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# OPENweb Upgrade Instructions

## Switch to the current main version step-by-step

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**General note: please note the system requirements of OPENweb 12!**



## Step-by-step guide

1.

### Determine the scope of the licence for the existing installation

In the first step of an upgrade of OPENweb you should determine the exact scope of the installation to order the correct licence afterwards. This information can be found in the OPENweb ControlPanel in the menu item "System monitoring".

2.

### Order upgrade to the new main version

The following information is required:

- Serial number of the OPENweb
- Data point or module extensions, if desired

3.

### Install OPENweb 11

You will find the installation file in the download area of the DEOS portal.

Important: Of course, you can install several OPENweb versions in parallel on one computer. Please note that the respective OPENweb servers must use different ports (e.g., 80 and 82).

4.

### Install the licence

In the OPENweb LicenseActivator you can activate the OPENweb licence, which you received from the DEOS sales office - with or without an internet connection.

5.

### [Optional] Clean up the workspace in the old OPENweb

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.

6.

### 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 (e.g., 7.14s)!

7.

### Import Workspace

In the new OPENweb, open the workspace import and select the previously exported workspace.

Important: Please note our upgrade instructions on the following pages! Depending on the configuration of the old OPENweb, you may have to make changes after the upgrade.

8.

### [Optional] Set up new functions

OPENweb 11 provides new functions and modules that you can set up after the upgrade. These include

- Automatic Workspace Export | Trend Authorizations | Recipe Management | Event API

Done!



## Upgrade notes

### Upgrade from OPENweb 10 to OPENweb 11

#### Are you using OPENweb in conjunction with the DEOS AlarmApp (DEOS Push service)?

**What do I need to know?**

The AlarmApp is bound to the licence of OPENweb. The licence of OPENweb changes with the change from OPENweb 10 to OPENweb 11, as OPENweb 11 uses a new licence system.

**What do I need to do?**

Please inform us of the new serial number of OPENweb 11. The serial number can be found as "Key ID" in the OPENweb LicenseActivator and always refers to the licence.



## Upgrade from OPENweb 9 to OPENweb 11

### Have you created ECC configurations with the *Event & Control Center* expansion module?

**What do I need to know?**

After upgrading to OPENweb 10 (and higher), unfortunately the configurations and views created from previous major versions cannot be used, since OPENweb 10 (and higher) uses a different data model. When importing a workspace into OPENweb 10 (and higher), the configurations and views, that have been created, are not applied. The standard views are assigned to the users.

**What do I need to do?**

You can recreate ECC views and configurations using the *Event & Control Center* expansion module. The ECC configuration has been completely revised in OPENweb 10 and is now much more user-friendly. Procedure: Create the views and configurations with the ECC configuration and then assign the configurations to the users via the user administration.

### Are you using OPENweb in conjunction with the DEOS AlarmApp (DEOS Push service)?

**What do I need to know?**

The AlarmApp is bound to the licence of OPENweb. The licence of OPENweb changes with the change from OPENweb 9 to OPENweb 11, as OPENweb 11 uses a new licence system.

**What do I need to do?**

Please inform us of the new serial number of OPENweb 11. The serial number can be found as "Key ID" in the OPENweb LicenseActivator and always refers to the licence.



## Upgrade from OPENweb 8 to OPENweb 11

### Does your OPENweb use the OPC expansion module?

#### What do I need to know?

As of OPENweb 9, the OPC expansion module is no longer supported. The option for data exchange via OPC is therefore no longer available.

#### What do I need to do?

Option 1: You can use gateways for communication between OPENweb and the remote station. For example, BACnet-2-OPC gateways from MBS are recommended for data transmission: <https://www.mbs-solutions.de/software-downloads>.

Option 2: Alternatively, you could use the SQL server as an expansion module for data exchange. The prerequisite for this is that the remote station also supports data exchange via SQL.

