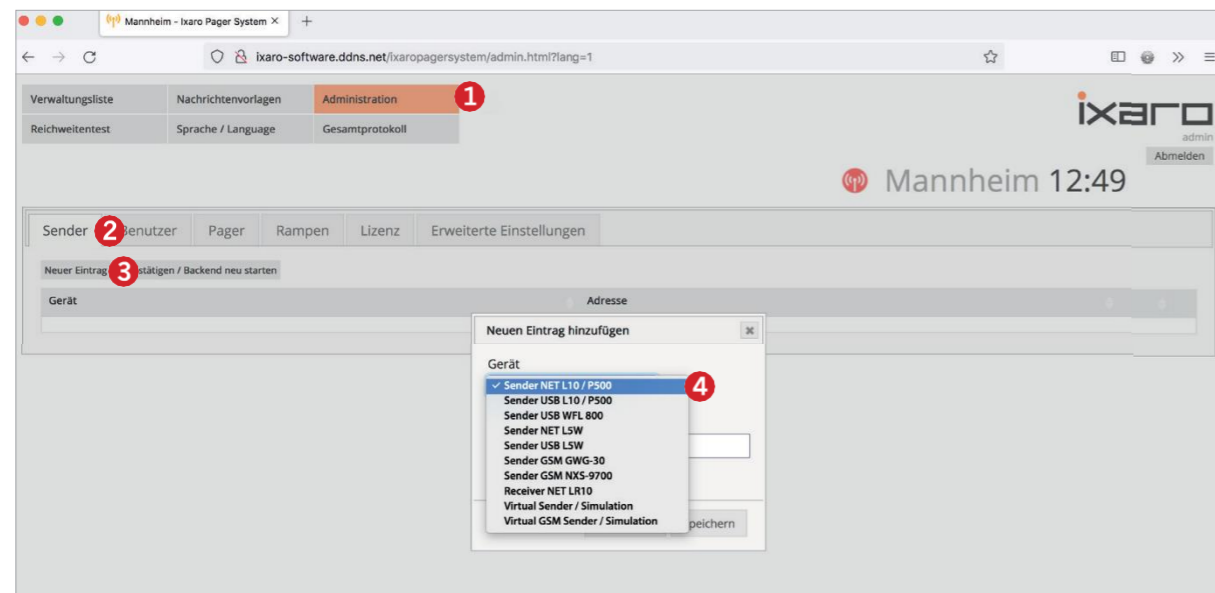


You will then receive a license key for your software from us. Enter this in **“Administration” > “License” > “New Entry”** in and save.

