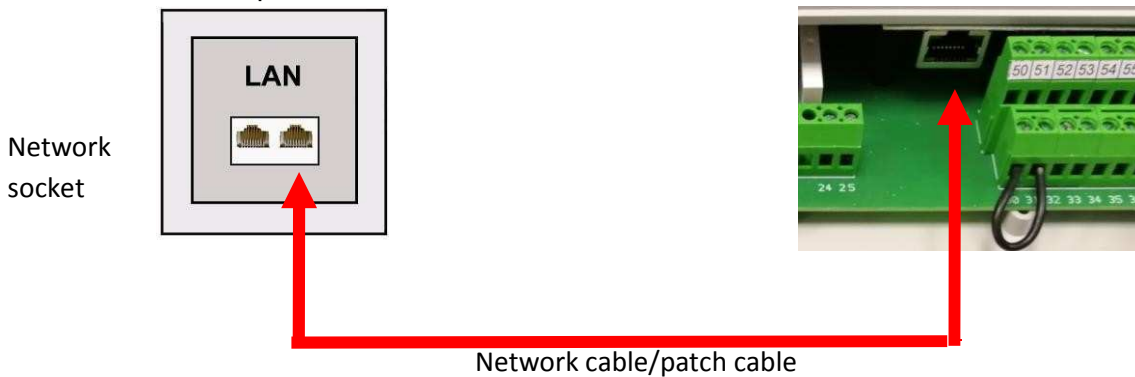


Operating Instructions

Connecting an osf control unit to the Internet

Please refer to the Installation and Operating Instructions for the relevant control unit. These instructions deal only with additional guidance.





Access to the Internet is provided via the osf communication server. Use a standard patch cable (network cable) to connect the osf control unit to the network socket, the Powerline adapter, the Wireless LAN access point or other suitable installation.



Wait until you have connected the osf control unit to an active network socket before switching on the power supply. The osf web server in the osf control unit then automatically locates the osf communication servers and registers itself with the server databases.

Using the osf communication server

There are four servers available for communication. They each display different information, designed to suit the needs of different user groups.

<p>Mypool.osf.de</p>	<p>This server is designed for pool owners.</p> <p>The entire pool system including all web-enabled osf products is displayed on one page on the monitor.</p> <p>The key data for all devices can be retrieved with a single tap of a button.</p>	
<p>Service.osf.de</p>	<p>This server is designed for pool installers.</p> <p>The top-level page shows all registered pool installations in a clear layout on the monitor.</p> <p>All main parameters and any fault indicators for every customer system are visible at a glance.</p>	
<p>Devices2.osf.de</p>	<p>This server provides the usual technical view for all connected osf devices</p>	<p>Geräteübersicht</p> 
<p>Devices.osf.de</p>	<p>For the time being it is still possible to use this familiar server, which has been available for many years. For new installations, however, we recommend the “mypool.osf.de” and “service.osf.de” servers, and “devices2.osf.de”.</p>	<p>Geräteübersicht</p> 

Communication server for pool owners

You can access this osf communication server at the address mypool.osf.de.



You must first register as a new user:

The image shows the registration page of the 'osf communication server'. The page has a blue background and is titled 'Register'. It includes a warning: 'Fields with * are required for registration and must be completed correctly. To complete the registration please confirm on the link in the email you received.' The form contains several input fields: 'Username:*', 'First Name:', 'Last Name:', 'E-Mail:*', 'Password:*', and 'Repeat Password:*'. There is also a 'language:' dropdown menu set to 'en' and a checkbox for 'osf-Terms:*'. A captcha image with the code 'IGZ8E' is displayed, along with the text 'Please confirm the captcha code!'. At the bottom, there is a checkbox for 'Please accept our Terms License Agreement, Disclaimer and our Privacy Policy to continue.' and a 'Save Registration' button.

Within a few minutes you should automatically receive an e-mail for confirming your identity. (Check your Spam folder if the e-mail does not arrive). Click the activation link in the e-mail to activate your account.

Registering a new device with the server

Once you have personally registered, you can log in and then register your new device in your user profile.

Each web-enabled osf control unit has a DEVICE ID (identification number). This DEVICE ID must be entered in the correct column in order to register the device with the communication server. You can find the DEVICE ID of your device displayed on its Information page (see above). For devices without a display, the ID number appears on an adhesive label. When finished, save the information you have entered.

