OPEN*view* App

User manual (Last updated 2015-02-05)

Version 1.00
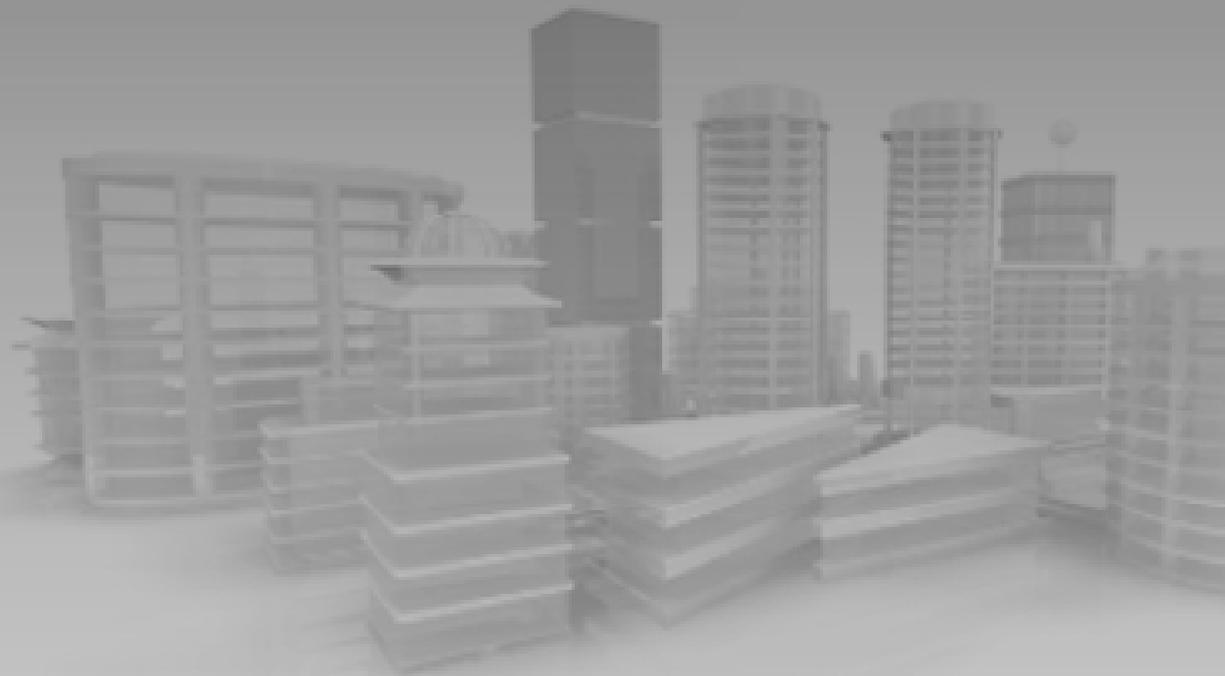
Technology for
intelligent buildings

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About this manual

This manual is for system technicians. You must have knowledge about the special features of FUP-XL, where it is used as well as control technology and have IT experience. The manual was prepared to provide support for administrating, servicing, system monitoring and maintaining building management systems that are controlled using OPEN Energy Management Stations (OPEN EMS).

General icons and characters

General icons and characters mark additional comments as additions to the content of this manual. The graphic icons of the OPENview App are explained in section *„OPENview App structure"on page 4*.

$\boxed{i}$ **INFORMATION / EXPLANATION / TERM / DEFINITION**

⚠ **NOTE**

⚠ **CAUTION!**

① **TIP**

❗ **EXAMPLE**

◆ **READ MANUAL**

🔍 **DETAIL**

Ⓐ **LEGEND**

General information

System Requirements

The controller groups must meet the following requirements to operate OPEN Energy Management Stations (OPEN EMS) with the OPENview App:

> (1) Firmware as of version 1.048e

> (2) OPENview with activated graphic option*

*   A new device code is required for the subsequent activation of the graphic user interface of OPENview on an OPEN EMS.
It is sent to you by e-mail after you place your order. Detailed information for this is located in the current price list or on our homepage
www.deos-ag.com.

Network connection

The control unit must be connected to the network. For details, refer to the operating instructions of the control unit.

⚠️ The guidelines of the IT network must be observed and should be reviewed.

If the network connection is to be established using the Ethernet connection, a network cable and an additional USB network adapter are required.

Procedure:

1.   Connect the network cable to the control unit's USB "Host" interface via the USB network adapter.

2.   Then enter the necessary information under "Settings → Wireless & Networks" in the "Ethernet" menu item.

3.   Confirm this information using the "Software Back" button.

⚠️ The "standard" and "host" USB interfaces cannot be used at the same time.

Authentication

The setting level of the OPENview App is protected. The user name and password are defined at the factory. The user name cannot be customized. The password can be customized if necessary.

User name: Administrator
Password: admin

⚠️ The password should not be stored together with other switch cabinet or OPEN EMS documents. Make sure that the password is protected from unauthorized access.

⚠️ If the password is lost, for example, it cannot be reset or changed outside the OPENview App. Instead, it can only be accessed through the setting level of the OPENview App.

2. OPENview App

Among other things, the following sections guide you through the structure, settings and the operation of the OPENview App. Here, you need to have knowledge about OPENview and projects defined with FUP-XL.

Carefully read the manual before you start using the OPENview App.

Commissioning OPENview App

Procedure:

1. To commission the OPENview App, switch on the control unit. The factory preset start page of the control unit is displayed.

2. To start the OPENview App, tap the OPENview App icon.

3. If a controller group has already been added to the OPENview App and read, the user level of the OPENview App opens.

If a controller group has not yet been added to the OPENview App and read, you must first define some OPENview App settings. In this case, the setting level of the OPENview App opens.

Details on this are located in section *„The setting level of the OPENview App" on page 12*.

OPENview App structure

Application area

The graphic and text pages of a controller group and the setting parameters of the OPENview App and the connection settings of the controller groups are displayed or visualized in the application area.

All functions and content of the graphic and text pages that are used to configure or set parameters of the building management systems of a project must be accessed using them.

To operate the individual elements of the controller group, tap the respective icons, buttons or input fields.
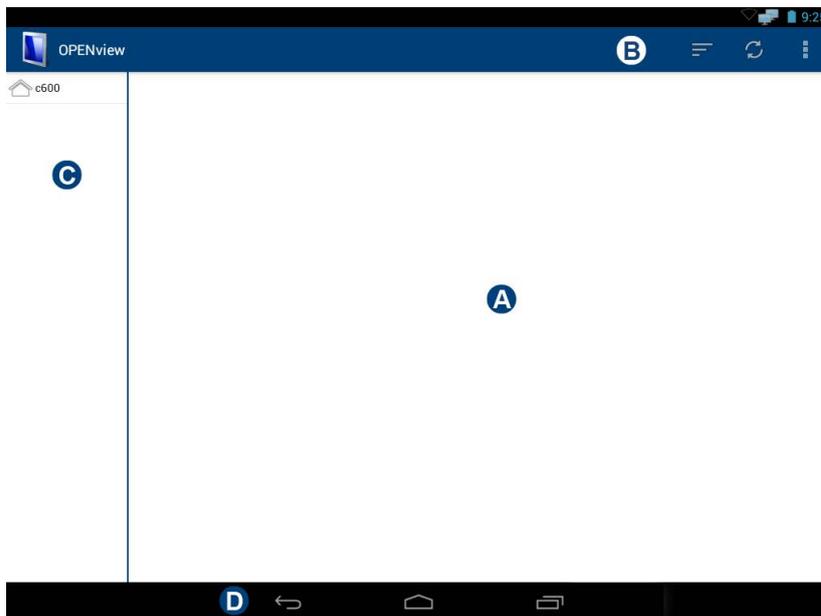
Ⓐ Application area
Ⓑ Action bar
Ⓒ Navigation area
Ⓓ System bar

Gestures

The display and size of the different elements are automatically adjusted to the application area. By making gestures on the screen using your fingers, you can enlarge or minimize graphic and text pages displayed on the screen. Enlarged sections of these pages can also be moved in the application area. To enter numbers or texts, tap the input field and enter the desired text using the keyboard that is automatically displayed.
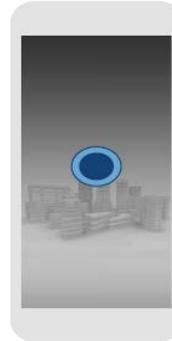
⚠️ Gestures for adjusting the screen depend on the control unit and may deviate from the documentation.
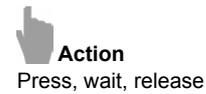
Tapping

Triggers the function of an object.

Action
Tapping

Pressing somewhat longer

Also opens the content or context menu of an object.

Action
Press, wait, release

Wiping or stroking

Moves the enlarged content in the application area.

Action
Tap, move, release
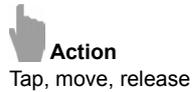
Tapping twice

Enlarges or minimizes the displayed content of the application area by the maximum possible zoom factor.

Action
Quickly tap twice consecutively
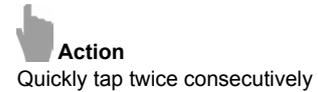
Stroking with two fingers

Enlarges the displayed content of the application area by the zoom factor determined by the gesture.

Action
Press with two fingers, move fingers apart, release
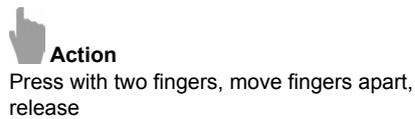
Stroking with two fingers

Minimizes the displayed content of the application area by the zoom factor determined by the gesture.

Action
Press with two fingers, move fingers together, release
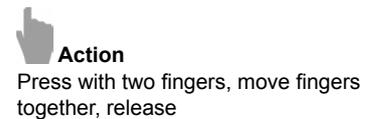
Graphic page

Graphic pages contain dynamic graphic elements, e.g. the window for entering the password or the graphic visualization of building management systems.

