

SpaceLogic C-Bus Commission Version 2.16.0 Release Notes

SpaceLogic C-Bus

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What's New

Full Programming Support for the New C-Bus Solis C eDLT and Wall Plate (Key Input Unit) Devices

The following new C-Bus devices can be programmed in the C-Bus Commission software:

- Solis C eDLT – 5015EDL series (KEYGL5).
- Solis C 1 Button Wall Plate (Key Input Unit) – 5011 series (KEYS1A).
- Solis C 2 Button Wall Plate (Key Input Unit) – 5012 series (KEYS2A).
- Solis C 3 Button Wall Plate (Key Input Unit) – 5013 series (KEYS3A).
- Solis C 4 Button Wall Plate (Key Input Unit) – 5014 series (KEYS4A).

The device programming capabilities, workflows, features and functions are the same as the equivalent Saturn / Saturn Zen devices already supported by C-Bus Commission.

Older eDLT devices (v1.x or v5.x) in your project can be converted to the new Solis C eDLT using the *Convert Unit* feature.

Older generation Saturn and Saturn Zen Wall Plate (Key Input Unit) devices in your project can be converted to the new Solis C Wall Plate (Key Input Unit) devices using the *Convert Unit* feature (latest firmware v2.5 is supported only).

The new default firmware versions are:

- Solis C eDLT – version 2.1.
- Solis C Wall Plate (Key Input Unit) – version 1.4.
- The above versions are the default versions when adding a new device from the Library.
- The Firmware Updater includes the latest firmware version packages.

C-Bus DALI Commissioning Improvements

This release includes various improvements and new functionality for commissioning a C-Bus DALI-2 lighting solution, focussing on the following common/core activities:

- DALI Line scanning.
- Identifying, addressing and reconciling DALI devices on the Line.
- Assigning DALI Group Memberships to DALI devices on the Line.
- Swapping DALI devices.
- Resetting a selection of multiple DALI devices at once.
- C-Bus DALI Gateway Quick Group Setup for C-Bus to DALI mapping.

The essence of the changes aims to improve the experience and reduce the time and effort to complete the commissioning activities for the DALI Lines of a C-Bus DALI-2 Gateway. The top three items listed above representing the core tasks deliver a reduction of up to ~47% (~50 mins) compared to the previous version of C-Bus Commission v2.15.0 (timing is based on a factory reset C-Bus DALI-2 Gateway and unaddressed DALI devices).

DALI Line Scanning

Dedicated scan buttons are presented to complete a DALI scan for the task at hand.

- DALI Fast Scan
 - Scan the DALI line to read a subset of DALI device information such as the short address, device type and DALI Group Membership properties. This scan includes DALI device discovery and addressing of any unaddressed devices found.
 - Use this scan to view and validate DALI devices on the DALI Line or when making minimal device programming changes only. Note: additional on-demand scanning will be performed during certain activities such as loading of a DALI device into the *Properties* window, reconciling a DALI device or using the *Edit DALI Devices* feature to edit multiple devices at once.
- DALI Full Scan
 - Scan the DALI line to read all DALI device information such as the short address, device type, DALI Group Memberships, and other properties, including GTINs and Serials. This scan includes DALI device discovery and addressing of any unaddressed devices found.
 - Use this scan to work with all devices on the DALI Line without any on-demand scanning during loading of a DALI device into the *Properties* window, reconciling a DALI device or using the *Edit DALI Devices* feature to edit multiple devices at once.
 - If a DALI Fast Scan has already been completed, this scan will act as a top up scan only.
- The new DALI scans have been optimised to improve speed and deliver progressive real-time scan results during the scan.
- A new Both Lines option is now available.
 - The new DALI scans also offer an option to scan both DALI Lines in parallel, resulting in less clicks and an overall time to complete scanning far less than completing each DALI Line scan separately.

Identifying, Addressing and Reconciling DALI devices on the Line

The *Identify and Reconcile Line Devices* window has been redesigned offering a more intuitive grid layout of short addresses, and new functionality to make the process familiar and faster to complete.

- Grid layout
 - 8 x 8 layout of short addresses.
 - Use of colour to display and highlight device types, device reconciled status and device fault status.
- Identify options
 - Identify options for the selected device now also include Flash MAX/OFF and MAX/MIN methods.
 - New Identify options have been added to define the behaviour of the remaining devices on the DALI Line.
- Workflow
 - New workflow – Identify a device (short address), then click the *Reconcile* button, then select a target short address, then click the *Reconcile with Target Address* button.
 - Address selection possible using keyboard arrow and Enter keys or mouse clicks.
 - Swap device functionality supported.
 - Unreconcile functionality supported.

Assigning DALI Group Memberships to DALI devices on the Line

A new pop-up window has been added to rapidly assign DALI Group Memberships to DALI devices on the DALI Line.

- The new option can be found in the right-click context menu of a DALI Line the *DALI Devices* workspace – Assign DALI Group Memberships.
 - Available in both the *Devices in Project* section and *Line Devices* section.
- Checkboxes can be selected individually or using the SHIFT + mouse click method for rapid range selection (horizontally and vertically, and once the anchor point has been set).
- A convenient Select All checkbox is available to assign or unassign a DALI Group to all listed devices.