### Does the system include BASICline controllers?

#### What do I need to know?

As of OPENweb 9, BASICline controllers are no longer supported. The last major OPENweb version that supports BASICline controllers is OPENweb 8 (already discontinued). When importing a workspace, the systems are ignored and are not available later.

#### What do I need to do?

Option 1: You can replace existing BASICline controllers with OPEN EMS controllers with corresponding IO modules. The controller program for the OPEN EMS controller also must be re-programmed and loaded, and commissioning has to be performed again. It can then be used in OPENweb 11.

Option 2: You can use the BASICline controller as an IO27 module and connect an OPEN EMS controller upstream. The controller program for the OPEN EMS controller also must be re-programmed and loaded, and commissioning must be performed again. The wiring of the BASICline controller does not have to be changed.

### Have you created ECC configurations with the *Event & Control Center* expansion module?

#### What do I need to know?

After upgrading to OPENweb 10 (and higher), unfortunately the configurations and views created from previous major versions cannot be used, since OPENweb 10 (and higher) uses a different data model. When importing a workspace into OPENweb 10 (and higher), the configurations and views, that have been created, are not applied. The standard views are assigned to the users.

#### What do I need to do?

You can recreate ECC views and configurations using the *Event & Control Center* expansion module. The ECC configuration has been completely revised in OPENweb 10 and is now much more user-friendly. Procedure: Create the views and configurations with the ECC configuration and then assign the configurations to the users via the user administration.

### Are you using BACnet projects from OPENweb Project?

#### What do I need to know?

The event lists defined in the OPENweb Project are no longer supported since OPENweb 9.

#### What do I need to do?

The information can be mapped via the ECC. If you want to refine the ECC views so that only selected messages are displayed, you can create your own filters and views in the ECC for this purpose.



## Upgrade from OPENweb 7 to OPENweb 11

### Passwords are reset by upgrading to default values

#### What do I need to know?

When upgrading to an OPENweb version higher than or equal to OPENweb 8, due to stricter security guidelines for storing passwords, all passwords are reset to default values. This means that the passwords of all admin users are changed to *admin* and the passwords of all other users are changed to *0000*.

#### What do I need to do?

After logging in for the first time, the passwords have to be updated by each user. This is done in the OPENweb ControlPanel via *ControlPanel => Change password*.

### Does your OPENweb use the OPC expansion module?

#### What do I need to know?

As of OPENweb 9, the OPC expansion module is no longer supported. The option for data exchange via OPC is therefore no longer available.

#### What do I need to do?

Option 1: You can use gateways for communication between OPENweb and the remote station. For example, BACnet-2-OPC gateways from MBS are recommended for data transmission: <https://www.mbs-solutions.de/software-downloads>.

Option 2: Alternatively, you could use the SQL server as an expansion module for data exchange. The prerequisite for this is that the remote station also supports data exchange via SQL.

### Does the system include BASICline controllers?

#### What do I need to know?

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#### What do I need to do?

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Option 2: You can use the BASICline controller as an IO27 module and connect an OPEN EMS controller upstream. The controller program for the OPEN EMS controller also must be re-programmed and loaded, and commissioning must be performed again. The wiring of the BASICline controller does not have to be changed.

### Have you created ECC configurations with the *Event & Control Center* expansion module?

#### What do I need to know?

After upgrading to OPENweb 10 (and higher), unfortunately the configurations and views created from previous major versions cannot be used, since OPENweb 10 (and higher) uses a different data model. When importing a workspace into OPENweb 10 (and higher) the individual configurations are not applied. The standard views are assigned to the users.

#### What do I need to do?

You can recreate ECC views and configurations using the *Event & Control Center* expansion module. The ECC configuration has been completely revised in OPENweb 10 and is now much more user-friendly. Procedure: Create the views and configurations with the ECC configuration and then assign the configurations to the users.

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The information can be mapped via the ECC. If you want to refine the ECC views so that only selected messages are displayed, you can create your own filters and views in the ECC for this purpose.