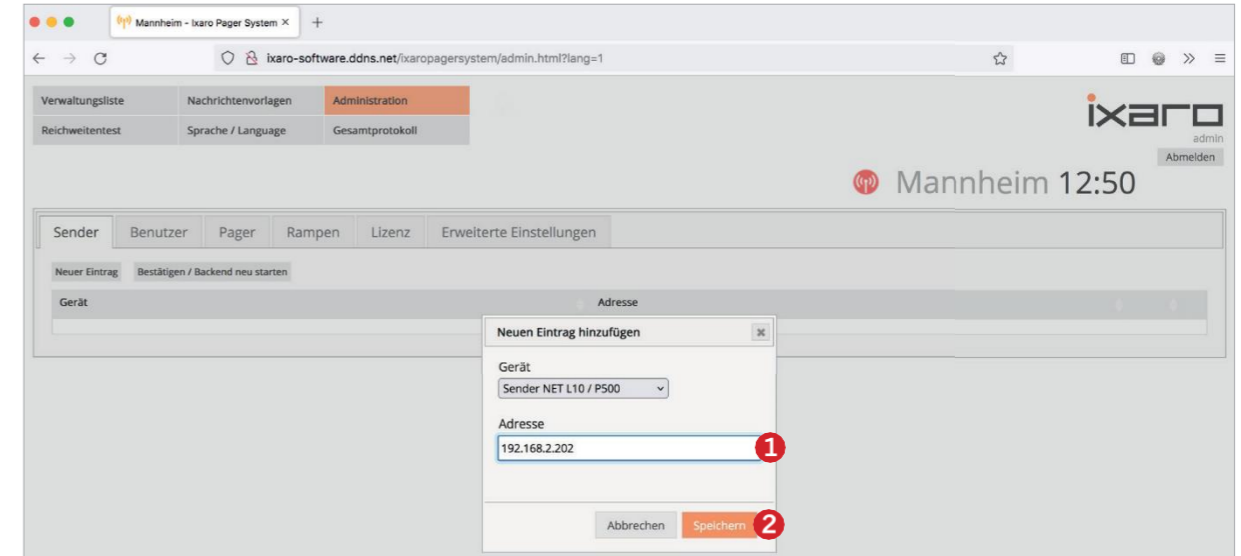




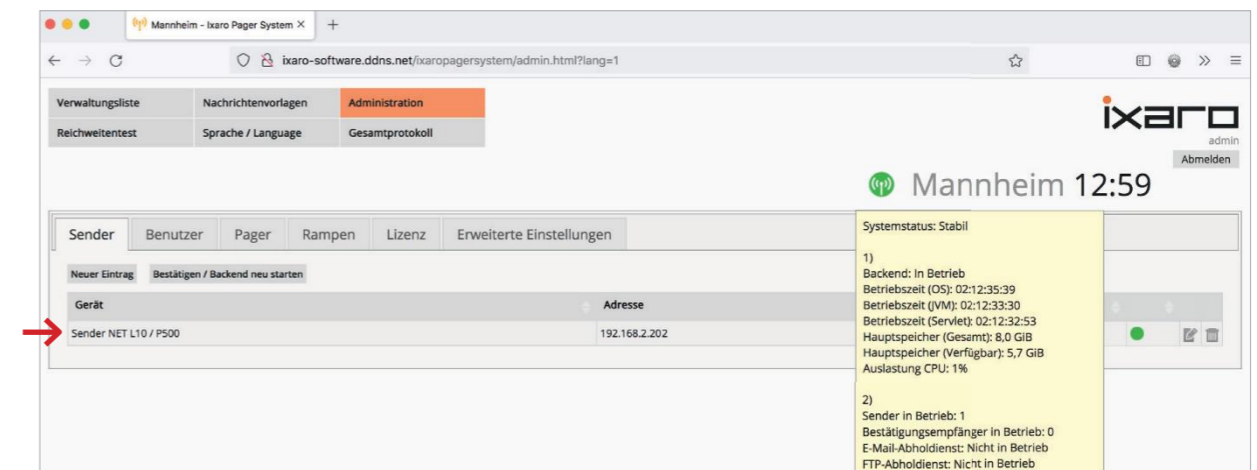
The software is now activated. That the status display is still red because no transmitter is found yet.



The next step is to enter the IP address of the transmitter. Select „Administration” > „Transmitter” > „Add new record”. After that you must select the device class of your sender in the dropdown menu.



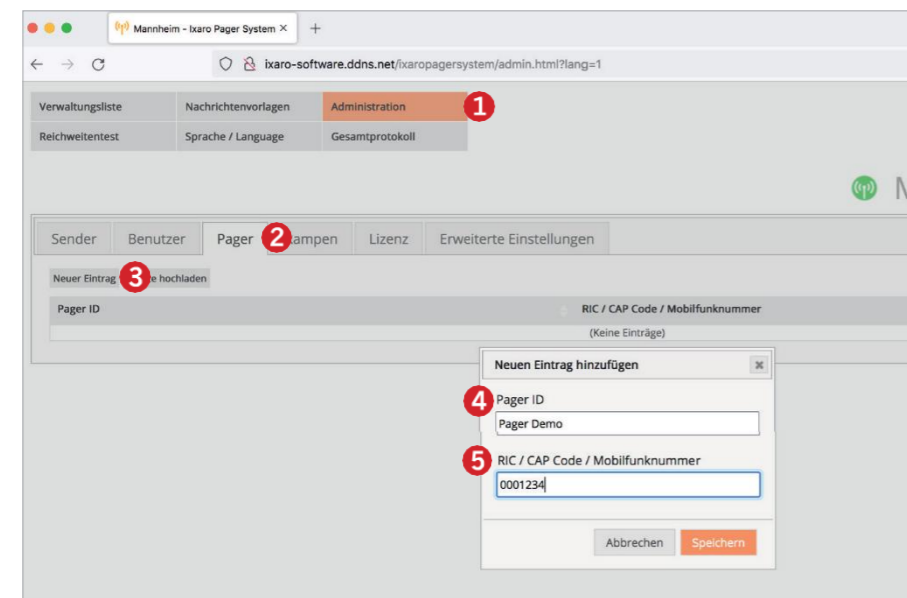
Next, under Address, please enter the IP address that you wrote down from the EZ Manager and save your entries.



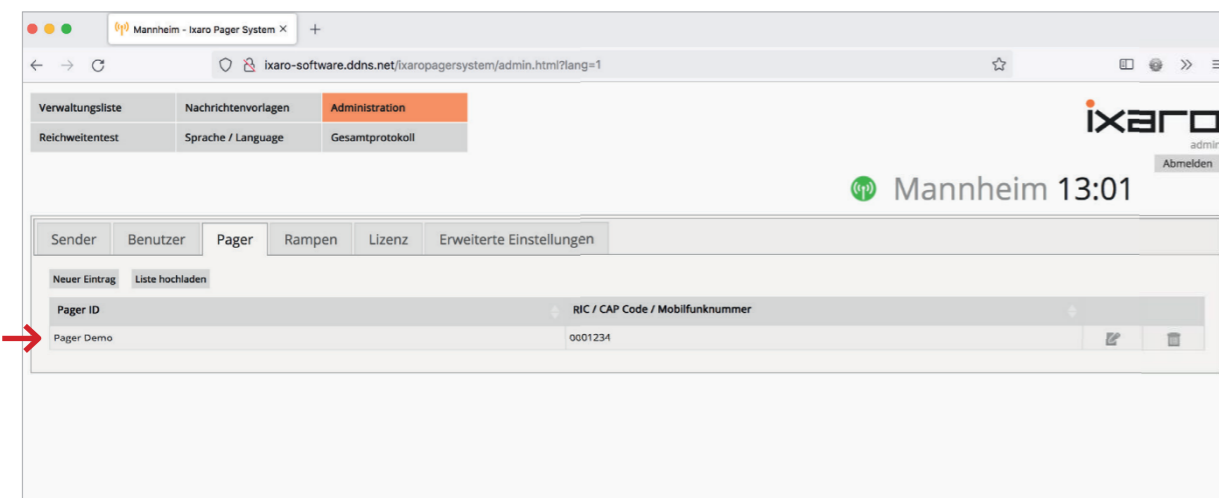
Now the status display is green and you see a new entry in your device list „Sender/Transmitter” which means that the sender is now ready to send messages.