Note:

- Device selection is not required, as the feature covers the entire DALI Line.
- The workflow to save changes is the same as the Edit DALI Devices window, i.e.:
 - When the window is launched from the *Devices in Project* section, changes are saved back to the Project
 - When the window is launched from the *Line Devices* section, then changes are saved back to the DALI Line and for any Reconciled devices, also back to the Project.

Swapping DALI devices

The *Swap Devices* function is now available to swap two DALI devices at two selected short addresses.

- The new option can be found in the right-click context menu of a DALI Line in the *DALI Devices* workspace – Swap Devices.
 - Available in both the *Devices in Project* section and *Line Devices* section.

Note: For Line Devices only, after the Swap Devices is completed the C-Bus Mapped Group for the two devices are retained against the original device Object IDs (i.e. not swapped). This behaviour is also apparent when manually readdressing a DALI device with a mapped C-Bus group on the DALI Line.

The Readdress feature now includes the device type alongside the address, and also includes occupied addresses in the list. It is now possible to select an occupied address when Readdressing a DALI device. The Swap Devices function is used to complete the task in this instance.

Note:

- It is not possible to select a Reconciled device as the target address when Readdressing a DALI device.
- It is not possible to Readdress a Reconciled device.

Resetting a selection of multiple DALI devices at once

The *Reset* feature already available for a DALI device in *Line Devices* section (right-click context menu), also supports the selection of multiple devices. This means that it is possible to Reset the configuration of one single device or multiple selected devices in one action.

C-Bus DALI Gateway Quick Group Setup for C-Bus to DALI mapping

The C-Bus DALI-2 Gateway now supports a Quick Group Setup feature to rapidly define C-Bus Groups to map to various DALI actions for DALI Line A and DALI Line B to achieve control of DALI from C-Bus.

- The new button can be found in *Configuration* section of the *Main* tab of the C-Bus DALI-2 Gateway loaded in the *Properties* window.
- The new pop-up window displays properties to quickly select a starting C-Bus Group to assign/map for the:
 - Broadcast Brightness Group.
 - DALI Group 1 to 16 Brightness Groups.
 - Virtual Group 1 to 16 Brightness Groups.
 - Broadcast Scene Trigger Group & Action Selectors
- An checkbox option is included to opt in or opt out of each action.
- C-Bus Groups and Action Selectors are created using predefined names if they do not exist in the project.

EDLT New Features and Improvements

Loading and Deployment Optimisations

The eDLT now contains options to save either the *Entire Device* or *Changes Only*, as well as opting in or out of deploying Labels. These options are found at the bottom of the *Properties* window near the *Save/Cancel* buttons. The behaviour is like C-Bus Toolkit with the intent to save unnecessary deployment time to the live network.

Optimisations have also been incorporated into the workflow to minimise time loading a live network eDLT into the *Properties* window that is a matched state (i.e. device exists in the project, *Exists in Project* = Yes), whereby project data is used instead of reading the live network data when there is no difference in programming.

New Controller Widget

A new widget has been added to the *Widget Type* list for the eDLT, called *Controller Widget*. This new widget offers I/O logic-based control with C-Bus Controllers enabling new and simpler system solution outcomes.

Custom Label Creation

Creating a custom label is no longer dependent on clicking the *Enter* key. The behaviour is now consistent with other properties across the software where clicking elsewhere also saves the value (in addition to clicking the *Enter* key).

View the Dynamic Label Storage of a live network eDLT

The software now offers the ability to check the Dynamic Label storage for a live network eDLT. This may help resolve issues where Dynamic Labels are not correctly displayed after deployment (eDLT is out of memory).

The new button can be found in *General* tab of the eDLT *Edit Keys* window.

New default Firmware version and firmware package

The new firmware version 2.1 is the default version when adding a new eDLT device from the Library.

The Firmware Updater in the *Settings* menu includes the latest eDLT v2.1 firmware version package, which addresses a push-button dimming issue with eDLT when used with the C-Bus DALI-2 Gateway.

Global Programming wizards

A new range of wizards have been added to the C-Bus Global Programming feature, including:

- eDLT Screen options.
- Key Input Unit Style & Colours (old generation devices).
- Key Input Unit Options (old generation devices).
- Key Input Unit Colours & Options (new generation devices).
- Dimmer Power Recovery.
- Relay Power Recovery.
- Synchronise Slave Fan Controllers.

Note:

- Global Programming wizards can be run on C-Bus project devices only.
- Global Programming wizards can only program C-Bus devices that are fully programmable in the C-Bus Commission software (i.e. all properties displayed in the *Properties* window).

Edit a C-Bus Device Directly from the Application Log Workspace

The ability to edit the properties of a C-Bus device directly from the Application Log workspace is now possible. Simply double-click the event in the log (or select the *Load Properties* option from the right-click context menu of the event) to load the properties of the device that created the log event into the *Properties* window.