Procedure:

1. In the navigation area, the customized information of the OPEN EMS is displayed and marked by corresponding icons.

To open the desired graphic page, tap the icon. The display and size of the graphic page are automatically adjusted to the available area of the application area.

A Application area

B Action bar

C Navigation area

D System bar

2. By making gestures with your fingers on the screen, you can enlarge or minimize graphic pages displayed on the screen. Enlarged sections of the graphic pages can also be moved in the application area.

⚠ The use of gestures depends on the control unit and may deviate from the documentation.

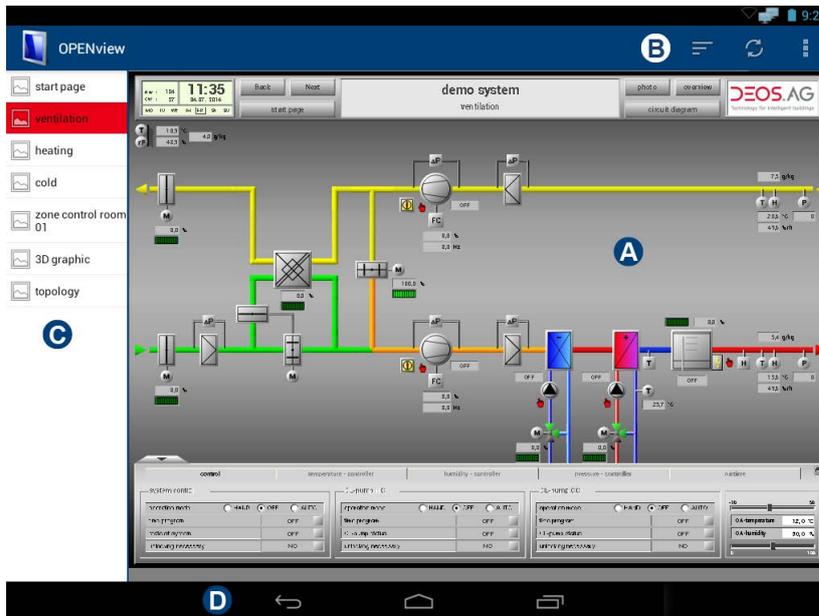**3.** Elements of a graphic page that are predefined by FUP-XL can be parameterized. To set the parameters of a graphic element, tap the corresponding icon. The corresponding graphic for setting the parameters of the graphic element opens. Enter the desired parameters and confirm with "OK". The entries are saved and forwarded to the OPEN EMS for further processing. The dialog closes.

Text page

Text pages contain text elements, e.g. for displaying FUP-XL generated HTML pages.

Procedure:

1. In the navigation area, the customized information of the OPEN EMS is displayed and marked by corresponding icons.

To open the desired text page, tap the icon. The display and size of the text page are automatically adjusted to the available area of the application area.

Ⓐ Application area
Ⓑ Action bar
Ⓒ Navigation area
Ⓓ System bar

2. By making gestures with your fingers on the screen, you can enlarge or minimize text pages displayed on the screen. Enlarged sections of text pages can also be moved in the application area.

⚠️ The use of gestures depends on the control unit and may deviate from the documentation.

3. If elements of a text page are marked in red, they can be edited. To edit a text element, tap the corresponding text. The dialog for changing the values opens. Enter the desired values and confirm with "OK". The entries are saved and forwarded to the OPEN EMS for further processing. The dialog closes.

Action bar

Using the icons in the action bar functions of the OPENview App can be executed directly or additional content can be called up. Optionally, you can setup the action bar as a "dynamic action bar".

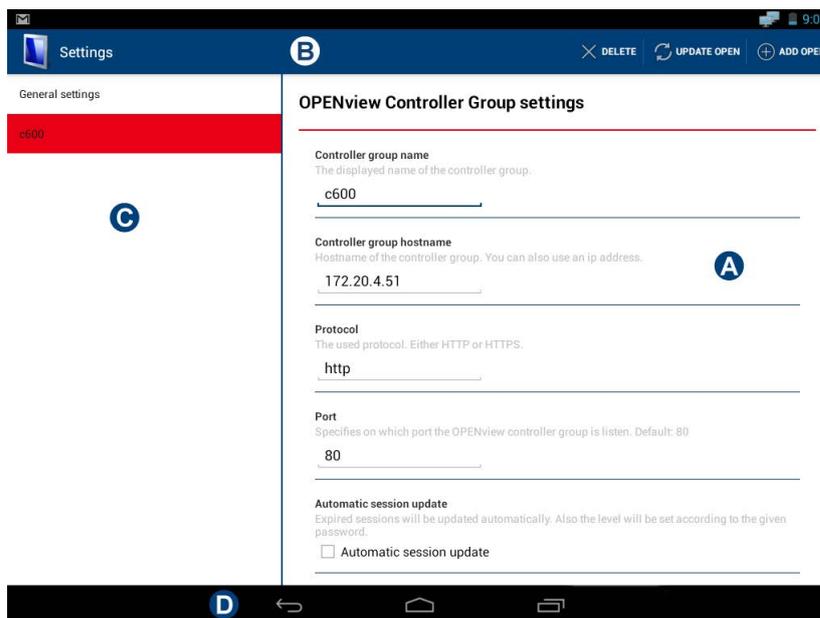⚠ The display of the icons depends on the currently selected level and/or setting of the OPENview App.

⊖ If the "Dynamic action bar" option is activated, the action bar is automatically hidden in the user level and replaced by the icon so that the usable screen area is enlarged. To temporarily show the action bar for performing actions, tap the icon.

◆ Details for setting the dynamic action bar are in the section *„Activating/deactivating the dynamic action bar" on page 18*.

Action bar of the setting level

Ⓐ Application area
Ⓑ Action bar
Ⓒ Navigation area
Ⓓ System bar

Action bar icons (setting level):

OPENview App:
To access the start view of the OPENview App, tap the icon.

Adding controller groups:
To add controller groups to the OPENview App, tap the icon.

Deleting controller groups:
To delete controller groups from the OPENview App, tap the icon.
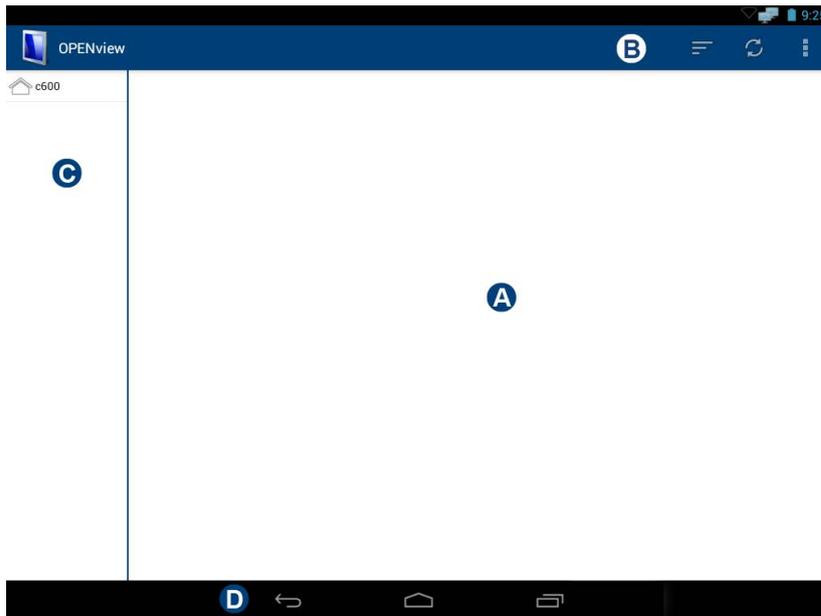
Save/confirm:
To save or confirm entries or changes, tap the icon.

Updating a controller group:
To update a controller group, select the desired controller group and tap the icon.

Action bar of the user level

A Application area
B Action bar
C Navigation area
D System bar

Action bar icons (user level):

OPENview App:
To access the start view of the OPENview App, tap the icon.

Switching on/off the navigation area:
The navigation area can be switched on and off using the button in the action bar. To switch on and off the navigation area, tap the icon. Optionally, it can be completely deactivated using the general settings of the OPENview App.

Details for completely deactivating the navigation area are in section *„Defining the start page" on page 13*.

Update:
Data points of the selected page are read again by the controller group and updated in the view. To update the data points, tap the icon.

Menu:
Menu:
For example, to access the setting level, activate the screen lock for cleaning the screen or display version information, tap the icon and select the desired menu item.
(This icon is not displayed for operation with smartphones. The functions, however, are still available and can be accessed using the hardware button of the smartphone.)

Settings:
To access the OPENview App setting level, tap the "Settings" button.

Screen lock for cleaning:
To lock the screen for 30 seconds for cleaning purposes, tap the "Screen lock for cleaning" button. The screen is enabled again after 30 seconds.

Version information:
To display the information on the OPENview App version, tap the "Info" button.

Navigation area

The individual elements, e.g. a controller group, can be accessed in the user and setting level. In the user level, the arrangement of the elements of the controller groups corresponds to the tree view of the project already defined in the FUP-XL.

To open the lower-level content of an element, tap the corresponding button. All content of the element is loaded and then displayed in the navigation area. Content of graphic and text pages is visualized in the application area. The button of selected graphic or text pages is highlighted in red in the navigation area.

⚠️ Only lower-level content of the respective selected element is displayed in the navigation area. The entire tree structure, however, is not displayed.

☰ The navigation area can be switched on and off using the button in the action bar. Optionally, it can be completely deactivated using the general settings of the OPENview App.

◆ Details for completely deactivating the navigation area are in section „*Defining the start page" on page 13*.