Administration: Create a pager

Before pagers can be assigned and messages received, pagers must first be created in the software. To create a new pager, please select **"Administration" > "Pager" > "Add new record"** and type for "ID" your pager identification number and for "CAP code" the 7-digit number located on the back of the pager.

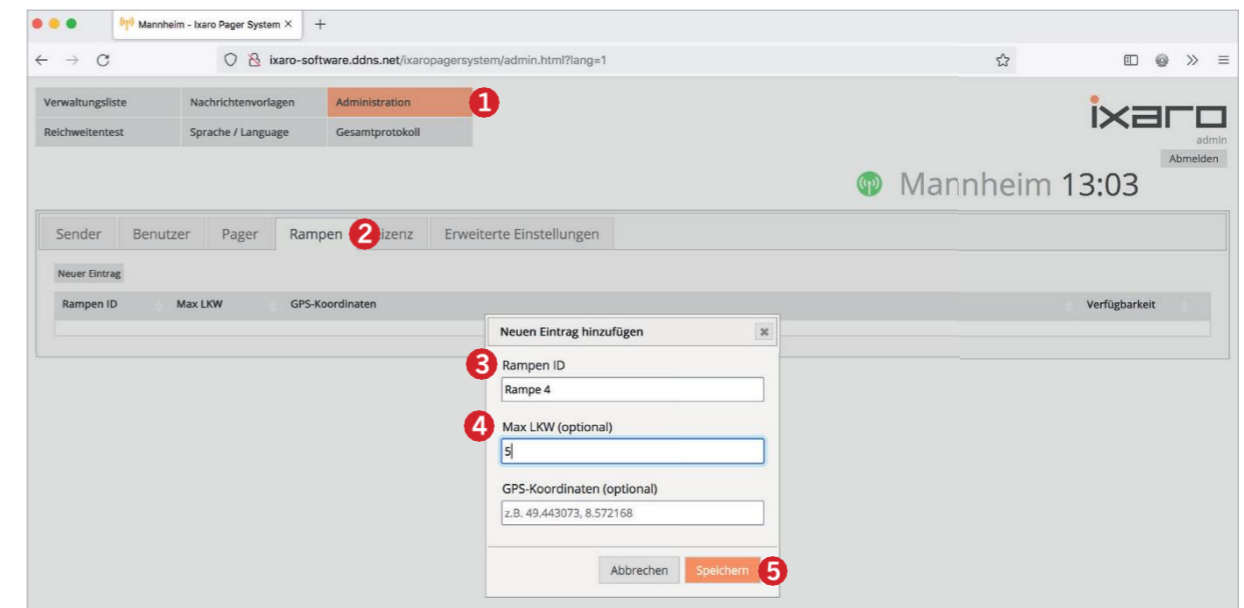


After saving, you will see in the list that the pager was created successfully. You can later send messages to pager from the **"management list"**.

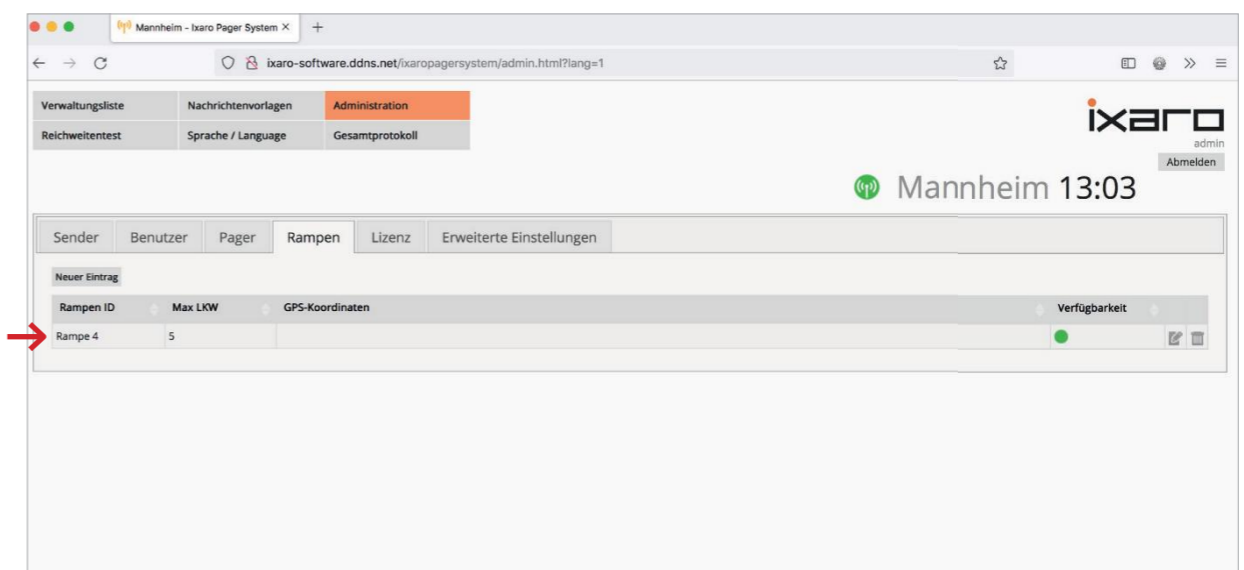


Administration: Create gates

Similarly, the software allows ramps or unloading points to be predefined. To do this, choose **"Administration" > "Gates" > "Add new record"**. and enter the corresponding ramp ID here. You can also enter the maximum number of trucks that are allowed to occupy this ramp here.