Imprint Privacy Policy Login user Your devices

Username:

First Name:

Last Name:

E-Mail:

language: de (Wählen Sie)

Password:

Repeat Password:

Nr	Object name	ID #1	ID #2	ID #3	ID #4
1					
2					
3					
4					

Submit

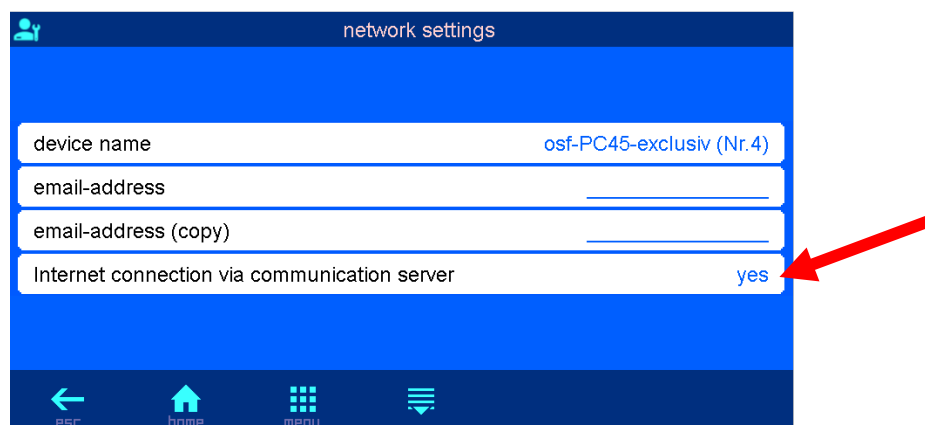
Complete the form

Enter the DEVICE ID

If you press the "Your devices" button, your device is now displayed in your Device panel and can be operated via the communication server:



In order to use the communication server, the option "Internet connection via communication server" must be enabled in the control unit itself (default factory setting):



Communication server for pool installers

You can access this osf communication server at the address service.osf.de.



You must first register as a new user:

A screenshot of the 'Register' page. The page has a blue background. At the top, it says 'Register' and includes a note: 'Fields with * are required for registration and must be completed correctly. To complete the registration please confirm on the link in the email you received.' The form contains several input fields: 'Username:*', 'First Name:', 'Last Name:', 'E-Mail:*', 'Password:*', and 'Repeat Password:*'. There is a 'language:' dropdown menu set to 'en'. A 'captcha' image showing 'IGZ&E' is displayed with a corresponding input field. Below the captcha, it says 'Please confirm the captcha code!'. At the bottom, there is a checkbox for 'Please accept our Terms License Agreement, Disclaimer and our Privacy Policy to continue.' and a 'Save Registration' button.

Within a few minutes you should automatically receive an e-mail for confirming your identity. (Check your Spam folder if the e-mail does not arrive). Click the activation link in the e-mail to activate your account.

Registering a new control unit with the server

Once you have personally registered, you can log in and then register your new device in your user profile.

Each web-enabled osf control unit has a DEVICE ID (identification number). This DEVICE ID must be entered in the correct column in order to register the device with the communication server. You can find the DEVICE ID of your device displayed on its Information page (see above). For devices without a display, the ID number appears on an adhesive label. When finished, save the information you have entered.

Impressum Datenschutzerklärung Anmeldung Ihre Geräte

Username:
 First Name:
 Last Name:
 E-Mail:
 language: de (Wahlmöglichkeit)
 Password:
 Repeat Password:

Nr	Object name	ID #1	ID #2	ID #3	ID #4
1					
2					
3					
4					

Submit

If you press the “Your devices” button, your pool installations are now displayed in your Device panel. This lists the pool installations for all your customers in a table. You can see all the main information at a glance. Fault indicators are highlighted for each pool individually. To display and operate a specific device via the communication server, simply press the associated button for this device:

Connected to the osf communication Server connection lost at ...

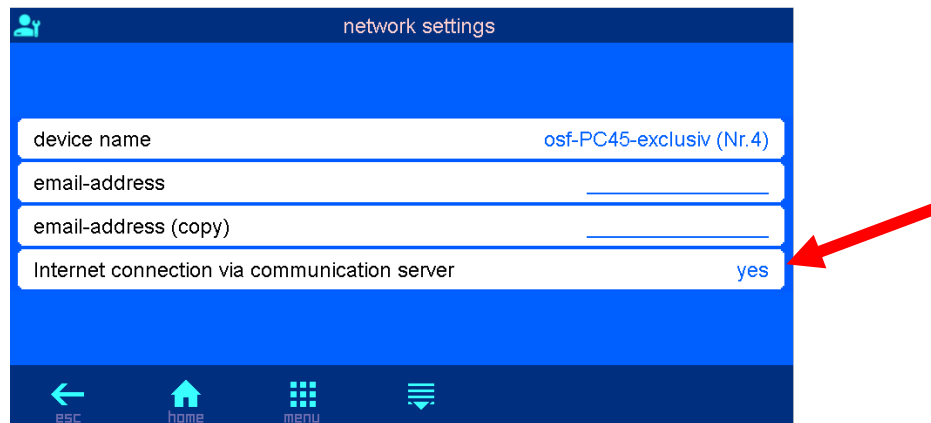
Customer name The Paradise-Therme baths contain 4 web-enabled osf devices Display graphs

