



IT Checklist for OPENweb Cloud

What should be considered when switching to OPENweb Cloud?

Document version: v2.0 / 15.09.2023

Content

1.	IP network planning	2
2.	Set up Internet access	2
3.	Set up remote access	2
4.	Migration from existing OPENweb to the DEOS Cloud.....	3



1. IP network planning

Can new IP data be entered or must 1:1 NAT be used?

The controller communicates with the cloud BMS via a DEOS Connect box. The IP addresses of all Controllers connected to the DEOS Cloud via Connect boxes must be unique. This may not be guaranteed in existing installations. In this case, 1:1 NAT must be used. The 1:1 NAT configuration is done on the Connect box before delivery, so no further configuration is required for you.

What is 1:1 NAT? 1:1 NAT assigns IP addresses of a real network on IP addresses of a virtual Network. Devices in the real network can thus be reached directly from the virtual network via the IP addresses assigned to them. If the existing IP addresses can be used, no 1:1 NAT is required.

Have complete and meaningful IP addresses (small subnet) been assigned?

In addition to the IP address, complete addressing also includes the subnet mask and the gateway. The gateway IP address must match the IP address of the Connect Box, as the Connect Box acts as a gateway.

2. Set up Internet access

Is Internet access available and can it be used?

The Connect-Box requires an Internet connection. Ideally, an existing Internet connection can be used for this purpose. If there is no Internet connection – e.g., due to local conditions – the Internet connection can simply be provided via an LTE solution.

Are the required outbound ports released?

To put the DEOS Connect box into operation, certain ports and IP addresses must be accessible. Incoming port forwarding is not required at any time. Conventional routers, such as Fritz!Box or SpeedPort, usually do not block outgoing ports, so no further settings are necessary for these devices. With professional firewall systems, the ports usually must be unlocked.

Detailed information about required outgoing ports can be found in the document "DSN – Overview Ports and IP Addresses" in the DEOS Portal.

3. Set up remote access

Which users should be able to access the OPENweb remotely?

The OPENweb Cloud is operated via the DEOS Connect portal. In this portal, the user can see his sites and operate them via the web browser. To activate a user for the Connect portal, the following information is required:

- First and last name
- E-mail address

Set up permission in the Connect portal

You can then set up the permissions of each user. This defines which user is allowed to see and operate which site.



4. Migration from existing OPENweb to the DEOS Cloud

We provide you with a ready-to-use OPENweb 11, which you can then set up according to your customer's individual requirements. To use the workspace of an existing site, the following steps are required:

Check configuration

Before migrating the workspace, you can clean it up in the old OPENweb. For example, you can remove old trend data, events, or users that are no longer needed.

Export Workspace

Select the appropriate workspace and export it to a desired location.
Important: always export the workspace from the latest version of the old OPENweb!

Import workspace into cloud BMS

In OPENweb Cloud, open the workspace import and select the previously exported workspace.
Important: Please note our upgrade notes in the document "OPENweb Upgrade Instructions" in the DEOS Portal!
Depending on the configuration of the old OPENweb, you will need to make changes after the upgrade.

We are happy to take over the setup of the OPENweb for you by arrangement. Just contact us!