Release Note

Schneider Electric

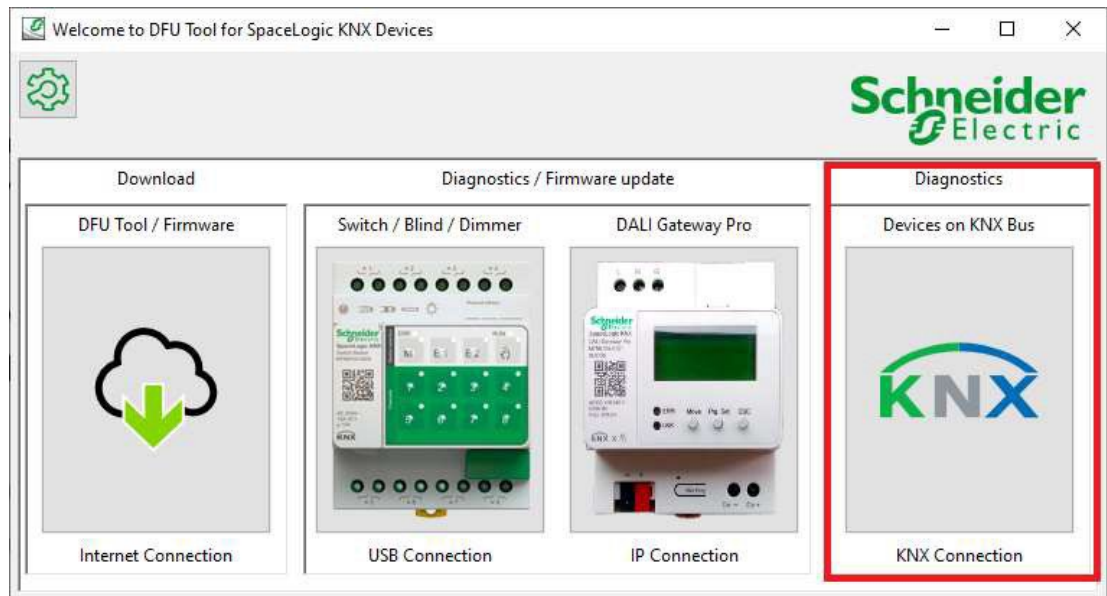**Release notes SpaceLogic DFU tool - Firmware archive 00.42**

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09 2023

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SpaceLogic KNX devices diagnostic via KNX

FW package details

Space_Logic_KNX_DFU_Firmware_00_424.zip
SpaceLogic_KNX_DFU 00_34.cms:

- SpaceLogic Universal Switch actuator
  - OM08RLYR_B_12_14_00.hex => no update
  - OE08RLYR_B_12_12_01.hex => no update
- SpaceLogic Universal Dimming actuator
  - OM02DIMR_B_03_12_00.hex => no update
  - OE02DIMR_B_03_11_00.hex => no update
  - O02DIMCORE_B_00_03_09.hex => no update
- SpaceLogic KNX DALI Gateway
  - SEDCPro_V2.0.2_partial.bin=> updated
  - SEDCPro_V2.0.2_unconditional.bin=> updated

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○ # SpaceLogic Universal Switch actuator

BugFixes:

- Blind / shutter functionality: Slat Feedback is not sent in specific situation
- Blind / shutter functionality: Device not accept the command during driving up
- Bootloader version separate reading for diagnostic information

SpaceLogic Universal Dimming actuator

BugFixes:

- Fast OFF line / ON Line of Dimmer core create malfunction caused by impossibility to detect load
- Bootloader version separate reading for diagnostic information
- HW key identification and detection for diagnostic information
- + bugs linked to Switch actuator (dimmer include switch actuator FW too)

DALI Gateway Pro

Firmware 2.0.2, Hardware Revision A (2023-08-16)

Hardware Revision: A
Firmware Version: 2.0.2
Secure Stack IP: 2.2.0

Improvements:
- For Input Devices Type 303: Occupancy sensor only Movement Events are detected. There are new sensors in the market, not based on movement but on sound or camera, which are generation presence events instead of movement → optimized, firmware now handles presence event in the same way as movement event.
- There are input devices with internal application controller. In our system only one application controller is allowed. In order to avoid inconsistencies, we deactivate the application controller on New and Post Installation.
- Optimization on New and Post installation: If there is a defective ballast in the DALI line, which is not accepting the programmed short address, gateway is trying to program it until time out is stopping the process → optimized, after two not successful attempts the "WITHDRAW" command is send and process continues with the next ballast.
- MQTT: online notification of "operating hour exceeded alarm" is part of statistics topic.