Paradise-Therme						
Euromatik.net					23.2 °C	21.6 °C
MRD-2		7.26 pH	689 mV		0.52 l/min	
Color-Control.net						
Silversteam					28.1 °C	

Mustermann, Königstraße						
PC-45-exclusiv		27.06.2019 10:06			27.6 °C	27.7 °C
Euromatik.net					23.2 °C	21.6 °C
MRD-2		18.03.2019 10:15	7.20 pH	699 mV		0.78 l/min

Kundengerät						
PC-40.net					30.0 °C	
MRD-2		21.05.2019 03:26		7.23 pH	657 mV	0.00 l/min

In order to use the communication server, the option "Internet connection via communication server" must be enabled in the control unit itself (default factory setting):

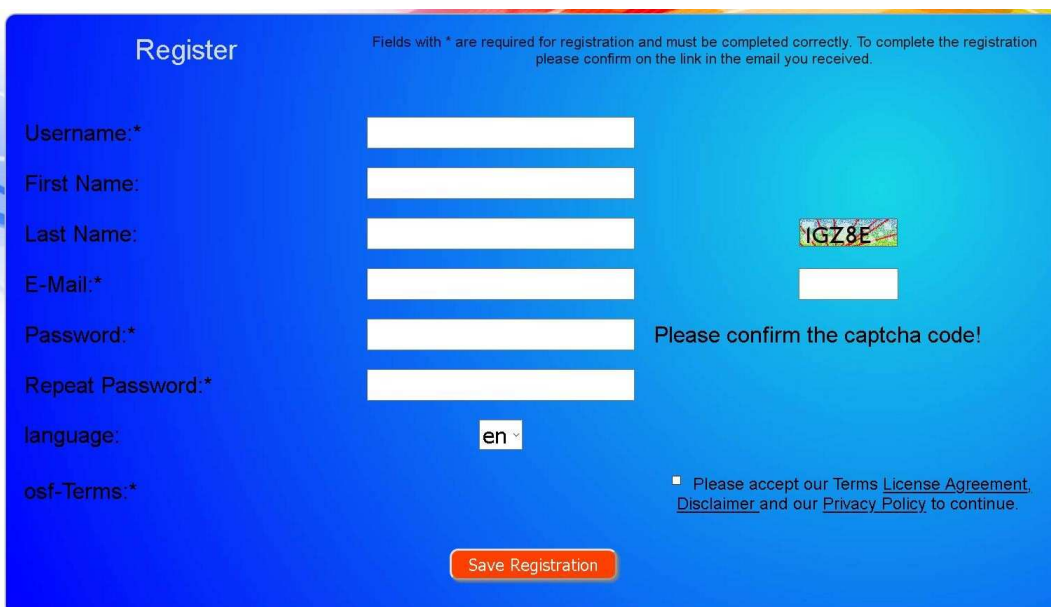


Communication server with technical view

You can access this osf communication server at the address devices2.osf.de.



You must first register as a new user:



Within a few minutes you should automatically receive an e-mail for confirming your identity. (Check your Spam folder if the e-mail does not arrive). Click the activation link in the e-mail to activate your account.

Registering a new device with the server

Once you have personally registered, you can log in and then register your new device in your user profile.

Each web-enabled osf control unit has a DEVICE ID (identification number). This DEVICE ID must be entered in the correct column in order to register the device with the communication server. You can find the DEVICE ID of your device displayed on its Information page (see above). For devices without a display, the ID number appears on an adhesive label. When finished, save the information you have entered.

The registration form includes the following fields: Username, First Name, Last Name, E-Mail, language (set to 'de'), Password, and Repeat Password. Below these is a table for entering device IDs:

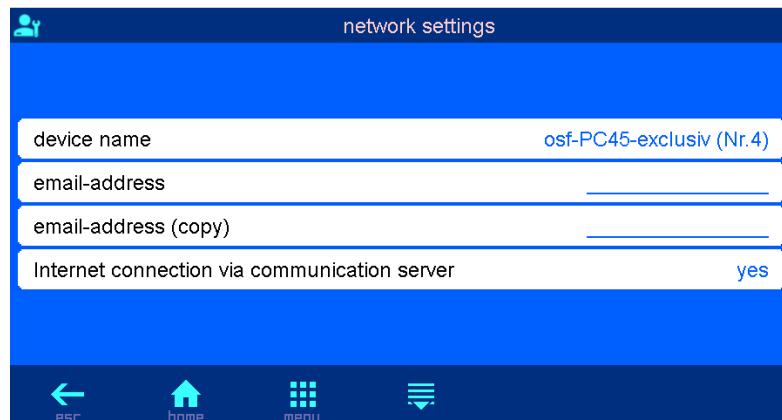
Nr	Object name	ID #1	ID #2	ID #3	ID #4
1					
2					
3					
4					

Navigation links at the top: Impressum, Datenschutzerklärung, Anmeldung, Ihre Geräte. A 'Submit' button is at the bottom. Red arrows point to the form fields and the ID #1 column with labels 'Complete the form' and 'Enter the DEVICE ID'.