Ⓐ Application area
Ⓑ Action bar
Ⓒ Navigation area
Ⓓ System bar
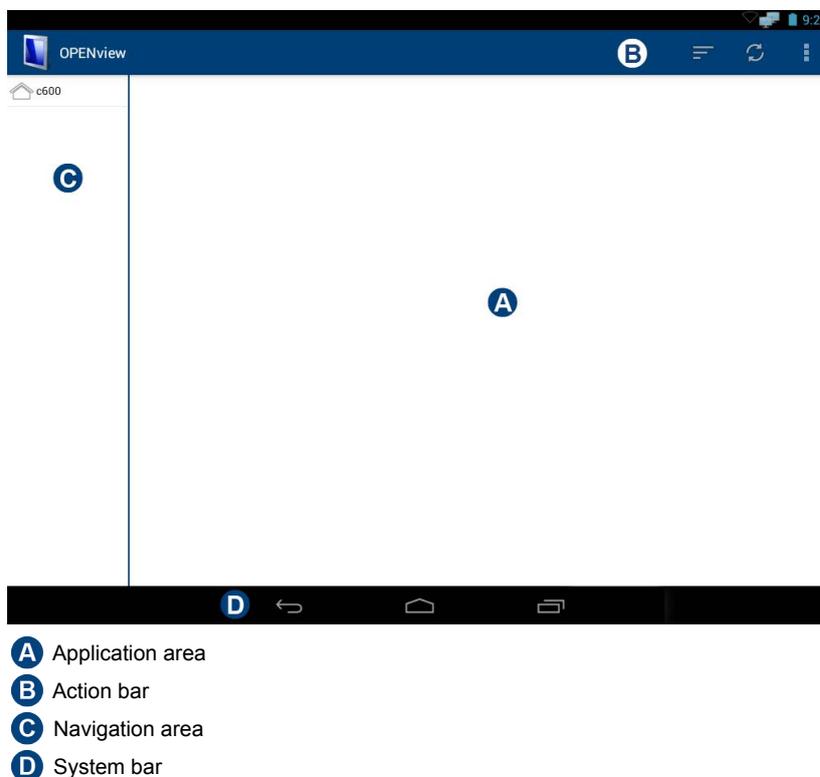
Navigation area icons:

Controller group:
The icon indicates the controller groups (OPEN EMS) in the navigation area. To open the desired controller group, tap the icon. Each read out controller group is marked individually and identically to corresponding defined FUP-XL project by this icon.

Folder:
The icon indicates folders in the navigation area. Folders can contain graphic pages and text pages or other folders. To display the desired folder, tap the icon.

Graphic page:
The icon indicates graphic pages in the navigation area. To open the desired graphic page, tap the icon.
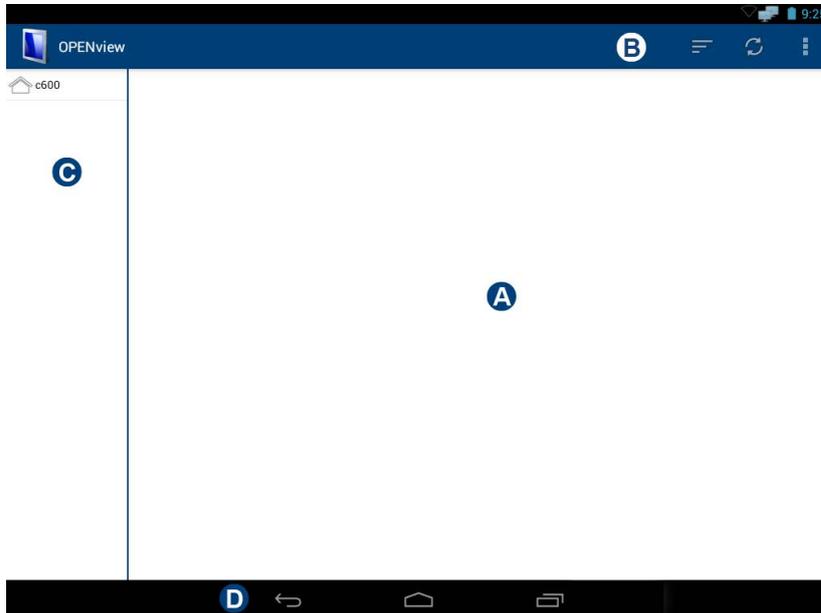
Text page elements:
The icon indicates text pages in the navigation area. To open the desired text page, tap the icon.

System bar

Using the icons in the control bar, functions for operating the OPENview App can also be executed directly.

⚠️ The display and availability of the icons depend on the control unit and may deviate from the documentation.

Ⓐ Application area
Ⓑ Action bar
Ⓒ Navigation area
Ⓓ System bar

System bar icons:

Home:
To access the start screen of the control unit, tap the icon. This function is disabled when safety mode (KIOSK mode) is activated.

Active programs:
To open or end other active programs of the control unit, tap the icon. To switch to an active program, tap the corresponding preview view. To end an active program, tap the corresponding preview view and move to the edge of the screen.

Software back:
To open the next superordinate level of the software, tap the icon.

The setting level of the OPENview App is divided into the following areas:

(1) General settings

(2) Connection settings of the controller groups

In the general settings area, you can change the password, define the start page or configure any number of auto scenes, etc. In the connection settings area, you can edit connection settings of the controller group directly on the selected OPEN EMS.

⚠️ The display of the setting level depends on the control unit and may deviate from the documentation.

If a controller group has not yet be added to the OPENview App and read, the setting level is automatically opened when the OPENview App is started, since controller groups can be added to the OPENview App using the setting level.

⚠️ Access to the setting level is protected. For authentication purposes, the user name and password must be entered. Confirm the entry with "OK". The setting level of the OPENview App opens.

⚠️ If the password is lost, for example, it cannot be reset or changed outside the OPENview App. Instead, it can only be accessed through the setting level of the OPENview App.
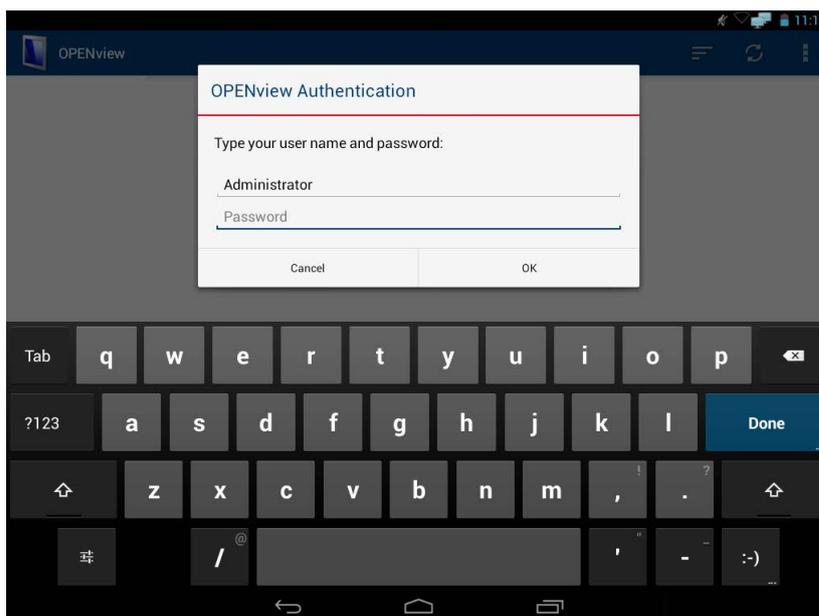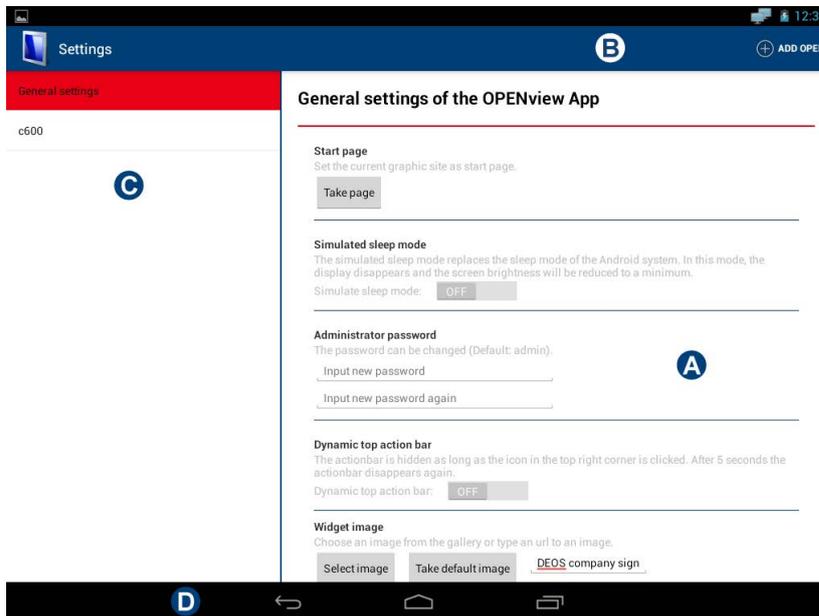
General OPENview App settings

In the general settings area, you can change the password, define the start page or define auto scenes, etc.

Carefully read this section before defining the OPENview App settings.

A Application area
B Action bar
C Navigation area
D System bar

Defining the start page

Graphic pages of controller groups can be defined as a start page. To individually define a start page, a controller group must be connected to the OPENview App.

If a controller group has not yet been added to the OPENview App and read, the options for defining the start page are not completely displayed.

Details on adding a controller group are located in section *„Adding a controller group" on page 29*.

Procedure:

1. Open the user level and open the desired graphic page using the controller groups listed in the navigation bar.

2. In the action bar, select the "Menu" button and switch to the "Settings" menu item in the setting level.

Access to the setting level is protected. For authentication purposes, the user name and password must be entered. Confirm the entry with "OK". The setting level of the OPENview App opens.

3. In the Navigation area, select the general settings. The options for setting the OPENview App are opened in the application area.

4. To define the graphic page previously opened in the user level as a start page, tap the "Take page" button in the "Start page" section. The start page is now defined. The "Remove page" button and the "Tree view" option are also added to the the start page settings.