Note:

- This operation will load the device properties of the device from the live network.
- The workflow for saving the device from the *Properties* window is the same as the *C-Bus Devices* workspace.

Live C-Bus Network Diagnostics

C-Bus Commission now includes a *Network Diagnostics* feature, which like C-Bus Toolkit, queries the live C-Bus network gathering device status and other basic settings.

- The feature includes an *Export* button to capture the results and save the information to a CSV file.
- The new button can be found in the button bar of the *Network Devices* section of the *C-Bus Devices* workspace.

Reinstall a C-Bus Device

C-Bus Commission now includes the *Reinstall* feature, which like C-Bus Toolkit, a live network device at address 255 can be seamlessly replaced, by readdressing it to match the Project device and automatically deploying programming to it.

Note:

- Only compatible devices (like for like Unit Type and firmware version) can be Reinstalled.

Auto-Identify a C-Bus Device

A new Auto-Identify feature has been introduced into the software to identify a C-Bus device on the live network. When triggered from software, the Unit or Key indicators of a C-Bus device will flash rapidly and randomly which allows for easy device location and less device hunting onsite.

- The new button can be found in the button bar of the *Network Devices* section of the *C-Bus Devices* workspace.
- When the Identify mode is activated, simply select a C-Bus from the live network list (only one device at a time).
- Device selection is possible using keyboard up/down arrows or mouse clicks.
- Most C-Bus devices support this new feature (not all).
- An unprogrammed (factory reset) C-Bus eDLT displayed as firmware version 1.x or version 5.x will not respond to this feature. Program the live network eDLT prior to performing the Identify feature.

Copy and Paste a C-Bus Lighting Application into the Same Network

A C-Bus Lighting application can now be copied and pasted for a network in the Project. Duplicate existing application configurations with ease.

Upon pasting a C-Bus application, a window is displayed to select a new target Application Address prior to the paste operation being completed.

Other Improvements and Updates

Device View Filters (C-Bus Devices Workspace)

Colours have been added to the *Output* and *Input* filter options to help highlight when these filters are active, with blue (Output) and green (Input) colours appearing in the Device View Filter property and within the *Unit Type* column for each device.

An improvement has also been introduced to retain a device that is loaded into the *Properties* window when changing between compatible Device View filter options that list the device in the workspace (i.e. is no longer cleared).

Saturn & Saturn Zen Wall Plate (Key Input Unit) devices – New default Firmware version and firmware package

The new firmware version 1.4 is the default version when adding a new Saturn or Saturn Zen Wall Plate (Key Input Unit) device from the Library.

The Firmware Updater in the *Settings* menu includes the latest Saturn & Saturn Zen Wall Plate (Key Input Unit) v1.4 firmware version package.

Fixes

- Fixed an issue where upgrading the firmware of a C-Bus Relay may fail. (SW- 9425)
- Fixed an issue when converting an eDLT firmware v1.8 to v2.x where a Multi-Level widget contains an incorrect label. (HULKPR-77)
- After configuring and deploying a C-Bus eDLT v2.0 device which contains a Page widget with the Dynamic Label or Logo widget type, the Dynamic Label or Graphic label does not appear on the eDLT. This occurs for the first time deployment only to a factory reset device (the *Please program this unit* message is displayed on the screen). Note, this is a fix within the new eDLT firmware v2.1. (SW-8960)
- After configuring and deploying a C-Bus eDLT v2.0 device which contains a Scene widget with a Scene Select function, the *Hold to Set Scene* message is displayed across all Scene widgets on that page only. Note, this is a fix within the new eDLT firmware v2.1. (SW-9429)
- In some instances, after loading the properties of a live network C-Bus eDLT v2.0 into the *Properties* window, the Save/Cancel buttons in the *Properties* window appear illuminated, which indicate a change in the values of properties (default value errors). Note, this is a fix within the new eDLT firmware v2.1. (SW-9625)

Known Issues

- C-Bus Groups created and assigned to DALI actions within the C-Bus DALI-2 Gateway *Quick Group Setup* window are currently not cross-checked against any C-Bus Groups already mapped in the C-Bus DALI-2 Gateway or mapped in DALI devices for DALI Line A and DALI Line B (future improvement). Workaround: Review the C-Bus DALI-2 Gateway mapping to ensure there are no reused C-Bus groups mapped across properties (displayed as validation errors).
- In use cases where after loading a factory default C-Bus Solis C eDLT v2.0 or v2.1 from the live network into the *Properties* window, the Save/Cancel buttons in the *Properties* window appear illuminated. There is no workaround, simply proceed with the programming of the eDLT device and click the Save button. (SW-10573)
- In use cases where multi-word Static Text labels are used for both the Function Label and the Status Label, the label appears spread across both properties and it is difficult to achieve the desired labelling outcome. Workaround: Create a single word custom for each property, then edit the custom labels to define the multi-word labels desired. (ECQI-18, HULKPR-80, SW-10532)
- For the eDLT, changing from a single page to a multi-page configuration does not relocate an assigned widget in Key 5 on Page 1 to Key 1 on Page 2. (SW-9443, SW-9483)
- For the eDLT, it is not possible to assign a Page widget to Key 5 on a single page configuration nor retain a Page widget when changing from a multi-page configuration to a single page. (SW-9682, SW-9719)
- Loading a bitmap that is different to the resolution of the current Graphic Label will stretch the bitmap to fit. Workaround: Create a bitmap to the defined resolution for the Graphic Label. (SW-9538)
- In some instances, a slight delay may be observed when saving any changes within the *Dynamic Label Editor* window from the *Edit Keys* window for the eDLT v2.0 device. This issue may also be seen in *Properties* window in the Application workspace. (SW-8820)
- In some instances when upgrading the firmware of new generation C-Bus devices, the process may fail resulting in a device remaining in boot loader mode. Workaround: Remove and reattach the USB cable or power cycle the device, then refresh the list in the Firmware Updater window and continue the process for the device from its boot loader mode or restart its upgrade process.

