

Software Release Notes

dSS V1.9.2

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

Document-Number	SRN-1502
Date/Version	25.02.2015 / v1.0

Affected Products

Product	Software Description	New Version	Where to find the version info	Release date
digitalSTROM Server dSS11/dSS11E	dSS Version	1.9.2	In the dS Configurator (Figure 1)	25.02.2015
digitalSTROM-Meter dSM11/12	ARM Software Version DSP Software Version	1.21.0.0 1.6.0.0	In the dS Configurator (Figure 1)	25.02.2015

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 V1.9.2

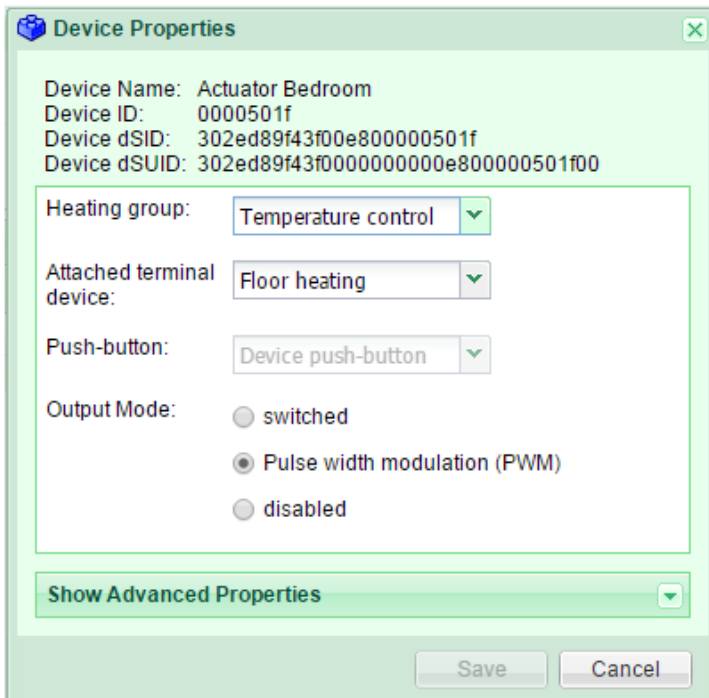
Support for additional digitalSTROM-Server

With the new option “Enable support for additional digitalSTROM-Server “ the digitalSTROM-Server acts as a gateway between your digitalSTROM hardware and an additional digitalSTROM-Server such as the dSS11-E. If this option is enabled, all tabs except for 'System' and 'Help' are hidden and the my.digitalSTROM connection gets disconnected.

New functions in V1.9.0 and V1.9.1

New group Heating and Temperature control

Two new groups have been introduced for heating: “Heating” and “Temperature control”. With the “Heating” group the devices can be controlled over scene calls. On the other hand the temperature control group can be used to control the devices over the room based controller. Within “Edit device properties” the desired group for the digitalSTROM climate terminal block can be selected.



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

- Device Name: Actuator Bedroom
- Device ID: 0000501f
- Device dSID: 302ed89f43f00e800000501f
- Device dSUID: 302ed89f43f000000000e800000501f00

Below this information are four configuration sections:

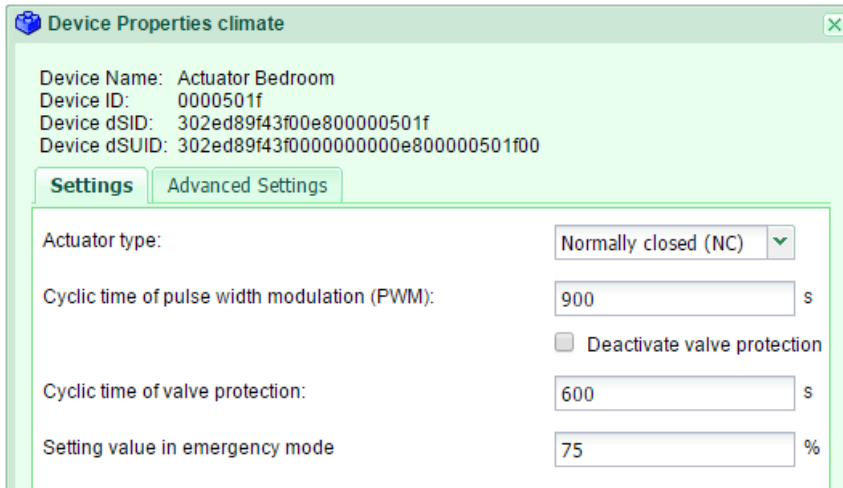
- Heating group:** A dropdown menu currently set to "Temperature control".
- Attached terminal device:** A dropdown menu currently set to "Floor heating".
- Push-button:** A dropdown menu currently set to "Device push-button".
- Output Mode:** Three radio button options: "switched", "Pulse width modulation (PWM)" (which is selected), and "disabled".