⚠️ If an individual start page was already defined, you must confirm the security prompt asking whether the existing startup page is to be overwritten with "OK".
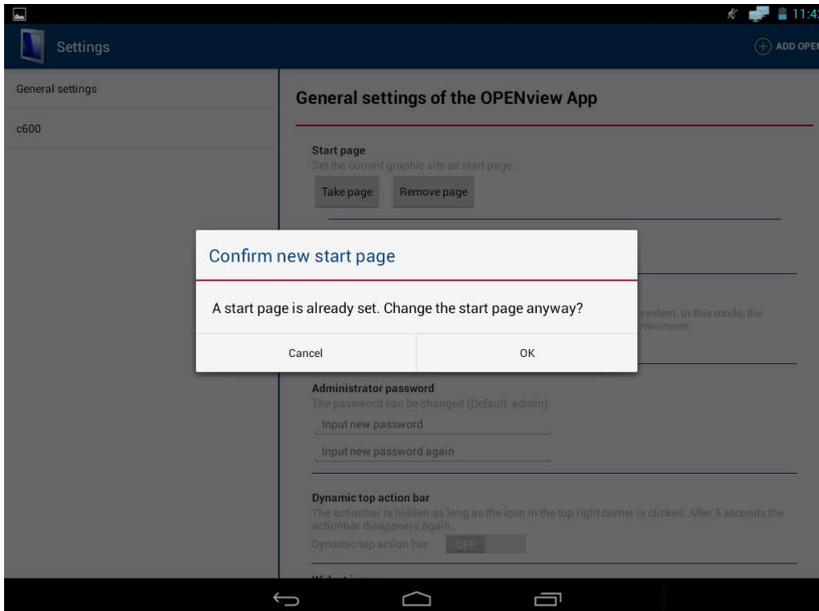
5. To delete an individual defined start page, tap the "Remove page" button. In the future, the overview of the controller groups is displayed in the user level as a start page.
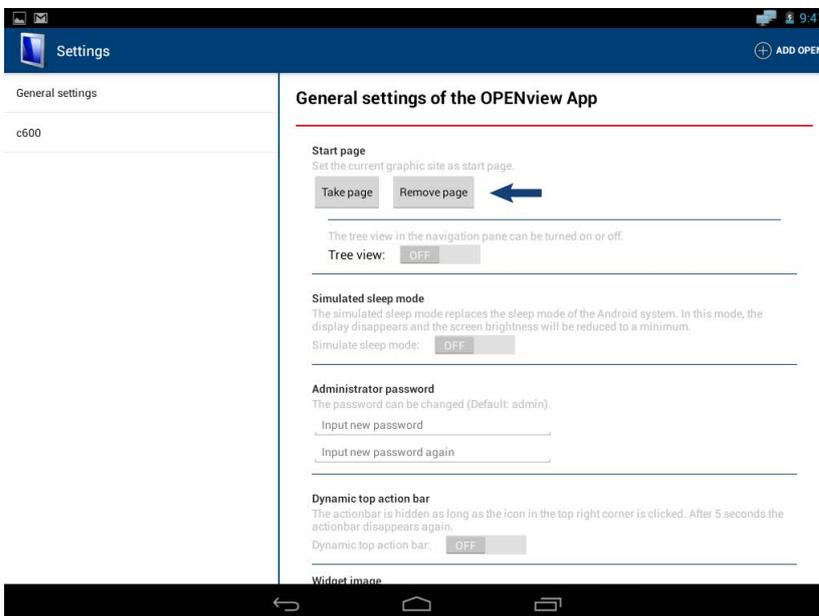
6. Optionally, the navigation area can be switched off in the user level. To switch off the navigation area in the user level, set the sliding control to "OFF" by touching it and dragging it to "OFF". To switch the navigation area back on in the user level, set the sliding control to "ON" by touching it and dragging it to "ON".
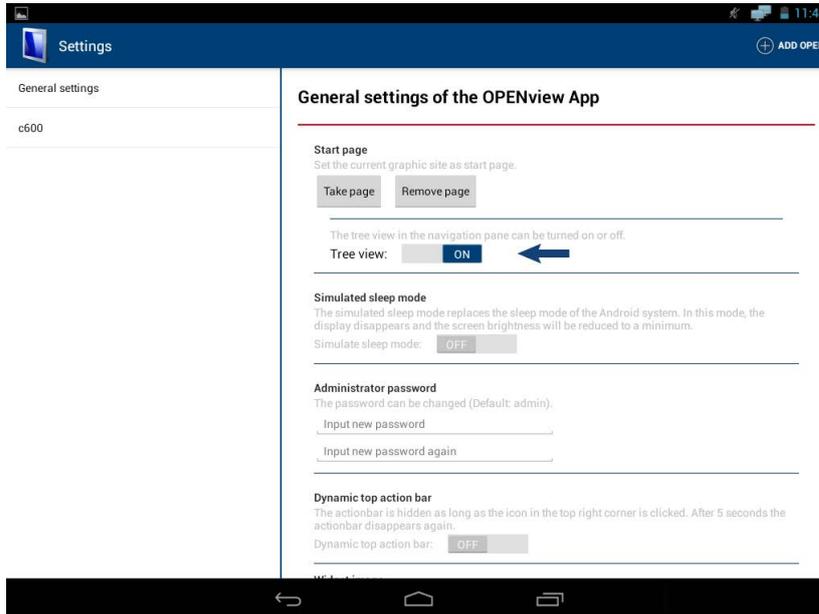
Depending on this setting, the icon for showing and hiding the navigation area is switched on or off in the action bar of the user level.

When the navigation area is switched off, only the start page along with the corresponding linked functions and the action bar are displayed in the user level. In this case, you cannot switch to other screens using the navigation area (tree).

Activating/deactivating simulated sleep mode

By default, the control unit switches into sleep mode after the time defined in the operating system settings expires without the screen being touched, i.e. the current display is hidden (standard function for Android tablets). To the show the current display again and resume operation, the screen must be touched and a screen lock may need to be disabled.

⚠️ If the control unit is in sleep mode, the communication between the OPENview App and the OPEN EMS also sleeps. This is why auto scenes cannot be used in conjunction with the standard set sleep mode of the control unit. To use auto scenes, the sleep mode of the control unit (Android) <u>must</u> be switched off, i.e. set to "Never".

In conjunction with using auto scenes, the current display is still hidden after 30 seconds without any activity, i.e. without the screen being touched, and the screen brightness is reduced to a minimum by activating the "Simulated sleep mode" function. To the show the current display again and resume operation, you only need to touch the screen. In this case, you do not need to unlock the control unit. The simulated sleep mode is different from the sleep mode of the control unit, since the OPENview App still runs in the background and the communication is maintained with OPEN EMS.

Procedure:

1. To activate the simulated sleep mode, set the sliding control to "ON" by touching it and dragging it to "ON" and to deactivate the simulated sleep mode again, set the sliding control to "OFF".
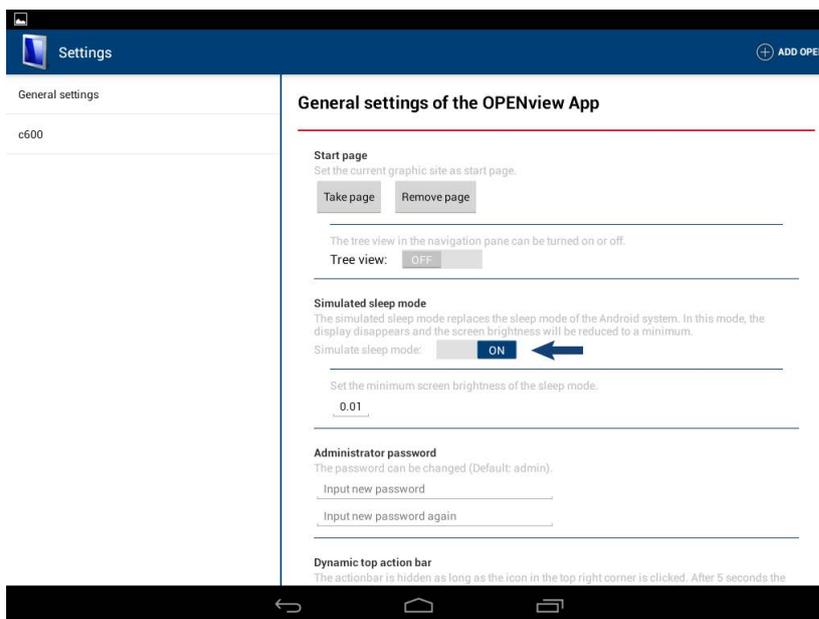
2. In addition, you can individually adjust the brightness of the screen when the simulated sleep mode is activated.

⚠️ The preset value is an empirical value. The scaling of the value depends on the control unit and should only be changed by experienced system technicians. If a value that is too low is entered, the screen may no longer respond when it is touched.

Changing the administrative password

The user name and password are defined at the factory. The user name cannot be customized. The password can be customized if necessary.

Procedure:

1. To customize the password, tap in the top input field and enter the desired password. Then tap in the lower input field and repeat the new password.