- For the supported Sensor devices (5753L, 5754ODPE, 5751L and 5750WPL) and Mechanism devices (5031NMML and 5041NMML), where Keys are complementary and one of the complementary keys is changed to “Scene”, then the Block properties of the other Key will reset to default values. (SW-8146, SW-8144)
- In some instances when working with both C-Bus Commission and C-Bus Toolkit at the same time, duplicate lighting groups may be created which can be seen in C-Bus Toolkit (Error dialog displayed) but are not visible in C-Bus Commission. (SW-4304)
- For the C-Bus DALI-2 Gateway, the assigned C-Bus applications (1 to 4) may not appear in the Network Devices (live) section for the device. The application assignments exist however and can be viewed when the live network device is loaded into the *Properties* window, or Extracted to the project and then loaded and viewed in the *Properties* window. (SW-4135)
- If the *Properties* window is relocated to the main workspace, after selecting a device in the Workspace tab, switching to the Properties tab occasionally clears the *Properties* window. (SW-6995, SW-9512)
- The SpaceLogic C-Bus Commission software is not compatible with and cannot be installed onto Windows based PCs running ARM processors. Only Intel based processors are supported (per System Requirements). No workaround exists at this time.
- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.

C-Gate 3.9.0

- This release includes C-Gate 3.9.0. For further details, refer to the C-Gate release notes later in this document.

C-Gate 3.9.0

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What's New

C-Bus eDLT and Solis EDLT

Supports firmware version 2.1.0 for Saturn, Saturn Zen and Solis C EDLT:

- 5085EDLB (KEYGL5)
- R5045EDL (KEYGL5)
- R5045EDLW (KEYGL5)
- 5015EDLBB (KEYGL5)
- 5015EDLEA (KEYGL5)
- 5015EDLPT (KEYGL5)
- 5015EDLWA (KEYGL5)

Conversion from firmware version 1.x to 2.x is also supported.

C-Bus Solis C Key Input Units

Supports firmware version 1.4.0 for C-Bus Solis C Key Input Units:

- 5011BB - KEYS1A
- 5011EA - KEYS1A
- 5011PT - KEYS1A
- 5011WA - KEYS1A
- 5012BB - KEYS2A
- 5012EA - KEYS2A
- 5012PT - KEYS2A
- 5012WA - KEYS2A
- 5013BB - KEYS3A
- 5013EA - KEYS3A
- 5013PT - KEYS3A
- 5013WA - KEYS3A
- 5014BB - KEYS4A
- 5014EA - KEYS4A
- 5014PT - KEYS4A
- 5014WA - KEYS4A

Conversion from old generation Saturn & Saturn Zen Key Input Unit to Solis C Key Input Unit is also supported.

C-Bus Automation Controllers

Supports firmware version 2.6.0 for C-Bus Automation Controllers:

- 5500NAC2 (SYS_NAC2)
- 5500AC2 (SYS_AC2)

SpaceLogic C-Bus Commission 2.15.0

Released

July 2026*

What's New

Full Programming Support for the C-Bus eDLT with New eDLT Firmware v2.0

The following C-Bus eDLT devices can now be fully programmed in the C-Bus Commission software:

- Saturn eDLT – 5085EDL series (KEYGL5).
- Saturn Zen eDLT – R5045EDL series (KEYGL5).
- The latest eDLT firmware v2.0 is supported only.

The eDLT workflow is based on a subset of properties displayed in the *Properties* window with a dedicated *Edit Keys* configuration window to program widgets, assign widgets to keys and other key settings.

- The *Edit Keys* window introduces a new visual based layout for widgets and keys, with a display preview for all pages with drag and drop capabilities to assign widgets to keys, as well as reassign widgets across keys and pages. Pages can be rearranged too!

The Firmware Updater in the *Settings* menu includes the latest new eDLT v2.0 firmware package.

- Only hardware version 3.0 eDLTs can be upgraded to the new firmware v2.0 (the hardware version of the eDLT can be checked from the *Unit Information* page in the *Tools* menu on the device and is also displayed in the Firmware Updater for a connected eDLT device).
- Upgrading a physical eDLT device will reset its programming back to factory default settings (if the prior programming is needed, please ensure you have a project backup or a unit template saved before upgrading the firmware).