At the bottom of the dialog is a "Show Advanced Properties" button with a dropdown arrow. At the very bottom are "Save" and "Cancel" buttons.

Device properties extended for climate

A new dialog „Device properties climate“ has been added to be used for the configuration of heating.

There the default settings of digitalSTROM climate terminal block can be changed and the advanced settings as well.



Device Properties climate

Device Name: Actuator Bedroom
 Device ID: 0000501f
 Device dSID: 302ed89f43f00e800000501f
 Device dSUID: 302ed89f43f000000000e800000501f00

Settings | Advanced Settings

Actuator type: Normally closed (NC) ▾

Cyclic time of pulse width modulation (PWM): 900 s

Deactivate valve protection

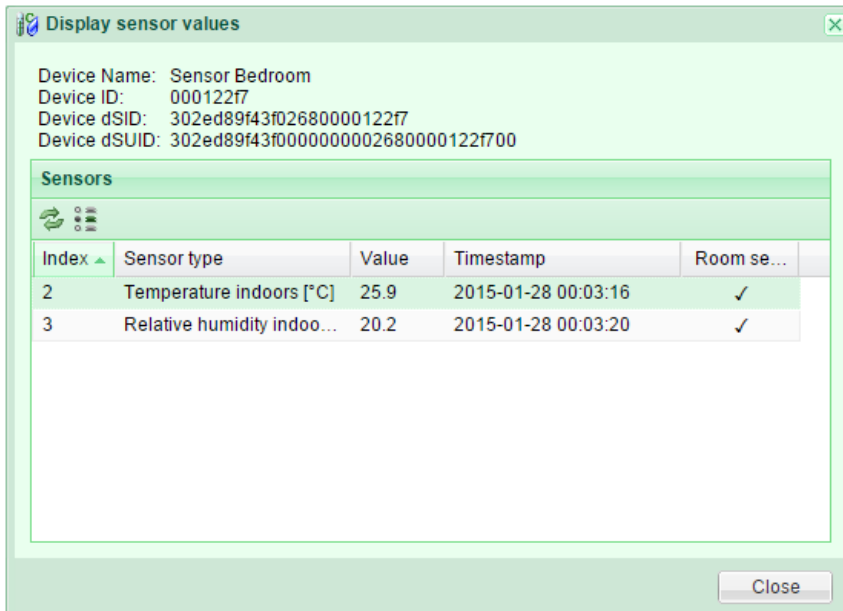
Cyclic time of valve protection: 600 s

Setting value in emergency mode: 75 %

Display sensor values

A new dialog „Display sensor values“ has been added to display the actual sensor values.

It can also be used to select which sensor is to be defined as a room sensor.



Display sensor values

Device Name: Sensor Bedroom
 Device ID: 000122f7
 Device dSID: 302ed89f43f02680000122f7
 Device dSUID: 302ed89f43f0000000002680000122f700

Sensors

Index	Sensor type	Value	Timestamp	Room se...
2	Temperature indoors [°C]	25.9	2015-01-28 00:03:16	✓
3	Relative humidity indoo...	20.2	2015-01-28 00:03:20	✓

Close

Integration of EnOcean actuators and sensors over P44-gateway

EnOcean devices such as actuators and sensors can be integrated over a P44-gateway into the digitalSTROM system. This was made possible by the introduction of the concept of virtual dSMs and virtual devices (vDCs). An extension of the device number logic (dSUID) was performed.

