

## Software Release Notes

### dSS V1.10.3

The digitalSTROM AG uses Software Release Notes (SRN) to provide information about software changes and updates of existing products.

Document-Number	SRN-1511
Date/Version	25.11.2015 / v1.0

### Affected Products

Product	Software Description	New Version	Where to find the version info	Release date
digitalSTROM Server dSS11/dSS11E	dSS Version	1.10.3	In the dS Configurator (Figure 1)	25.11.2015
digitalSTROM-Meter dSM11/12	ARM Software Version DSP Software Version	1.23.0.0 1.6.0.0	In the dS Configurator (Figure 1)	25.11.2015

### Installation Notes

- Execute the software update from the digitalSTROM configurator via the "*System/System Update*" menu.
- The dSS11 must be connected to the Internet in order to perform the update. Alternatively, the update can be installed using an USB thumb drive.
- It is advisable to back up your system settings prior to performing a system update via "*System/System Maintenance*".
- Once the system updates are installed, the system automatically checks for available dSM firmware updates, which must be installed manually. Install these updates by clicking on the "*Update dSM firmware*" button. After the installation, check whether any further updates are available to ensure that all dSMs have been updated.
- When updating from dSS version 1.2.1 or older, please also consider the release notes from earlier updates. A complete list of release notes as well as the USB update file can be found at <http://www.digitalstrom.com/Partner/Support/Software-Updates/>.

## New functions in V1.10.3

### Overview: System State, Room State and Group State

The system overview tab provides a new overview for current apartment and room states. This overview includes:

- System state: shows which apartment states are set (Presence Simulation, Apartment Presence, Security, Solar Altitude, Weather)
- Room state: shows the last called scenes that are active per room and color group and which sensor values are valid in the rooms (currently it's temperature, humidity and motion status)
- Group state: shows the group state of each user group and the configuration and operation lock status

Overview							
System State							
Type			State				
Presence			Present				
Presence Simulation			Inactive				
Security	Alarm			Alarm 1 inactive		Alarm 2 inactive	
Room State							
Room ▲	Light	Shade	Heating	Audio	Video	Temperature control	Sensor Values
Schlafzimmer	Light is off Off	Preset 1	Deep off	Deep off	Deep off	Control value: 17 Set temp: 22 Comfort	21.4 °C 48.4 %rH
Wohnzimmer	Light is off Area 3 on	Preset 1	Deep off	Off	Preset 1	Control value: 0 Set temp: 18 Cool	22 °C
Group State							
Group	Color Group	State	Configuration	Operation			
Jalousien	Shade	Coming Home	not locked	not locked			
Markisen	Shade	Coming Home	not locked	not locked			

### Hardware Tab: Display the status of AKM and other available sensor values

In the Hardware Tab, the Status column now shows the status of an AKM such as 'contact open / contact closed' or the immediate sensor value such as '°C / %rH'.

In case the device provides more than one value, the values are shown separated by a ','.

The status is refreshed by clicking the Refresh View button.

Devices						
Name ▲	ID	Output Mode	Input Mode	Input	Status	
 Rauchmelder	0001f582		Smoke detector	standard	Contact open	
 Regenwächter	00008082		Rain monitor	Line 3, standard	Contact open	

## Set and check the area configuration

In order to easily check the area configuration of devices, a new button 'Read area configuration' has been added to the Activities tab. This button is valid if a light or shade preset is selected within a room and the light or shade devices are shown.

When clicking the button, the area configuration for all output devices is read. While reading, a progress dialog including Cancel button is shown. The result is displayed within the 'Output' column where 'Area 1, 2, 3, 4' is added to the already existing text.

This data is removed if the configuration might have changed and is not kept persistently within the dSS. If a device gets added or removed from an area by using the dedicated buttons, the list is updated immediately.

Presets		Devices											
													
<ul style="list-style-type: none"> <li>▶ Badezimmer</li> <li>▶ Balkon</li> <li>▶ Büro</li> <li>▶ Dusche</li> </ul>		<div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">Read area configuration of devices for selected zone and group</div> <table border="1"> <thead> <tr> <th></th> <th>ID</th> <th>Output Mode</th> </tr> </thead> <tbody> <tr> <td> Jalousie Marvin gross</td> <td>00016c51</td> <td>Area 1, 4</td> </tr> <tr> <td> Jalousie Marvin klein</td> <td>0009e781</td> <td>Area 2, 4</td> </tr> </tbody> </table>				ID	Output Mode	 Jalousie Marvin gross	00016c51	Area 1, 4	 Jalousie Marvin klein	0009e781	Area 2, 4
	ID	Output Mode											
 Jalousie Marvin gross	00016c51	Area 1, 4											
 Jalousie Marvin klein	0009e781	Area 2, 4											

In addition, the user can change the configuration of buttons within the activities tab directly. Therefore, the device properties dialog which is known from the Hardware tab was added to the Activities tab as well.