Any existing eDLT in your project can be converted to the new eDLT v2.0 device using the *Convert Unit* feature.

The new firmware v2.0 includes many new features which are based on the new generation SpaceLogic Saturn and Saturn Zen Key Input Units – Profiles, Sequences, and more, plus support for 32 widgets and new widget types too!

Note:

- For this release, the deployment activity is performed for the entire device. The options to deploy Changes Only and DLT Labels are planned for the next release of software.
- Like other popup windows in C-Bus Commission launched from the *Properties* window clicking OK will retain any changes made to the current *Properties* window session data. The workflow is unchanged where clicking the *Save* button in the *Properties* window is still required to save any changes to the project and/or network device.

Full Programming Support for Five Additional C-Bus Devices

The following C-Bus devices can now be fully programmed in the C-Bus Commission software:

- 4-Channel Auxiliary Input Unit – L5504AUX (BCI4A).
- 4-Channel Bus Coupler – 5104BCL (BCN4B).
- 2-Channel Bus Coupler – 5102BCLEDL (BCN2B).
- Ceiling Sweep Fan Controller – L5501RFCP (RELD1).
- 8-Channel Extra Low Voltage Relay – L5108RELVP (RELSM8).

The latest firmware version for each device is supported only.

- L5504AUX 4-Channel Auxiliary Input Unit – v2.3.0.
- 5104BCL 4-Channel Bus Coupler – v2.3.0.
- 5102BCLEDL 2-Channel Bus Coupler – v2.3.0.
- L5501RFCP Ceiling Sweep Fan Controller – v2.6.0.
- L5108RELVP 8-Channel Extra Low Voltage Relay – v2.7.0.

A small subset of properties are displayed in the *Properties* window for basic device configuration.

An *Edit Device* button is displayed in the *Properties* window to launch a dedicated configuration window to program a C-Bus device in a similar way to C-Bus Toolkit.

Note, like other windows in C-Bus Commission launched from the *Properties* window clicking *OK* will retain any changes made to the current *Properties* window session data. The workflow is unchanged where clicking the *Save* button in the *Properties* window is still required to save any changes to the project and/or network device.

Support for Dynamic Labels

The software now supports the viewing, configuration and saving of C-Bus Dynamic Labels for a network. Dynamic Labels properties are displayed in the *Properties* window for a selected Group or Action Selector in the C-Bus Application workspace.

Like C-Bus Toolkit, Dynamic Label options include Text, Graphic and Custom Font labels. Network Languages and Label Variants are also configured in the *Properties* window for the selected Group or Action Selector. The Application workspace includes buttons to deploy all Dynamic Labels for the current Application and to set the Network Language.

Furthermore, C-Bus Dynamic Labels can be configured while programming the C-Bus eDLT device (firmware v2.x) via the *Edit Keys* configuration window.

Note, Graphic type (bitmap) labels can be created in C-Bus Commission at higher pixel resolutions to better suit the C-Bus eDLT (firmware v2.x) compared to C-Bus Toolkit. These labels cannot be edited in C-Bus Toolkit.

Live C-Bus Group Control

The software now supports the live control of C-Bus Groups and Levels for a C-Bus network. Control is possible from both the Application workspace and from the Add/Edit windows, namely:

- Lighting type application workspace.
- Trigger application workspace.
- Enable application workspace.
- *Edit Group* window.
- *Add Action Selector* and *Edit Action Selector* windows.
- *Add Value* and *Edit Value* windows.

Buttons found at the top of the Groups table provide functionality to turn a Group On and Off, and to Flash a Group using a defined interval. Setting the Level of a Group, an Action Selector of a Trigger Group or a Value of an Enable Group is performed using a dedicated button within the row of a Level, Action Selector or Value.

View Live Network Events within C-Bus Applications

The software now displays last occurred events and activities against C-Bus Application data. Supported applications include Lighting (48-127), Trigger and Enable. Information includes:

- The level that was last set for a group.
- The device information that last set the level – by Name, Unit address and Unit Type.

The Device Name reflects the name as defined in the project (if existing). The remaining device information is from the device on the live network.

For the Trigger application, the software now displays the Indicator Kill event for a Trigger Group when it occurs on the live network. This event can be viewed in a dedicated column against a Trigger Group within the Trigger application workspace.

View Group Dependencies for Application Data

The software now displays the dependencies of a selected Group, listing in which device the Group is currently being used (programmed). This information is listed in the *Group Dependencies* section of the C-Bus Application workspace.

The scope of the results include:

- C-Bus devices with full programming support in C-Bus Commission.
- C-Bus devices without full programming support in C-Bus Commission (programmed using C-Bus Toolkit).
- C-Bus Controller Object Lists.

Selecting a device in the Group Dependencies table will load its properties into the *Properties* window.