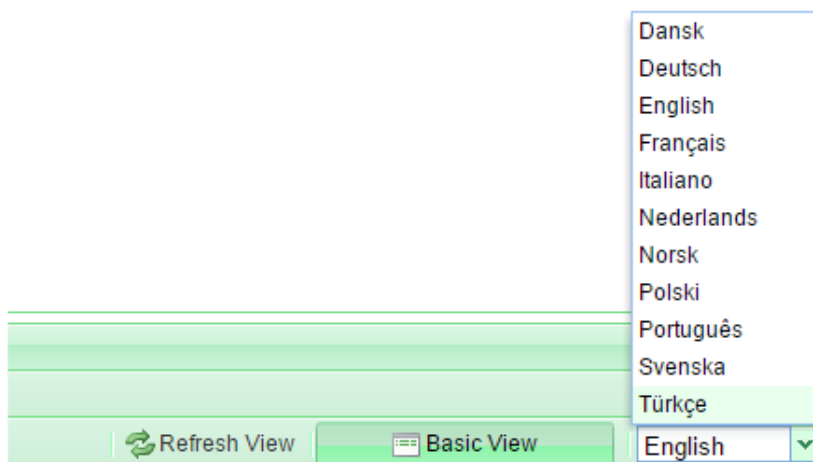
Heating Controller App

The digitalSTROM heating control is a room based concept such that every single room can be controlled individually.

The Heating Controller can be used over the tab Apps in the digitalSTROM configurator. The configuration consists of selecting the type of heating controller, the settings for each room, apartment and house and of defining the time profiles.

Supporting Danish, Italian, Norwegian, Portuguese and Swedish languages

The digitalSTROM configurator is supporting Danish, Italian, Norwegian, Portuguese and Swedish languages. The language settings can be changed in the status bar in the lower right corner of the configurators user interface. Afterwards all server apps are automatically shown in the selected language.



Hardware Info

Under the hardware tab a new column “HW Info” has been added. This will be helpful for distinguishing the different hardware versions.

ARM Softw...	DSP Softw...	HW Version	HW Info
1.21.0.0	1.6.0.0	11.1.21.0	dSM11
1.21.0.0	1.6.0.0	12.1.1.0	dSM12

Improvements in V1.9.1

- General improvements and error corrections
- Improved the communication over power line
- Device properties for GE-TKM220 und GE-TKM230 can be edited again

Improvements in V1.9.2

- General improvements and error corrections
- Support for Universal Module 1-10V (GE-UMV200)

Bidgely will discontinue support for digitalSTROM

Registered Bidgely customers were informed on January 20, 2015 that Bidgely will not accept new consumer signups on their web site after January 31 and that the support for digitalSTROM discontinued. Existing accounts will still work.

We recommend to save all the necessary data and uninstall the Server App. Reinstalling the Server App will not be possible.

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

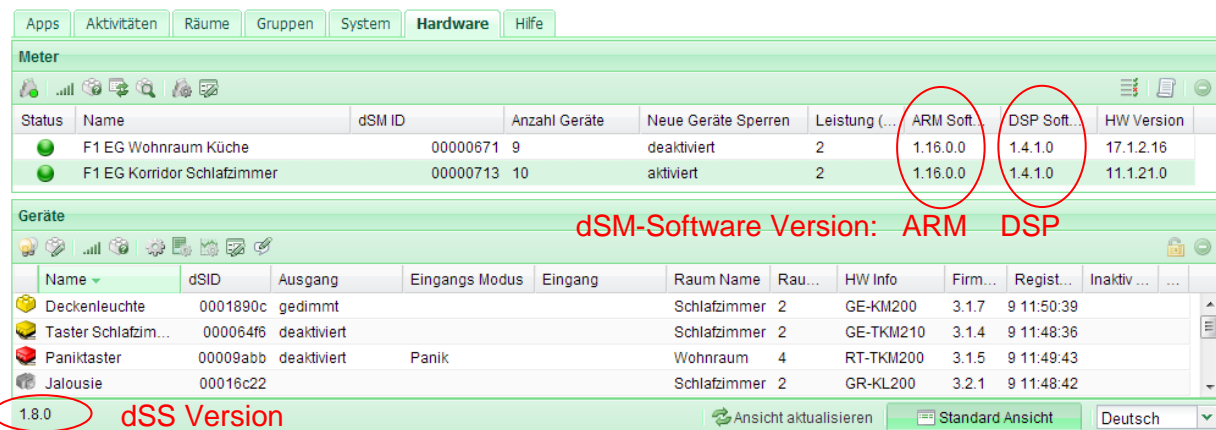
Further information about the new features and how to use them can be found in the latest digitalSTROM Manual under "Introduction, Operation, Configuration" and "Installation".

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 banner that reads '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 in the bottom left corner of the interface.

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