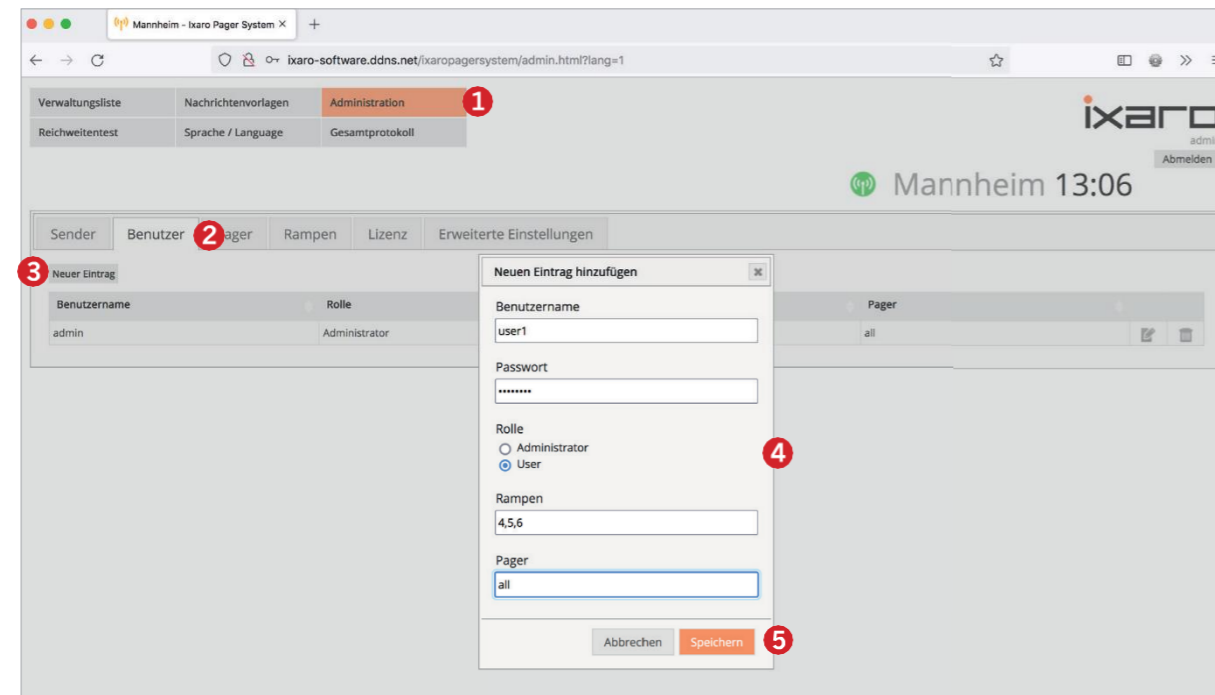


If you now save, the entry is also included in the software and can be addressed later in various menus

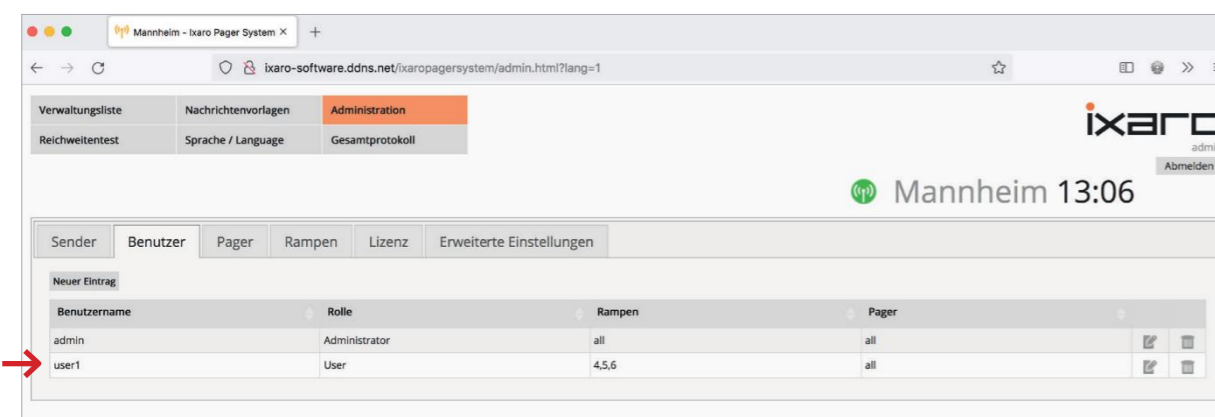


Administration: Create a new user

Under „Administration” > „user” > „Add new record” the software allows you to create a new user if you have administration rights.