To save the password, tap the button. Alternatively, the change can be confirmed using the "Software Back" button.
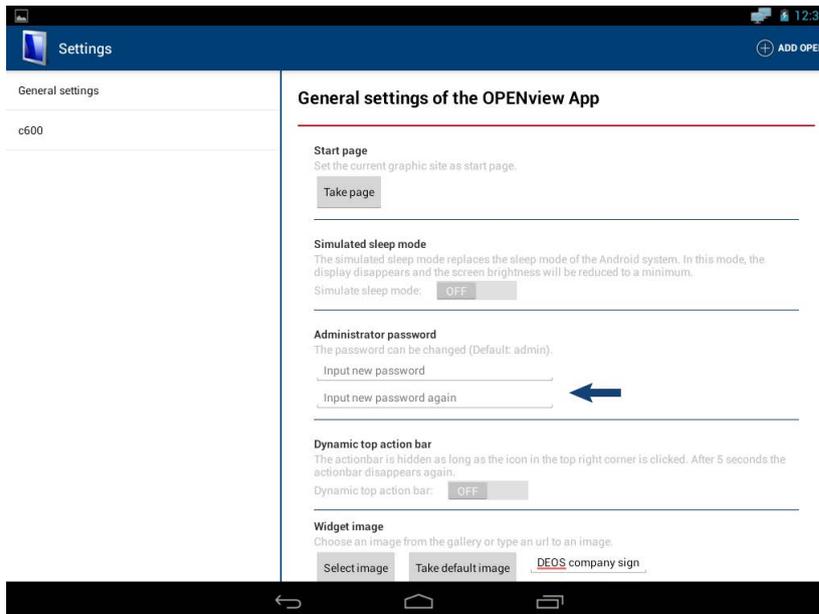
⚠ The password should not be stored together with other switch cabinet or OPEN EMS documents. Make sure that the password is protected from unauthorized access.

⚠ If the password is lost, for example, it cannot be reset or changed outside the OPENview App. Instead, it can only be accessed through the setting level of the OPENview App.
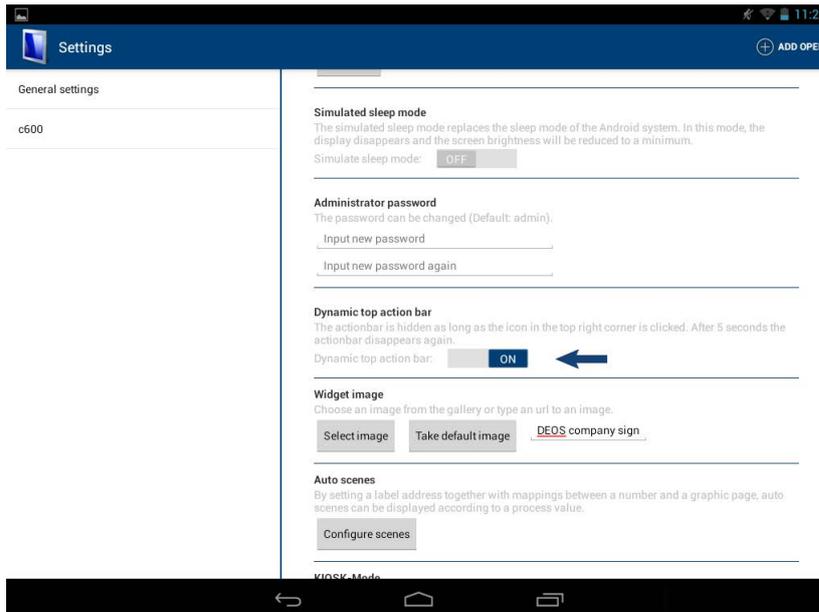
Activating/deactivating the dynamic action bar

Different commands can be executed directly using the icons in the action bar. Optionally, you can setup the action bar as a "dynamic action bar".

If the "Dynamic action bar" option is activated, the action bar is automatically hidden in the user level and replaced by the icon so that the usable screen area is enlarged. To temporarily show the action bar for performing actions, tap the icon.

Procedure:

1. To activate the "Dynamic action bar" option, set the sliding bar to "ON" by touching it and dragging it to "ON". The action bar is then automatically hidden and replaced by the icon.

2. To deactivate the "Dynamic action bar" option again, set the sliding bar to "OFF" by touching it and dragging it to "OFF". The action bar is then constantly shown in the user level.

Details for setting the dynamic action bar are in section *„Action bar" on page 8*.

Setting up the widget screen

As an alternative to starting the OPENview App using its icon, a widget can be added to the screen. Refer to the manual of the control unit for detailed information on using widgets. The widget can also be assigned an image from the existing Android gallery.

Procedure:

1. To assign an image to the widget, tap on the "Select image" button. The Android galley opens.

⚠️ Alternatively, a URL, e.g. „http://www.google.de/bilder/bild1.png", of an image can be entered using the input field.
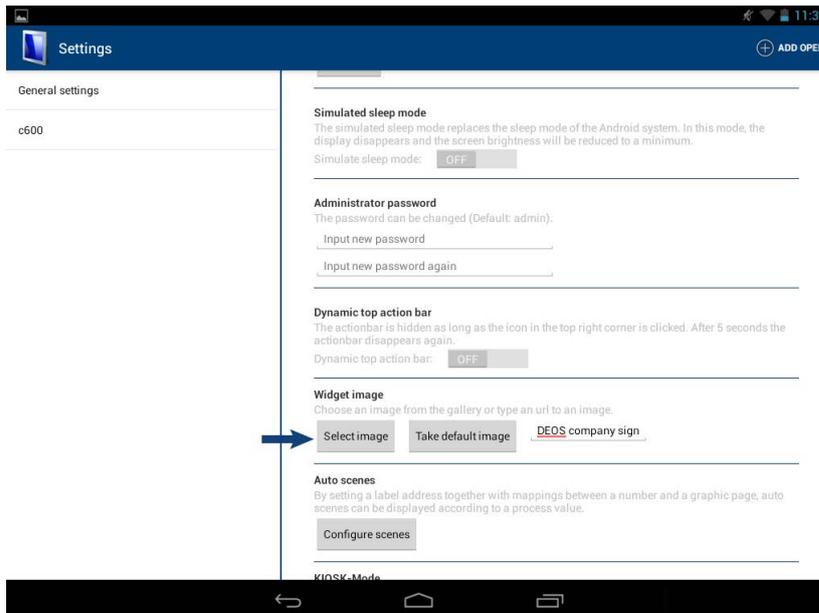
2. Select the desired image from the Android gallery and confirm the selection by tapping it again. The corresponding URL (source) is displayed in the general settings.

⚠️ To assign the preset widget image to widget, tap the "Take default image" button. The "DEOS company logo" URL is displayed in the general settings.

Defining auto scenes

Using the "Auto scenes" function, you can display the selected graphic pages depending on an individually defined process value. In general, you can define any number of auto scenes. Only one process value can be assigned to a graphic page.

⚠️ The start page or sleep mode settings remain and are not deleted.

Procedure:

1. Open the general settings and select the "Auto scene" section using the navigation area.

2. To define an auto scene, tap the "Configure scenes" button. The window for configuring the auto scene opens.

⚠️ To configure the link information, you must have knowledge about the structure of the corresponding project on the controller group.
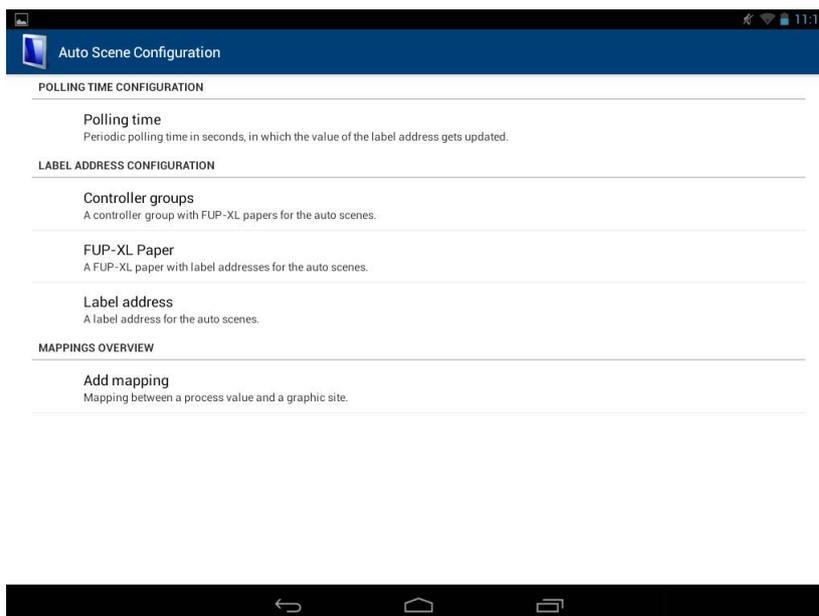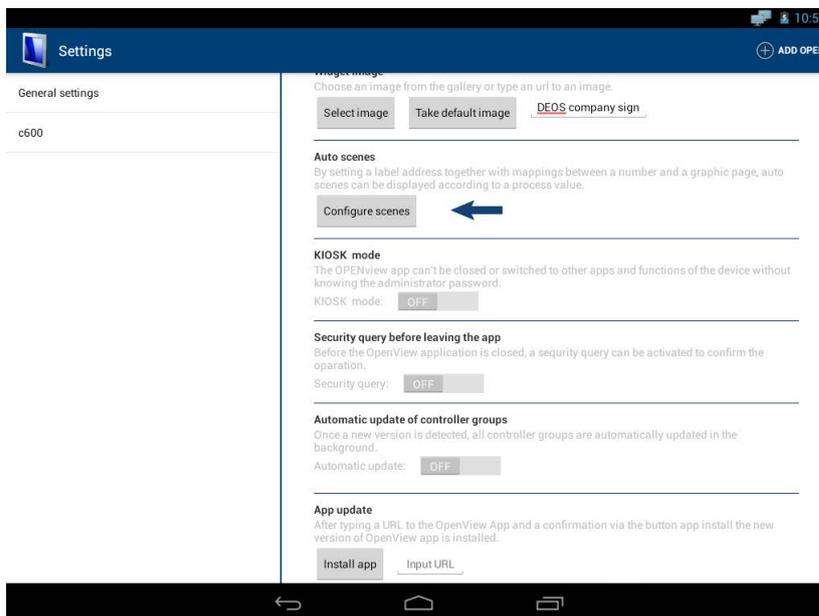
3. The interval (specification in seconds) of the data polling for comparing the current process value and the desired target value is determined in the "Polling time" section. If these values match, the display of the application area automatically switches to the linked graphic page. To determine the interval of the data polling, tap the "Polling time" button and select the desired interval. The selection is directly applied and the window closes.
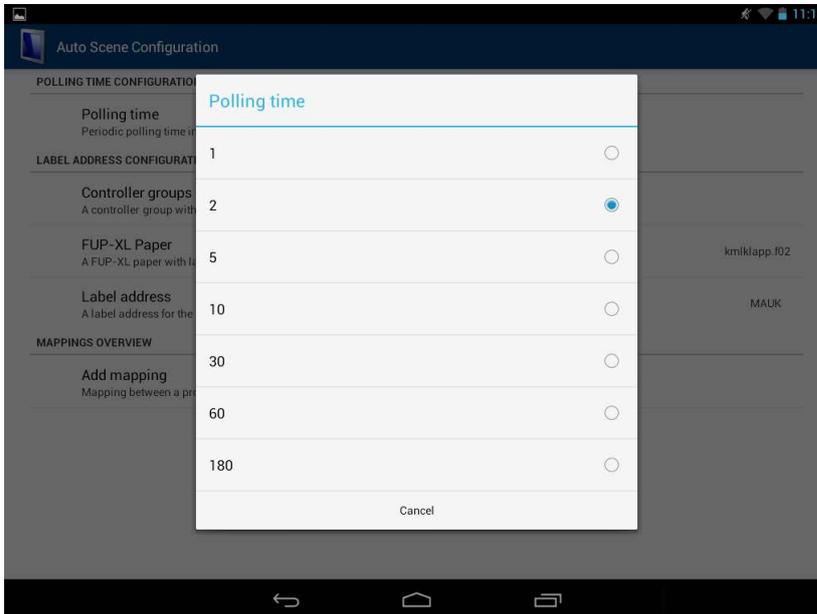