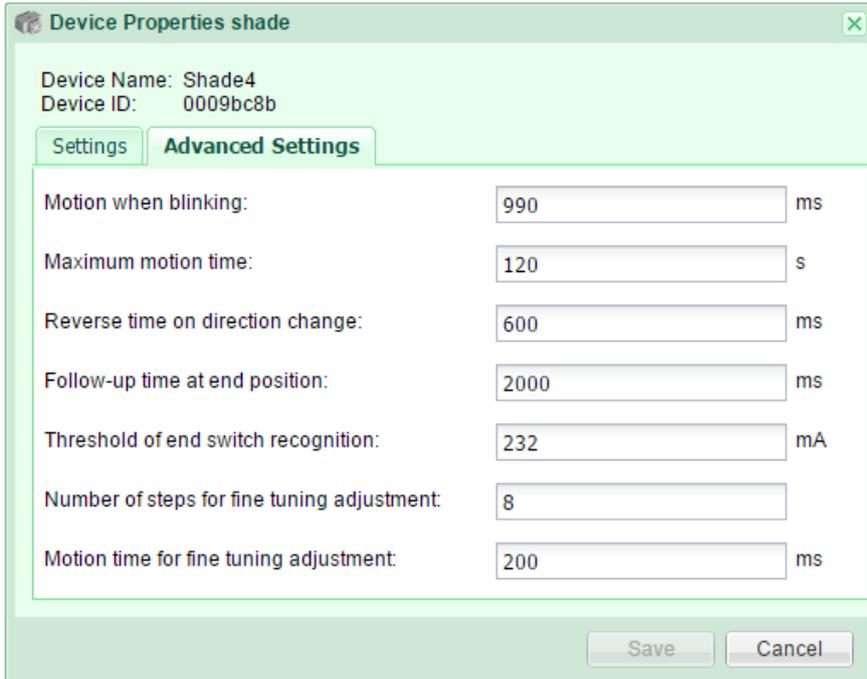
As a result, the menu showing the activity related settings has been renamed to 'Edit Activity Settings'.

The device property dialog has been added to the Groups tab as well.

## Increase maximum run time for shade devices

Some larger shades might require a longer run-time than the 120 seconds which are set as a default. To increase this maximum motion time, a new parameter was added to the 'edit device properties shade' dialog.

This parameter can be set to all GR-KL and GR-HKL with firmware version 3.6.0 and higher.



The screenshot shows a dialog box titled "Device Properties shade" with a close button (X) in the top right corner. The dialog contains the following information:

- Device Name: Shade4
- Device ID: 0009bc8b

There are two tabs: "Settings" and "Advanced Settings". The "Advanced Settings" tab is active and contains the following parameters:

Parameter	Value	Unit
Motion when blinking:	990	ms
Maximum motion time:	120	s
Reverse time on direction change:	600	ms
Follow-up time at end position:	2000	ms
Threshold of end switch recognition:	232	mA
Number of steps for fine tuning adjustment:	8	
Motion time for fine tuning adjustment:	200	ms

At the bottom of the dialog, there are two buttons: "Save" and "Cancel".

## Improvements in V1.10.3

- General improvements and error corrections
- Fixed a problem in the Energy graph where the visualized energy consumption balloon tip didn't show the name of the events (e.g. Fire, Panic, etc.).
- Fixed a problem on the dSS11-E where the digitalSTROM Server could no longer be accessed after restoring a backup file.
- Fixed a problem where the automatic controller selection in the Heating Controller Server App did not work in certain conditions and a room operation mode had to be set manually.
- Fixed a problem where the UMR input set to sensor could not be assigned to user groups.

## Software Update Recommendation

Updating to the latest version of the software is recommended if you want to benefit from the new features and/or enhancements.