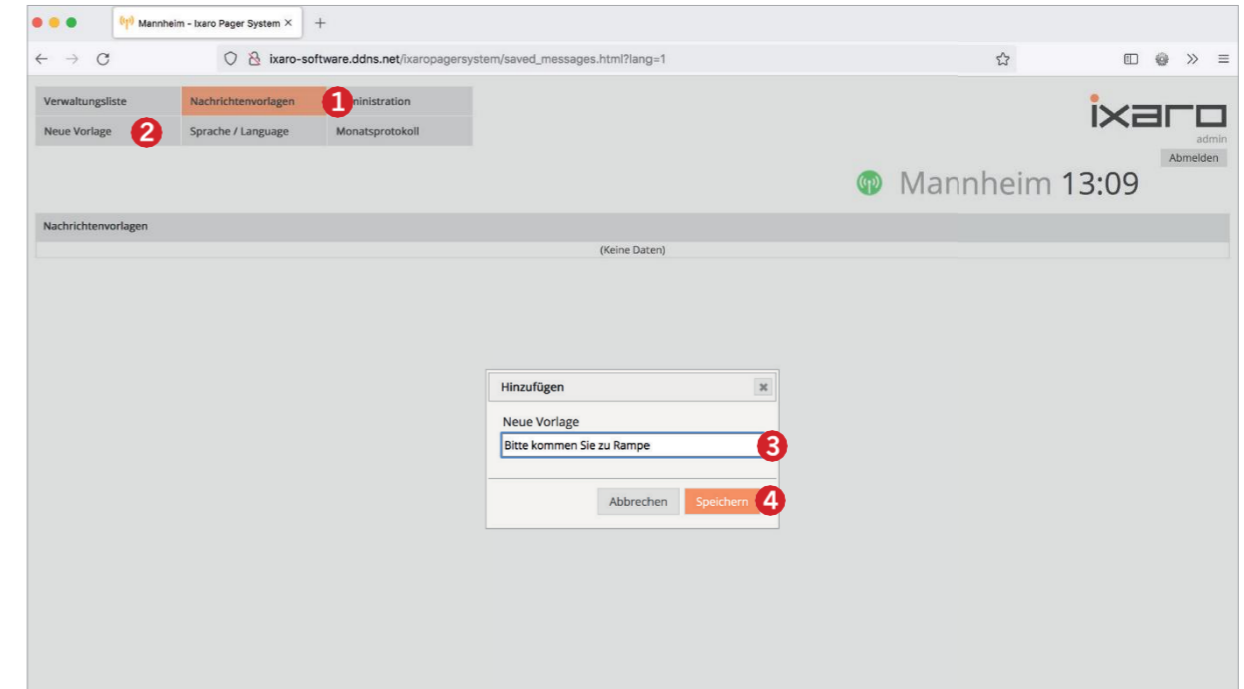
Here you can define the access rights and the role of the new user. In the Ramps and Pagers fields you specify which ramps and which pagers the new user is allowed to address. "All" stands for unrestricted access.



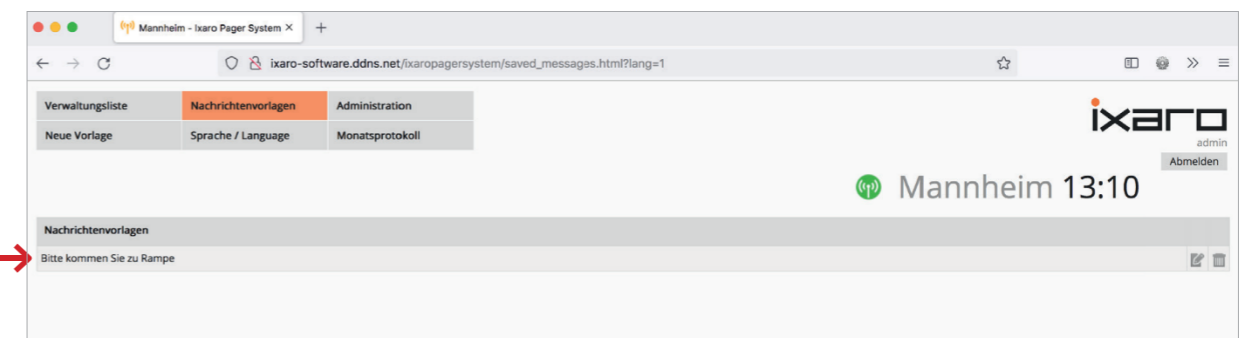
After saving, you will see the newly created user with all assigned data.

Message Templates

Under „Message templates” you can create pre-defined messages. Select „Message Templates” > „New Template”.