Bugfixes:
- Problem: For Colour Control with DT-6 Scenes are not working → corrected
- Problem: Generic Input Device type Sound is internally calculated with a wrong datapoint type. Therefore output value is wrong. → corrected
- Problem if Parameter "Behavior on Enable" = "Switch to state received during disable" is selected: If no object is received during disable after enable last value should be adjusted. This is not happening. → corrected, function is also correct when no object is received.
- Problem: Test of Actions in Scenes with Colour is not working if no template is active → corrected test of Scene Actions is working always
- MQTT: online notification of operating hour alarm of single ECGs does not work: corrected.
- MQTT: malformed json constructs for commands can cause non-working MQTT interface: corrected.
- Web-UI MQTT: checkbox for TLS is always checked by default: corrected.
- Web-UI MQTT: checkbox for RETAINED is always unchecked by default: corrected.
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Security:
Impact:

Release notes SpaceLogic DFU tool – Firmware archive 00.42

DCA 2.0.1.0 (2023-08-16)

Improvement:

Input Devices Diagnose panel added.

Bug Fix:

None

Firmware 2.0.1, Hardware Revision A (2023-06-01)

Hardware Revision: A
Firmware Version: 2.0.0
Secure Stack IP: 2.2.0

Improvements:

BugFixes:
- Dali New Installation directly after DALI shortcut does not work properly: fixed
  - See Annex1
- Object Brightness Setpoint Light Sensor shows always ETS value after reset even if value was changed by object. → corrected, if value was changed by object, it has the correct value after reset
- Hysteresis Values for Light Control were not correct → corrected
- If Light Control is used without movement detector (only light sensor) the ETS parameter delay time for measuring artificial light is missing. Depending on the previous memory content the delay time is undefined or can have a non-reasonable value. In order to avoid a new ETS (with registration process) we set delay time always to 6 seconds in this case.

Security:
Impact:

Release notes SpaceLogic DFU tool – Firmware archive 00.42

<u>Firmware 2.0.0, Hardware Revision A (2023-05-17)</u>

Hardware Revision: A
Firmware Version: 2.0.0
Secure Stack IP: 2.2.0

New Features: see application description

- Call scenes and effect from time control module
- New- and Post Installation directly into groups or if short address is externally configured
- Reading the GTIN number of ECGs and input devices for easy identification
- New IoT Interface: API/MQTT
- Webaccess limitation to 1 user and 1 admin account
- Adjustable Soft-Start-Behaviour
- Enhanced concept for "virtual input devices" allows assignment of several instances
- Extended functionality of the motion detector with 2-point light control
- DALI2 push-buttons are supported as input devices with numerous KNX functions.
- Generic Type DALI2-Input Devices are supported for various physical sensors
- Internal linking of input devices directly with DALI groups
- Support of Energy Reporing according DALI Part 252.

Improvements:

BugFixes:

Security:
Impact:

Release notes SpaceLogic DFU tool - Firmware archive 00.42

DCA 2.0.0.0 (2023-04-27)

New Features: see application description
Improvements:
- Support of different input devices such as push button and generic inputs

BugFixes:

Impact:
- The DCA V2 is not compatible with previous DCA V1 and neither with firmware version V1.x
- ETS Application Version 2. will be supported.

ETS 2.0.0.0 (2023-04-26)

New Features: see application description
Improvements:
- Add parameter and objects according new input device concept

BugFixes:

Impact:
- The ETS V2 is not compatible with previous ETS V1 and neither with firmware version V1.x

    - umber of API/MQTT: 1