Note:

- Not all group related properties within all C-Bus devices have been covered, however the common areas are covered like C-Bus Toolkit.
- Changes made to properties of a C-Bus device loaded into the *Properties* window from the Group Dependencies table are saved to the project device only (the *Deploy to Network* option and its associated workflow will be introduced in the near future).

Expanded Paste from Excel Functionality

The existing *Paste from Excel* feature in C-Bus Commission located in the Application workspace has been expanded to add support for pasting data from Excel containing Groups and Levels of Groups in a combined tabulated format.

This is based on a new predefined format. A template file is available to download [here](#).

Edit and Readdress a C-Bus Network

The software now supports editing a C-Bus network. The network details are displayed in the *Properties* window when a network is selected in the *Explorer* window (selecting the network node). The Interface Type and the Connection Details of the currently selected network can be edited (network must be closed).

A C-Bus network can now be readdressed in the software. The *Readdress* option is in the right-click context menu of the selected network and is also located in the ellipsis (3 dot) menu of the *Explorer* window (is enabled once a network is selected). Note, only a standalone C-Bus network using a serial or ethernet C-Bus interface can be readdressed (a C-Bus bridge network or a local transit network cannot be readdressed).

View the Network Topology of a Project

The software now includes the topology view of a C-Bus project. Like C-Bus Toolkit, a dedicated *Topology* node now appears in the *Explorer* window. When clicked, the topology diagram for all networks in the project is displayed in the main workspace representing the relationships and configuration of C-Bus networks in a visual way.

However, there are several differences as well as new features when compared to C-Bus Toolkit:

- Additional zoom control is available via keyboard and mouse wheel, as well as standard Windows keyboard shortcuts.
- Pan control is also available using mouse control and standard Windows keyboard shortcuts.
- C-Bus networks are presented as tiles/cards with interconnecting lines (opposite to C-Bus Toolkit).
- C-Bus networks are displayed in varying colours based on the C-Bus interface type for the network.
- The summary information of a C-Bus network is displayed when hovering the mouse over a network (information as per the Network Summary in the main workspace when selecting the network node).
- A Search tool is available to find a particular C-Bus network by name or any other text information within the topology diagram.
- Printing options are available including the paper size, the paper orientation and save to a PDF.

Device View Filters (C-Bus Devices Workspace)

The software now supports the Device View Filter options for the C-Bus Devices workspace. Like C-Bus Toolkit, four options are available - Quick, Output, Input and Summary.

The behaviour of this feature is much like C-Bus Toolkit whereby the Quick and Summary views display either minimal information or extended information like Groups for all C-Bus devices. The Output and Input views display extended information and filter the list of C-Bus devices accordingly to their category.

The selection is synced between the *Devices in Project* and the *Network Devices* sections. An option in the *Settings (Main Menu)* exists so the Device View Filter options can behave independently for each section.

An option in the *Settings (Main Menu)* has been added to select the display format for the Group information in the workspace. View options include:

- Default – Application Index/Group Name
- Name – Application Name/Group Name
- Address – Application Address/Group Address

Note:

- Only C-Bus devices that are fully programmable in the C-Bus Commission software (i.e. all properties displayed in the *Properties* window) display the extended Groups information in the C-Bus Devices workspace (Output, Input and Summary views).
- The selected Device View Filter is retained until it is manually changed.

Copy and Paste a C-Bus Network

A C-Bus network can now be copied and pasted in a project. Pasting a C-Bus network can be performed in either the currently open project, or into another project once opened. The *Copy Network* and *Paste Network* options are in the right-click context menu of a network and are also located in the ellipsis (3 dot) menu of the *Explorer* window.

Upon pasting a C-Bus network, a window is displayed providing the opportunity to edit the network (Interface Type and Connection Details) prior to the paste operation being completed.

Note, DLT labels cannot be copied and pasted to a different project.

Support for new Global Programming Wizards

A new range of wizards have been added to the C-Bus Global Programming feature, including:

- C-Bus Clock
- C-Bus Priority Enable/Disable
- Local Toggle Enable/Disable
- Shutter Relay Fail Safe Duration
- Shutter Relay Operating Mode
- Status Report

Note:

- Global Programming wizards can be run on C-Bus project devices only.
- Global Programming wizards can only program C-Bus devices that are fully programmable in the C-Bus Commission software (i.e. all properties displayed in the *Properties* window).

Support for Importing C-Bus Toolkit CBZ Project Files

The Import Project feature has been expanded to support the import of C-Bus Toolkit format CBZ project files, which can include one or multiple projects.

The Import Project feature now has added support to Import a project file in the XML format.

Note, the available file type options are listed in the file type selection option in the *Import Project* browser window.

Support for Find C-Bus Networks

The software now supports the Find C-Bus Networks feature to discover any C-Bus networks connected to the PC (like C-Bus Toolkit).

The feature will scan either the Default Interface, COM Ports or C-Bus Network Interfaces for any C-Bus networks and provide options to work with the discovered network in an existing or a new project.