## Documentation

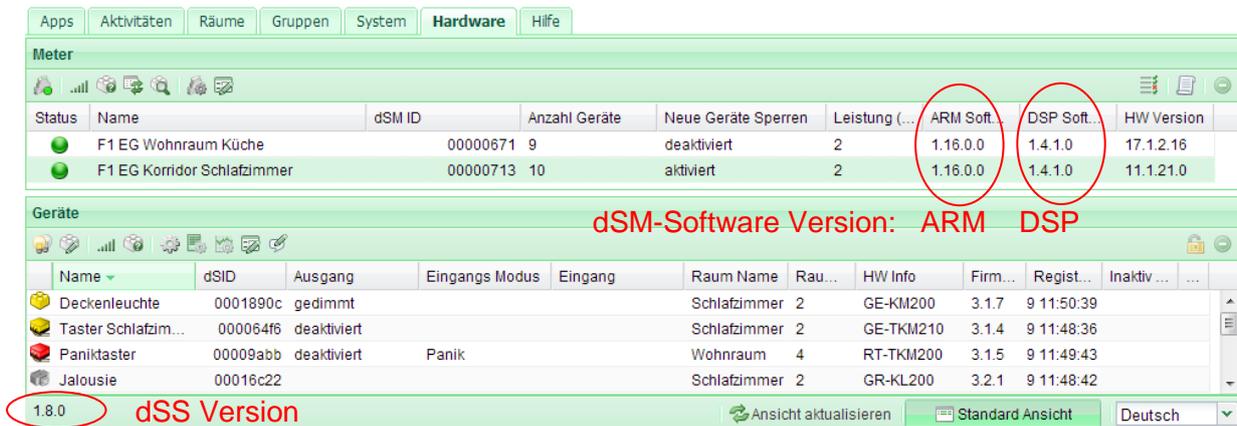
Further information about the new features and how to use them can be found in the latest digitalSTROM Manual under "Introduction, Operation, Configuration" and "Installation".

The latest version of the manual can be downloaded as PDF at

<http://www.digitalstrom.com/en/Partner/Support/Operating-manuals/>.

## How to find the version information

The currently installed software version can be found within the digitalSTROM Configurator.



The screenshot shows the digitalSTROM Configurator interface. At the top, there are navigation tabs: Apps, Aktivitäten, Räume, Gruppen, System, Hardware, and Hilfe. Below this is a 'Meter' section with a table of installed devices. The table has columns for Status, Name, dSM ID, Anzahl Geräte, Neue Geräte Sperren, Leistung (...), ARM Soft., DSP Soft., and HW Version. Two rows are visible, with the 'ARM Soft.' and 'DSP Soft.' columns circled in red. Below the table is a 'Geräte' section with a red text overlay: 'dSM-Software Version: ARM DSP'. Below this is another table with columns for Name, dSID, Ausgang, Eingangs Modus, Eingang, Raum Name, Rau..., HW Info, Firm..., Regist..., and Inaktiv... The '1.8.0' version number is circled in red. At the bottom, there is a 'dSS Version' label with '1.8.0' next to it, also circled in red. Other interface elements include 'Ansicht aktualisieren', 'Standard Ansicht', and a language dropdown set to 'Deutsch'.

Status	Name	dSM ID	Anzahl Geräte	Neue Geräte Sperren	Leistung (...)	ARM Soft.	DSP Soft.	HW Version
●	F1 EG Wohnraum Küche	00000671	9	deaktiviert	2	1.16.0.0	1.4.1.0	17.1.2.16
●	F1 EG Korridor Schlafzimmer	00000713	10	aktiviert	2	1.16.0.0	1.4.1.0	11.1.21.0

Name	dSID	Ausgang	Eingangs Modus	Eingang	Raum Name	Rau...	HW Info	Firm...	Regist...	Inaktiv ...	...
Deckenleuchte	0001890c	gedimmt			Schlafzimmer	2	GE-KM200	3.1.7	9 11:50:39		
Taster Schlafzim...	000064f6	deaktiviert			Schlafzimmer	2	GE-TKM210	3.1.4	9 11:48:36		
Paniktaster	00009abb	deaktiviert	Panik		Wohnraum	4	RT-TKM200	3.1.5	9 11:49:43		
Jalousie	00016c22				Schlafzimmer	2	GR-KL200	3.2.1	9 11:48:42		

Fig. 1: Version number for dSS and dSM