4. The link to the desired process value is established using the menu items in the "Label address configuration" section. To determine the required link information, tap the respective section and select the desired link information. The selection is directly applied and the window closes.

⚠️ The available controller groups are displayed here using the unique project ID.

❗ To make the search for the desired FUP-XL page or the label address easier, there is another search field available. To enter a search term, tap the input field and enter the search term using the keyboard that is automatically displayed. The display of the available FUP-XL pages or label addresses is adjusted to the search term accordingly.
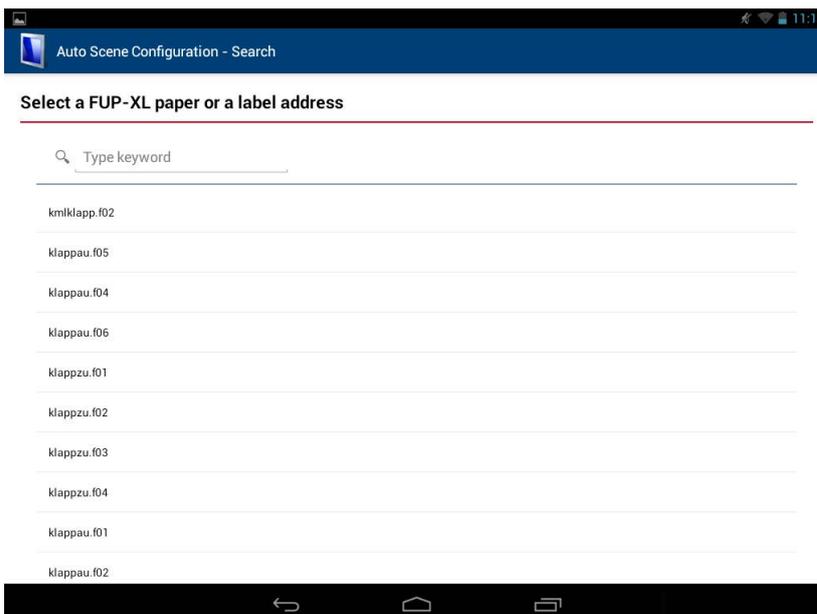
4. If all the required link information is available, you can determine the desired target value and the graphic page using the "Add mapping" menu item. To determine the target value, tap the input field and enter the target value using the keyboard that is automatically displayed. Confirm the entry with "Done".

⚠️ The target value can only be defined as a whole number.
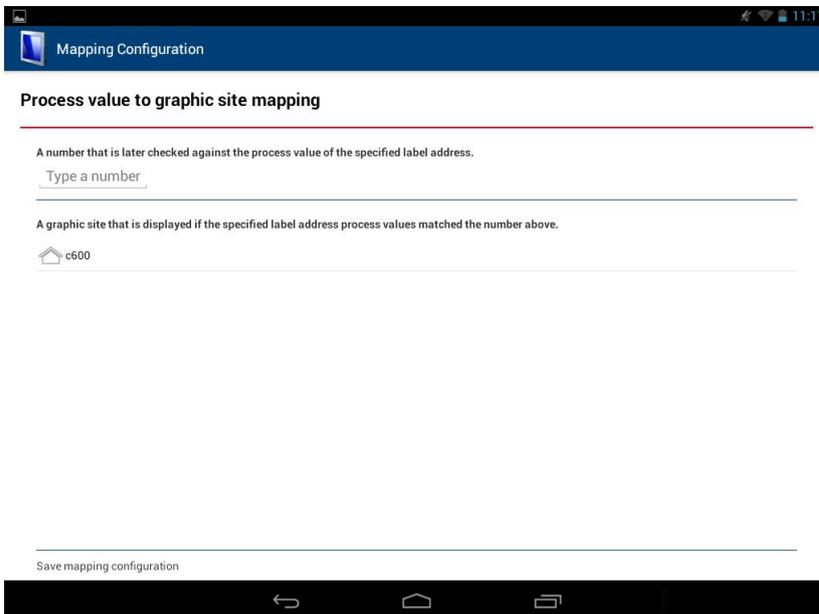
5. Select the graphic page to be assigned to the process value using the selection area (structure is similar to the navigation view of the controller group). To open the next superordinate level in the selection area, tap the desired element. To access the next superordinate level in the selection area, tap the "Software back" button.

6. To save the process value and graphic page assignment, tap the "Save mapping configuration" button. The assignment overview is added to the defined assignment.
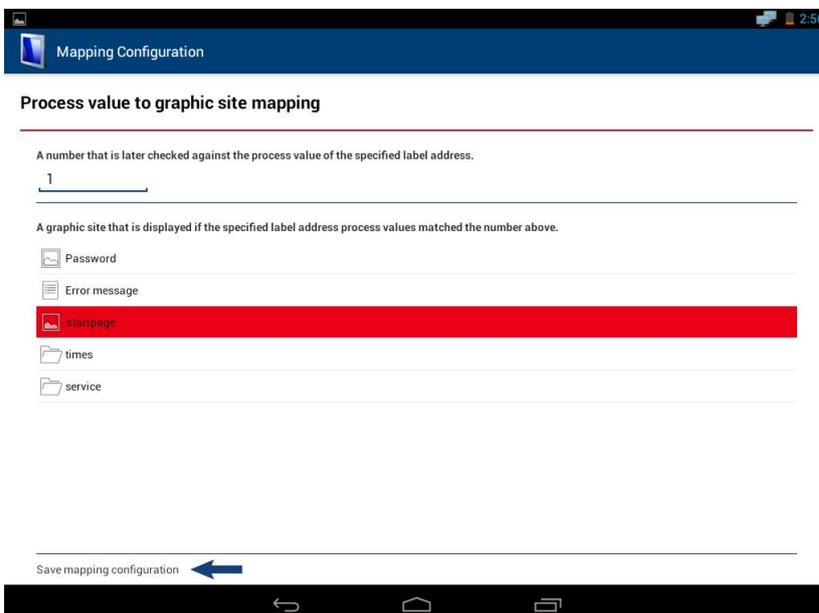
7. To delete an existing auto scene, tap the "Delete" button. The auto scene is deleted directly. You do not have to confirm a security prompt.
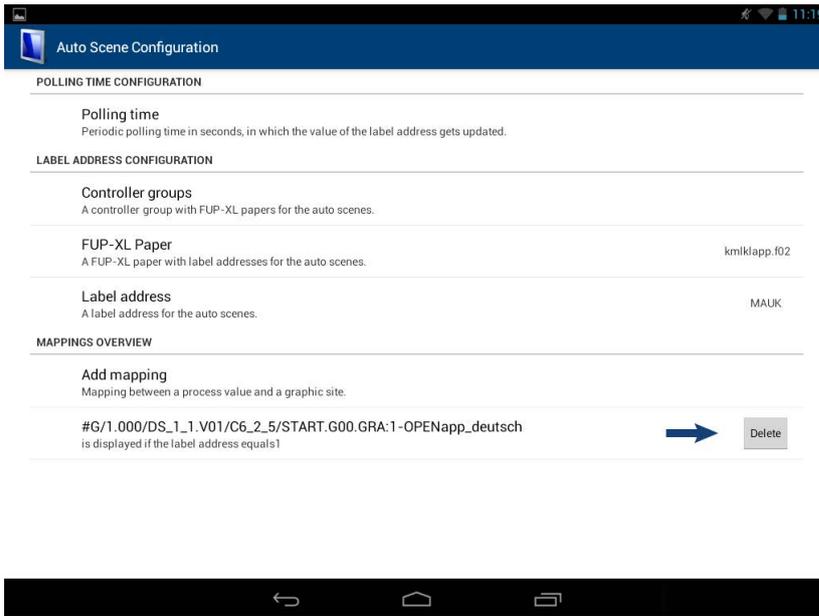
Activating/deactivating the safety mode (KIOSK mode)