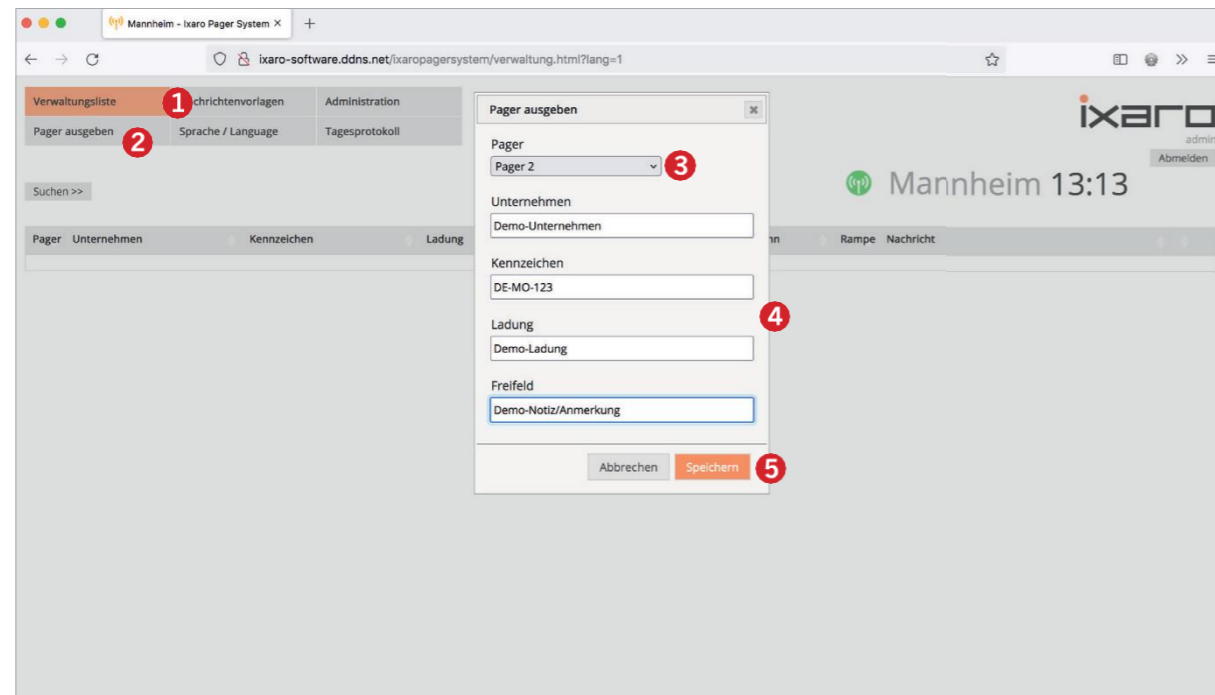


After you saved the message, you will see your new entry in the list. This list can be later called when you send messages to pagers.

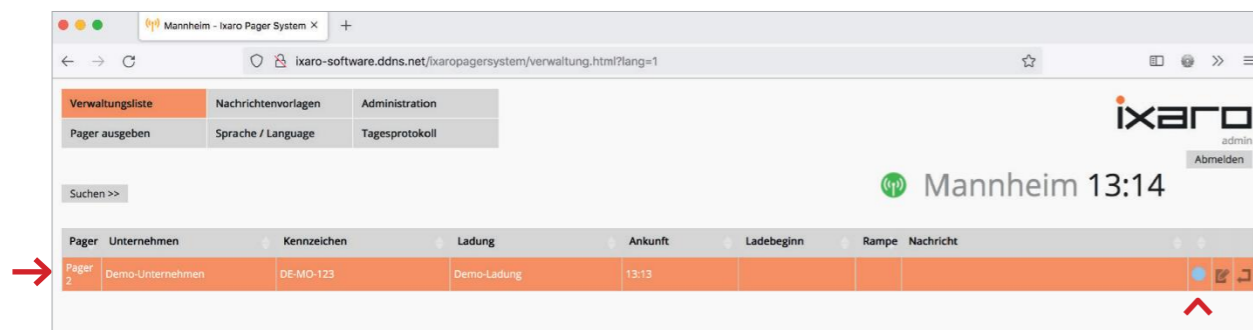


Management list

From here, messages are sent to pagers after they are assigned. For example, if a truck driver has arrived and the porter has handed a pager to him, this process is recorded here in the management list. To do this, choose "Management List" > "Assign pager".

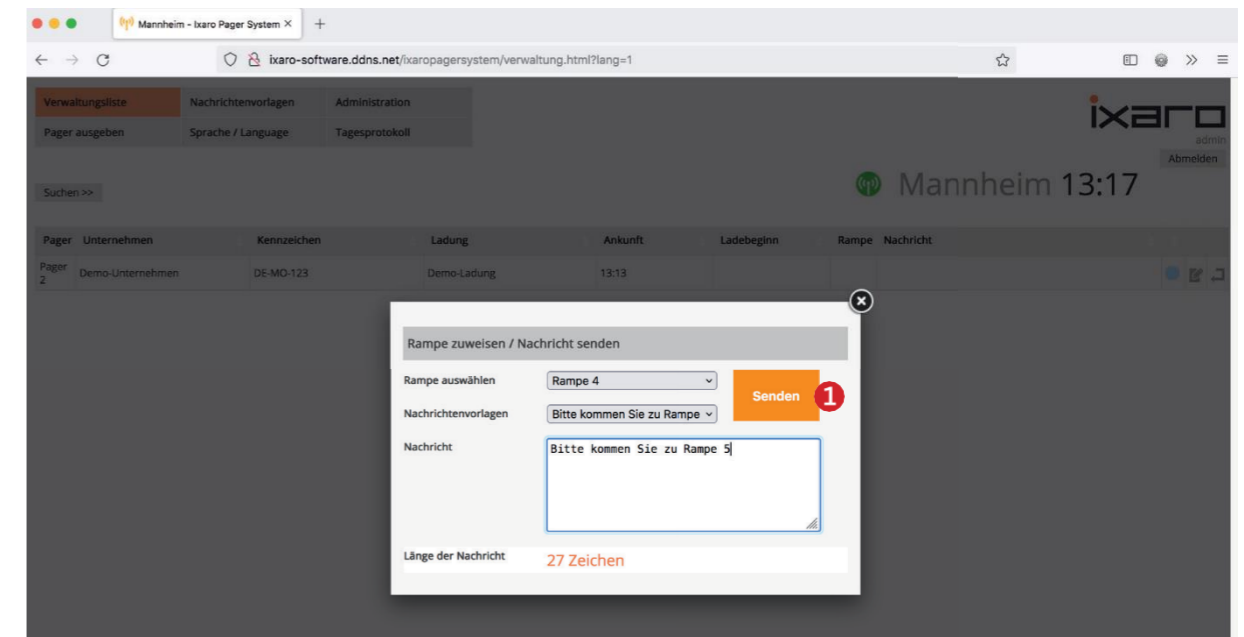


Here you can see in the drop-down menu all the pagers that previously were created under "administration". Select the pager that was given to the truck driver. You can also enter data like company, license plate, freight and any additional note on the process.