Your device is now displayed in your Device panel and can be operated via the communications server:

The 'Device panel' displays a grid of control unit cards. The top card is for 'Paradise-Therme' and includes sub-cards for 'osf-EUROMATIK-net Demo', 'osf-MRD-2 (Demo)', 'osf-Color-Control.net DEMO', and 'osf-Silver-Stream DEMO'. The bottom card is for 'Mustermann, Königstraße' and includes sub-cards for 'osf-PC45-exklusiv (Nr.10)', 'osf-EUROMATIK-net Demo', 'osf-MRD-2 (an 185)', and 'osf-PC45-exklusiv (Nr.4)'. Navigation links at the top: Imprint, Privacy Policy, Login user, Your devices, Your profile. Language flags for Germany, UK, Poland, and France are also visible.

In order to use the communication server, the option "Internet connection via communication server" must be enabled in the control unit itself (default factory setting):



Changing the PIN (password)


The osf control unit contains 2-level password protection for access via the LAN. The User PIN lets you operate the control unit and adjust the essential main functions. The Service PIN is needed to perform service functions and to change settings at the Service level. The following PINs are factory-set:

- User PIN: 1234
- Service PIN; 5678

The osf control unit must be connected to the Internet in order to be able to change the PINs. You make the change to a PIN via the WEB interface of the communication server.

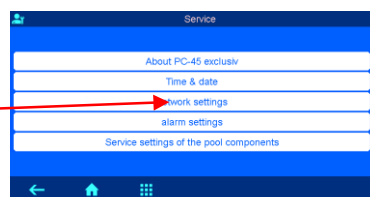
Assigning a new PIN


6. Log in as usual to the communication server.
7. Then log in with the Service PIN.
8. In the Home page, press the "menu" button.

9. In the Main menu, press the  button



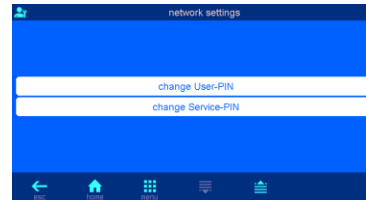
10. In the Service menu, press the "network settings" button.



11. Scroll down 2 pages by pressing the  button repeatedly



12. You can now assign new values to each PIN



Make sure you make a note of the PINs!


Naming the unit Entering an e-mail address

In order to be able to identify different control units during online access, each osf device has a facility for assigning a name.

The osf control unit is able to send any fault indicator messages via e-mail. The control unit must be connected to the Internet for this feature to work. You enter the relevant e-mail addresses (2 maximum) via the WEB interface of the communication server.

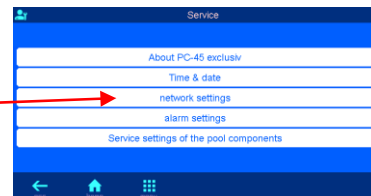
Entering an e-mail address Providing a name

1. Log in as usual to the communication server.
2. Then log in with the Service PIN.
3. In the Home page, press the “*menu*” button.

4. In the Main menu, press the  button



5. In the Service menu, press the “*network settings*” button.



6. You can enter the name of the unit and the e-mail addresses here



Update

The osf control unit has a software update facility. This requires that the osf control unit is connected to the Internet. In addition, the control unit must contain a suitable memory card (microSD card).




You can perform the update via the WEB interface of the communication server.

Checking for updates

You can use this function to check whether an update is available for your device.

7. Log in as usual to the communication server.
8. Then log in with the Service PIN
9. In the Home page, press the “*menu*” button.

10. In the Main menu, press the  button



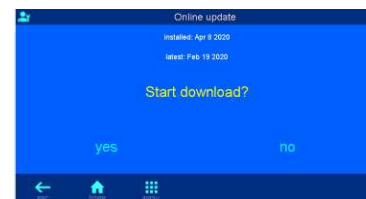
11. In the Service menu, press the “*About.....*” button



12. In the Service menu, press the “*Check for Update*” button



13. You can now start the download and install the update



osf Hansjürgen Meier
 Elektrotechnik und Elektronik GmbH & Co KG
 Eichendorffstraße 6
 D-32339 Espelkamp
 E-mail : info@osf.de
 Internet : www.osf.de