If the control unit is installed in public areas and is available for an unlimited group of people, the KIOSK mode can be optionally activated. In KIOSK mode, you cannot end the OPENview App or switch to other functions of the control unit without knowing the password.
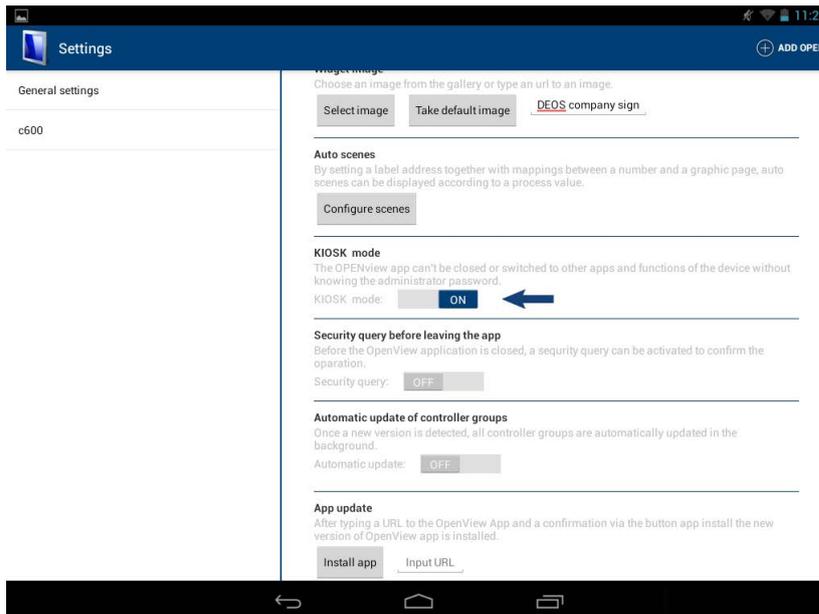
Procedure:

1. Before you activate KIOSK mode, you should remove all apps from the "recently opened apps" list.
To do this, tap the "Active programs" button and remove all the displayed apps.

2. To activate the "KIOSK mode" option, set the sliding bar to "ON" by touching it and dragging it to "ON".

3. The "Start App" must then be defined.
To determine the "Start app", tap the "Home" button. A dialog for selecting the "Start app" (launcher) opens.

4. Select the OPENview App. To confirm the selection, the "Always and "Just once" options are available.

Always:
The OPENview App is executed in KIOSK mode. If the control unit is switched off and started again, the OPENview App is automatically started and still executed in KIOSK mode.

⚠️ You can no longer end the OPENview App or switch to other functions of the control unit.

Just once:
The OPENview App is executed in KIOSK mode. If you tap the "Home" button again, the dialog for selecting the "Start app" opens.
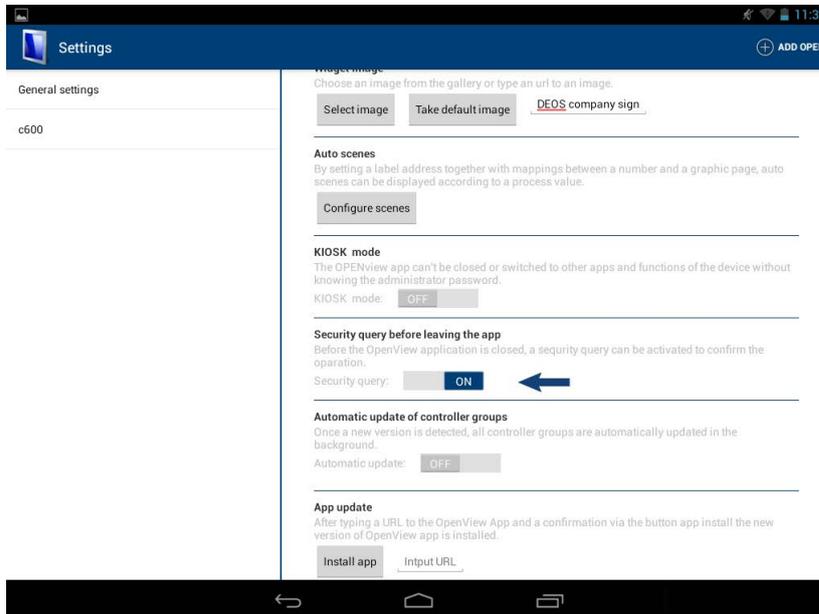
5. To deactivate "KIOSK mode" option, set the sliding bar to "OFF" by touching it and dragging it to "OFF".

Activating/deactivating the dialog when exiting the app

The active pages of the OPENview App are closed using the "Software Back" button and the higher-level pages are displayed accordingly. To end the OPENview App, switch to the start view and tap the "Software Back" button. The OPENview App ends. Optionally, a dialog for confirming this step is displayed.

Procedure:

1. To activate the "Security query before leaving the app" option, set the sliding bar to "ON" by touching it and dragging it to "ON".
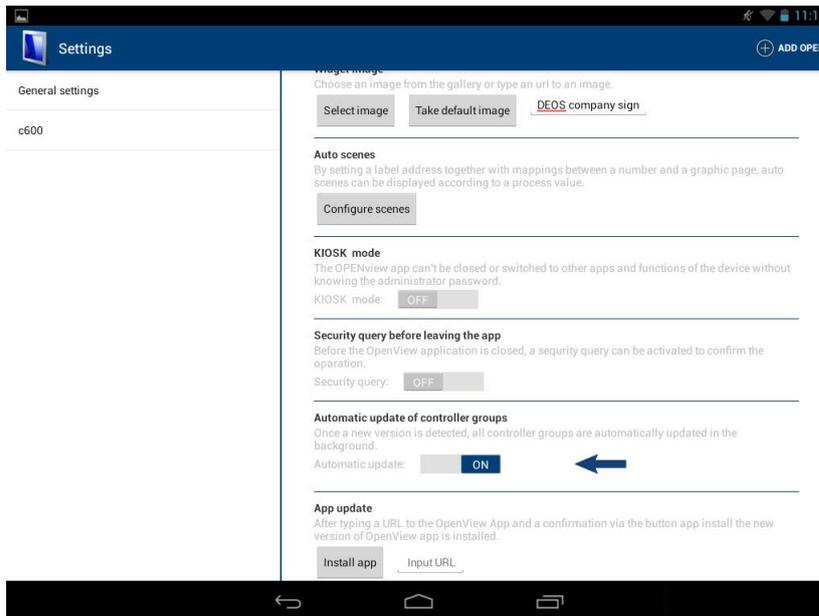

2. To deactivate the "Security query before leaving the app" option, set the sliding bar to "OFF" by touching it and dragging it to "OFF".

Activating/deactivating the automatic update controller groups function

If a new version of the controller group of OPENview App is detected, the corresponding controller group must be updated. By default, a dialog appears indicating the required updates of the controller groups. The update is carried out only after you confirm the dialog. Optionally, this dialog can be deactivated so that update automatically runs in the background of the OPENview App.

Procedure:

1. To activate the "Automatic update of controller groups" option, set the sliding bar to "ON" by touching it and dragging it to "ON".


2. To deactivate the "Automatic update of controller groups" option, set the sliding bar to "OFF" by touching it and dragging it to "OFF".

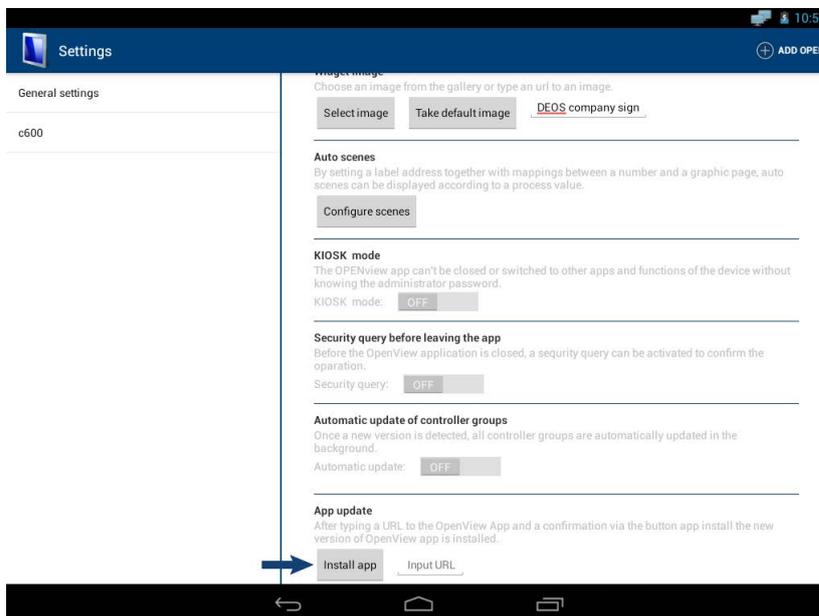## Activating/deactivating the app update (not available for versions downloaded from the Google Playstore)

If there is a new version of the OPENview App available as an update, you can update the control unit.

Procedure:

1. To enter the URL, tap in the input field and enter the URL.
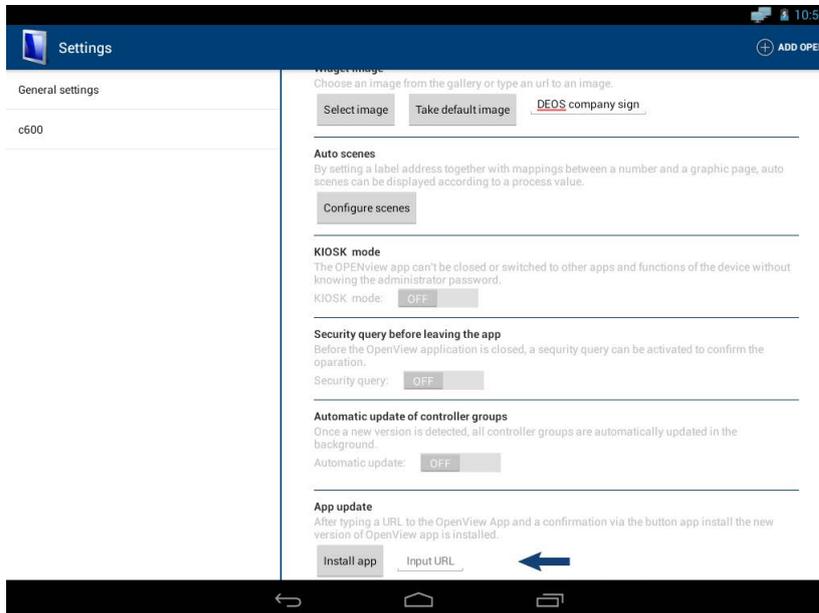
2. To perform the update, tap the "Search for update" button. The update is carried out.