After saving, you can see the pager transfer and all related information in the "management list". We call this process a "transfer".

You can send messages to pager by clicking anywhere on the line of the transfer with the pager that you want to send a message. After that, a pop-up windows will appear in which you can either select a predefined ramp, template, or write a free text.

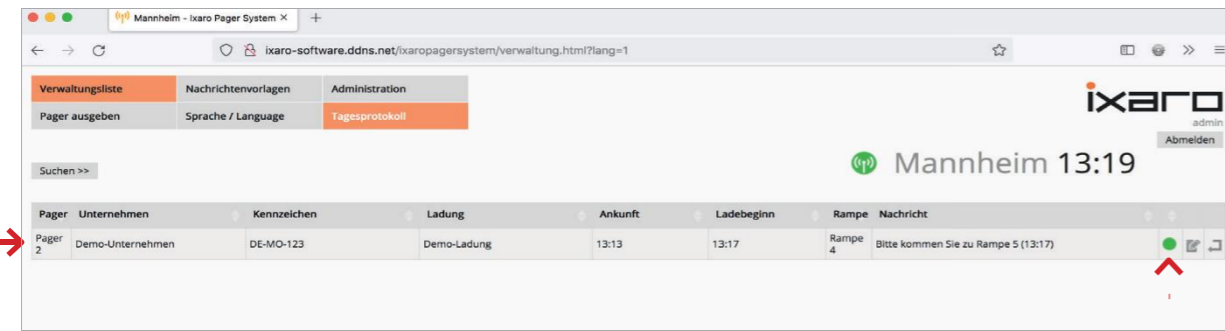


By clicking „Send“ 1 the selected pager will receive the message 2. The Pager will beep, vibrate and blink and display the message 3.

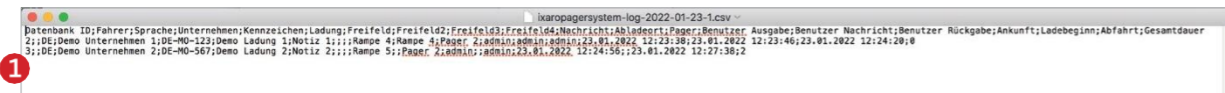


To quit the message please click the button 4 on the right outside of the pager. By putting the pager into the charging station, it will reset the message 5.

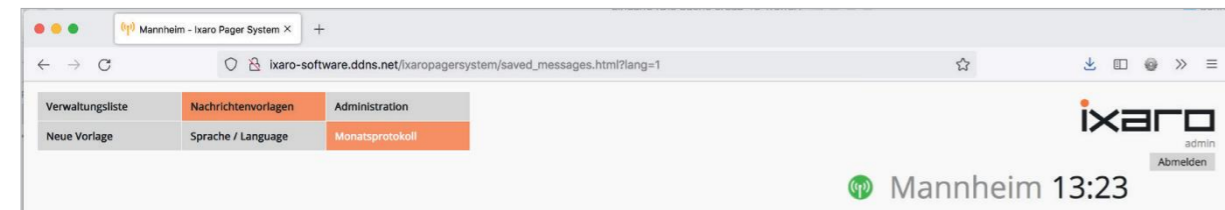
The message is reset on the pager but remains in the software with the time stamp. The status indicator of the entry changes from blue to green after sending



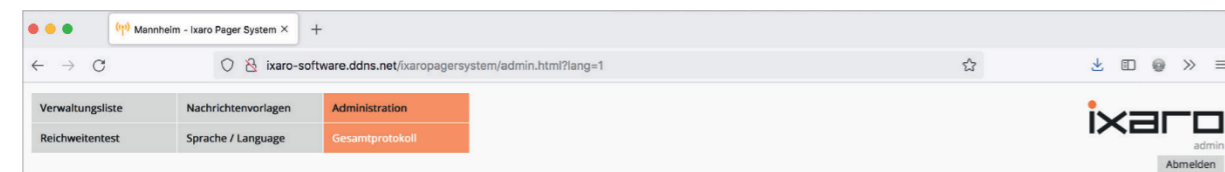
Even if further messages to the same pager later overwrite the previous messages, all message will be logged. On "Management List" > "Today's logs" you will find the logs for the entire day 1.