Copy and Paste a C-Bus Project

A C-Bus project can now be copied and pasted. The *Copy Project* option is in the right-click context menu of a project tile/card and is also located in the ellipsis (3 dot) menu of a project (on the Welcome screen). The *Paste Project* button is located on the Welcome screen located above the list of projects.

Upon pasting a C-Bus project, a window is displayed to edit the project name and other project related information prior to the paste operation being completed.

Support for Various Software Options and Settings

Various C-Gate and C-Bus settings have been introduced into the software *Settings (Main Menu)*. The new options can be found in their respective *C-Gate* and *C-Bus Settings* sub-categories.

The C-Gate Configuration Options for a Project have been introduced into the software. These options can be viewed and configured specifically for the currently open project. The *C-Gate Project Configuration* option is in the ellipsis (3 dot) menu of the *Explorer* window.

Fixes

- Force the *Properties* window into focus (bring to front) when loading properties of a device (or other property types). Note, this does not include the existing known issue when the *Properties* window is docked within the main workspace.

Known Issues

- In some instances, after loading the properties of a live network C-Bus eDLT v2.0 into the *Properties* window, the Save/Cancel buttons in the *Properties* window appear illuminated, which indicate a change in the values of properties (default value errors). Workaround: Review and confirm the eDLT v2.0 device programming and click the *Save* button to save the current property values. (SW-9625)
- Loading a bitmap that is different to the resolution of the current Graphic Label will stretch the bitmap to fit. Workaround: Create a bitmap to the defined resolution for the Graphic Label. (SW-9538)
- After configuring and deploying a C-Bus eDLT v2.0 device which contains a Scene widget with a Scene Select function, the *Hold to Set Scene* message is displayed across all Scene widgets on that page only. Note, this is not a software issue and will be resolved in the next version of eDLT firmware. (SW-9429)
- After configuring and deploying a C-Bus eDLT v2.0 device which contains a Page widget with the Dynamic Label or Logo widget type, the Dynamic Label or Graphic label does not appear on the eDLT. This occurs for the first time deployment only to a factory reset device (the *Please program this unit* message is displayed on the screen). Workaround: Repeat the deployment to see the Dynamic Label or Graphic label. Note, this is not a software issue and will be resolved in the next version of eDLT firmware. (SW-8960)
- In some instances, a slight delay may be observed when saving any changes within the *Dynamic Label Editor* window from the *Edit Keys* window for the eDLT v2.0 device. This issue may also be seen in *Properties* window in the Application workspace. (SW-8820)
- In some instances when upgrading the firmware of new generation C-Bus devices, the process may fail resulting in a device remaining in boot loader mode. Workaround: Remove and reattach the USB cable or power cycle the device, then refresh the list in the Firmware Updater window and continue the process for the device from its boot loader mode or restart its upgrade process.
- For the supported Sensor devices (5753L, 5754ODPE, 5751L and 5750WPL) and Mechanism devices (5031NMML and 5041NMML), where Keys are complementary and one of the complementary keys is changed to "Scene", then the Block properties of the other Key will reset to default values. (SW-8146, SW-8144)
- In some instances when working with both C-Bus Commission and C-Bus Toolkit at the same time, duplicate lighting groups may be created which can be seen in C-Bus Toolkit (Error dialog displayed) but are not visible in C-Bus Commission. (SW-4304)
- For the C-Bus DALI-2 Gateway, the assigned C-Bus applications (1 to 4) may not appear in the Network Devices (live) section for the device. The application assignments exist however and can be viewed when

the live network device is loaded into the *Properties* window, or Extracted to the project and then loaded and viewed in the *Properties* window. (SW-4135)

- If the *Properties* window is relocated to the main workspace, after selecting a device in the Workspace tab, switching to the Properties tab occasionally clears the *Properties* window. (SW-6995, SW-9512)
- The SpaceLogic C-Bus Commission software is not compatible with and cannot be installed onto Windows based PCs running ARM processors. Only Intel based processors are supported (per System Requirements). No workaround exists at this time.
- When switching from C-Bus Devices and Application Log view, Application Log will take time to refresh.
- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.

C-Gate 3.8.0

- This release includes C-Gate 3.8.0. For further details, refer to the C-Gate release notes later in this document.

C-Gate 3.8.0

Released

July 2026

What's New

C-Bus eDLT

Supports firmware version 2.0.0 for eDLT:

- 5085EDLB (KEYGL5).
- R5045EDL (KEYGL5).
- R5045EDLW (KEYGL5).

Conversion from firmware version 1.x to 2.x is also supported.

C-Bus Device Templates

Supports the saving and loading of templates for C-Bus devices as shown below:

- Loading a C-Bus Commission device template (JSON) to the same type of project device.
- Saving a C-Bus Commission device template (JSON) from the project device.
- Loading a C-Bus Toolkit unit template (XML) to the same type of project device.
- Loading and converting a C-Bus Toolkit unit template or C-Bus Commission device template to project devices for the supported devices listed below:
 - Input Bus Coupler (KEYBC4 to BCN4B, KEYBC2 to BCN2B).
 - Input Bus Coupler devices (BCN4B, BCN2B to BCI4A).
 - Auxiliary Input Unit devices (DINAUX4 to BCI4A).
 - Relay devices (RELDN4, RELDN8, RELDN12, RELDN8B to RELSM8).
 - C-Bus DALI Gateway (PC_DAL2B, PC_DAL2C to SYS_DAL2).