3. If a valid and available URL is displayed, it is checked whether a new version of the OPENview App is available when the OPENview App is started. Once a new version of the OPENview App is available, the "New version available" item is added into the drop-down menu of the action bar. To perform the update, tap the "New version available" item. The dialog for installing the update is displayed and must be confirmed. The update is carried out.

⚠️ Installing or updating the OPENview App can take a minute.

Connection settings of the controller groups

In the connection settings area, you can change connection data, etc. of the controller group.

Carefully read this section before defining the connection settings of the controller groups in the OPENview App. Details for editing the connection settings are provided in section *„Editing a controller group" on page 31*.

Controller group name:
The controller group name can be assigned individually. The controller group name is then displayed in the navigation area.

Protocol:
Information on the protocol for the communication between the controller group and OPENview App within the network. By default, "http" is preset as the protocol.

Host name:
Host name information, e.g. the IP address, for addressing the controller group within the network.

Port:
Information on the port for the communication between the controller group and OPENview App within the network. By default, "80" is preset as the port.

Data refresh rate:
The data refresh rate (specification in seconds) defines the interval in which the data of the graphic and text pages of the controller group is refreshed. By default, "10" is preset as the data refresh rate.

If the data refresh is set to "Manual", the command for performing the procedure can only be initiated by tapping the button.

Using a low refresh rate increases the communication volume with the OPEN EMS and thus leads to an increased load on the OPEN EMS. We recommend using low refresh rates only for a limited time period, where possible, e.g. for testing purposes.
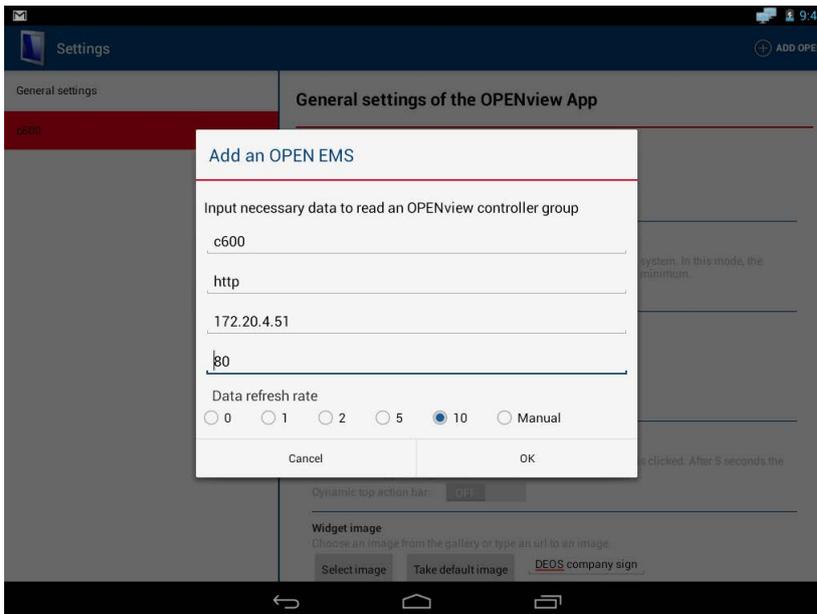
Adding a controller group

Procedure:

1. In the action bar, select the "Settings" menu item in the setting level. There, controller groups can be added to the OPENview App and read.

To add an OPEN EMS to the OPENview App, tap the "Add controller group" icon in the action bar. The dialog for entering the connection data opens.

When using smartphones, the documentation may deviate from the documentation due to the reduced space requirements.

2. Enter all the individual connection data of the controller group using the keyboard that is automatically displayed.

Confirm each entry by tapping the "Next" button so that the cursor automatically switched into the next input field.

If all connection data is entered, close the keyboard by tapping the "Done" button. Confirm the connection data with "OK".

3. The dialog for defining the project ID opens. The existing project ID is displayed. If the displayed project ID is still to be used, confirm it with "OK".

The project ID may only contain the characters "a - z", "A - Z", "0 - 9" and "_".

The project ID is saved for the assignment in the OPENweb server in the corresponding OPEN EMS. Before the project ID is changed, you should ensure that the existing project ID is not being used by other systems, since otherwise this assignment is no longer possible. If the project ID is still changed, the additional security query must be confirmed with "OK".
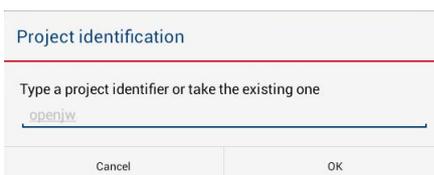
4. The connection to the controller group is established and the data is read.

⚠️ This procedure can take a minute.

5. If the data of the controller group is completely read, the OPENview App is started again and the controller group is added to the navigation area.

⚠️ The display of the OPENview App depends on the customized general settings and may deviate from the documentation.

Deleting a controller group

Procedure:

1. In the action bar, select the "Settings" menu item in the setting level.

✕ To delete an existing controller group from the OPENview App, select the desired controller group and tap the "Delete controller group" icon in the action bar. The controller group is deleted from the OPENview App and is removed from the navigation area.

⚠️ This command is directly executed without an additional security query.

Updating a controller group

The controller group can be updated at any time.

Procedure:

1. In the action bar, select the "Settings" menu item in the setting level.

🔄 To update an existing controller group, select the desired controller group and tap the "Update controller group" icon in the action bar. The data of the controller group is read again and updated.

⚠️ This procedure can take a minute.

📑 Details on automatically updating controller groups are provided in section *„Activating/deactivating the automatic update controller groups function" on page 26*.

Editing a controller group

The connection settings of a controller group can be edited at all times.

⚠️ The display of the connection settings of controller groups depends on the control unit and may deviate from the documentation. When using smartphones, e.g. for displaying the data, there is no application area available. Instead, the data is displayed in a new window when a menu item from the navigation area is selected.

Procedure:

1. In the action bar, select the "Settings" menu item in the setting level. Using the navigation area, you can display or edit "general settings" of the OPENview App and connection settings of all available controller groups.

2. To display or edit the connection settings of a controller group, select the desired controller group. The corresponding connection settings are loaded and displayed in the application area.

3. To edit the connection settings, tap in the corresponding input field and enter the change using the keyboard that is automatically displayed. To close the keyboard and confirm the changes by tapping the "Done" button.

4. If connection information of the controller group was changed, i.e. controller group host name, protocol or port, the project IDs is automatically checked. If this data matches, the changes are accepted. If this data does not match, the changes are rejected.

✓ To confirm the change, tap the button. Alternatively, the change can be confirmed using the "Software Back" button.

⚠ This procedure can take a minute.

⚠ The change to the data refresh rate does not require additional confirmation. Instead, it is directly applied.

5. If the maximum permissible time for interrupting a session is exceeded, the password loses its validity and you have to log in again to continue editing. Optionally, the new login can be performed in the background. To do this, you have to mark the tick box in the "Automatic session update" and enter the valid password required for the login.

✓ To confirm the activation and the password, tap the button. Alternatively, the change can be confirmed using the "Software Back" button.

⚠ The user level and thus the access authorization is determined according to the settings on the controller group using the password.
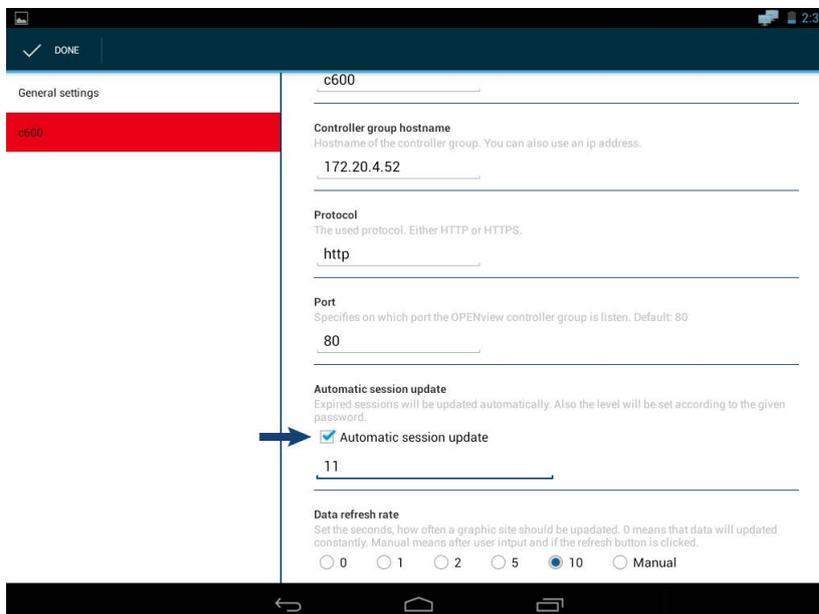
6. To deactivate the automatic session update, remove the tick of the tick box in the "Automatic session update" section. This change is automatically applied and does not require additional confirmation.

OPENview App user level

The building management systems are operated, configured and parameterized using the user level. There, all available content and controller groups are displayed in the navigation area. The graphic and text pages of an OPEN EMS are displayed or visualized in the application area.

All functions and content of the graphic and text pages that are used to configure or set parameters of the building management systems of a project must be accessed using the navigation area of the user level. The arrangement of the elements here corresponds to the project already defined using FUP-XL with the corresponding tree structure (tree view).

To display content and elements of the OPEN EMS, tap the respective button in the navigation area. All data of the selected page is loaded and then visualized in the navigation area.

To operate the individual elements of a graphic or text page, tap the respective icons, buttons or input fields so that additional windows or context menus open. You must have knowledge about the OPENview ControlPanel.