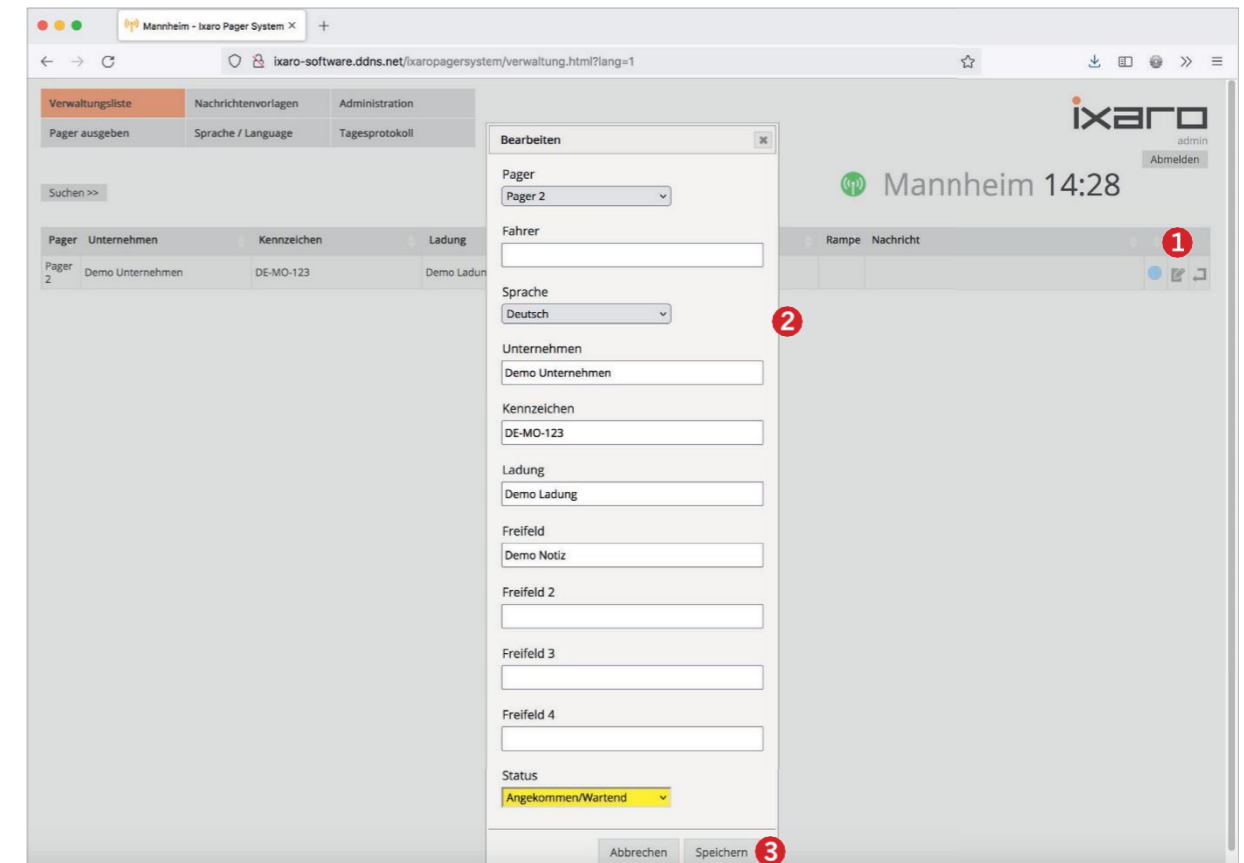
Unter „Message templates“ > „Monthly log“ you will find the logs for the entire month.



Under „Administration“ > „Entire log“ you will find the entire logs and you can save them.




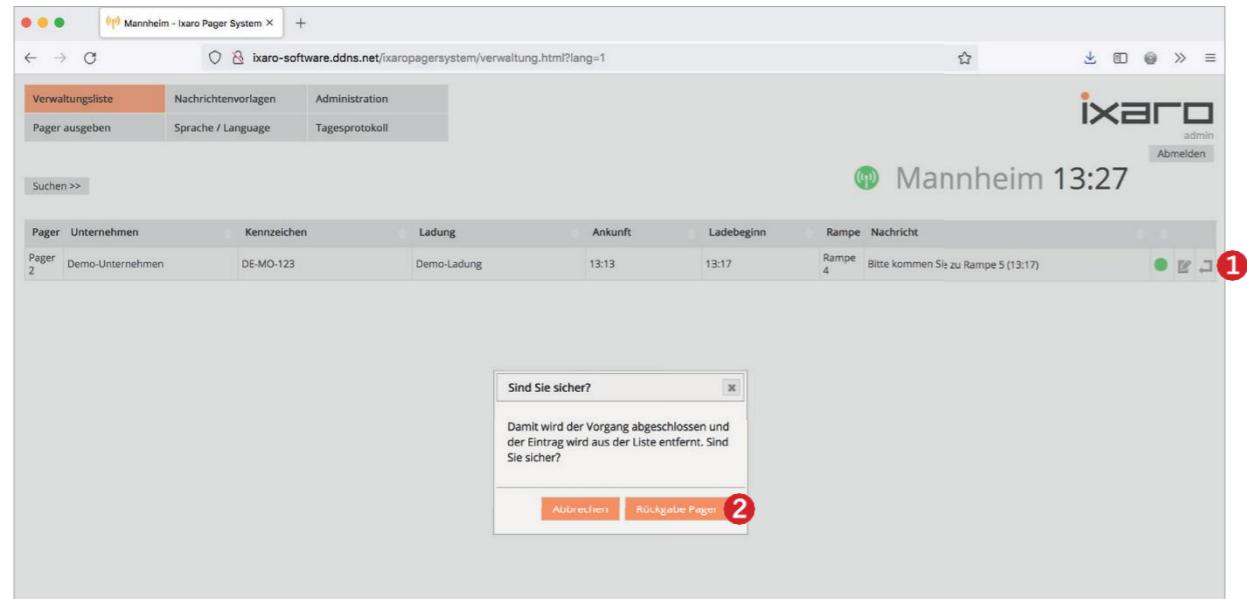
If you want to change information of the transfer of a assigned pager you can do this by clicking the edit-icon. By clicking the icon a po-up window will open where you can make edit the information.



After you saved it will be transferred to the log.

Return pager

When the truck driver has finished and returned the pager you can delete the transfer from the management list. After you delete the transfer, the entry/transfer will be saved in the log files. To delete a transfer, click the **Return-Pager-Icon**  and confirm with „Return Pager“.



As you can see the pager was returned successfully. This means the transfer is deleted and saved in the log.



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