Fixes

None.

Known Issues

None.

SpaceLogic C-Bus Commission 2.14.0

Released

April 2026

What's New

New Firmware Versions for C-Bus Devices: Dimmers, Relays, DALI-2 Gateway and C-Bus Controllers

SpaceLogic C-Bus Digital Dimmers, C-Bus High Power Digital Dimmer, C-Bus Voltage Free Relays, C-Bus DALI-2 Gateway and the C-Bus Controllers are now updated with new firmware versions. This is an important update and is required for all installations still in the commissioning phase. It is highly recommended for installations that have already been commissioned, and should be applied at the earliest opportunity.

Note this release of software includes the new firmware files for the SpaceLogic C-Bus Digital Dimmers, C-Bus High Power Digital Dimmer, C-Bus Voltage Free Relays and C-Bus DALI-2 Gateway.

SpaceLogic C-Bus 550xDxD Digital Dimmers Firmware Version 1.4.0

- The software now supports the latest firmware version 1.4.0 for the C-Bus 5504D2D and 5508D1D Digital Dimmers, which includes the following changes:
 - Fix issue where live dimmer profile testing on one channel interrupted other channels.
 - Fix issue with clock generator monitoring under extremely high bus utilisation conditions.
 - Support new commands for discovery of utilised channels and Application/Group pairs.
- The new firmware version 1.4.0 is the default version when adding a new device from the Library.
- The Firmware Updater includes the latest C-Bus Digital Dimmers firmware version 1.4.0.

SpaceLogic C-Bus 5504DHD High Power Dimmer Firmware Version 1.1.0

- The software now supports the latest firmware version 1.1.0 for the C-Bus 5504DHD High Power Digital Dimmer, which includes the following changes:
 - Improved tolerance of overcurrent detection for high inrush loads.
 - Fix issue with clock generator monitoring under extremely high bus utilisation conditions.
 - Support new commands for discovery of utilised channels and Application/Group pairs.
- The new firmware version 1.1.0 is the default version when adding a new device from the Library.
- The Firmware Updater includes the latest C-Bus High Power Digital Dimmer firmware version 1.1.0.

SpaceLogic C-Bus 55xxRVF Voltage Free Relays Firmware Version 1.1.0

- The software now supports the latest firmware version 1.1.0 for the C-Bus 5504RVF, 5508RVF and 5516RVF Voltage Free Relays, which includes the following changes:
 - Fix issue with clock generator monitoring under extremely high bus utilisation conditions.
 - Support new commands for discovery of utilised channels and Application/Group pairs.
- The new firmware version 1.1.0 is the default version when adding a new device from the Library.
- The Firmware Updater includes the latest C-Bus Voltage Free Relays firmware version 1.1.0.

SpaceLogic C-Bus 5502CDGP230 DALI-2 Gateway Firmware Version 1.13.0

- The software now supports the latest firmware version 1.13.0 for the C-Bus 5502CDGP230 DALI-2 Gateway, which includes the following changes:
 - Fix issue with clock generator monitoring under extremely high bus utilisation conditions.
 - Support new commands for discovery of utilised objects and Application/Group pairs.
- The new firmware version 1.13.0 is the default version when adding a new device from the Library.
- The Firmware Updater includes the latest C-Bus DALI-2 Gateway firmware version 1.13.0.

SpaceLogic C-Bus 5500NAC/5500SHAC Automation Controllers Version 1.19.0

- The software now supports a new firmware version 1.19.0 for the C-Bus 5500NAC, 5500SHAC, LSS5500NAC and LSS5500SHAC Automation Controllers, which includes the following changes:
 - Fix issue with clock generator monitoring under extremely high bus utilisation conditions.
- The new firmware version 1.19.0 is the default version when adding a new device from the Library.
- Note, the firmware is updated via the C-Bus Controller web User Interface.

SpaceLogic C-Bus 5500NAC2/5500AC2 Automation and Application Controllers Version 1.19.0 and 2.4.0

- The software now supports a new firmware version 1.19.0 and the latest firmware version 2.4.0 for the C-Bus 5500NAC2 and 5500AC2 Automation and Application Controllers, which includes the following changes:
 - Fix issue with clock generator monitoring under extremely high bus utilisation conditions.
- The new firmware version 2.4.0 is the default version when adding a new device from the Library.
- Note, the firmware is updated via the C-Bus Controller web User Interface.

New Icons for Important Firmware Updates to C-Bus Devices

- The Firmware Update window (accessed from the Main Menu) now displays a new “Important Update Available” icon (with tooltip) for a C-Bus device when an important firmware update is applicable.
 - The new “Important Update Available” icon is applicable to the following C-Bus devices:
 - C-Bus Digital Dimmers (5504D2D and 5508D1D).
 - C-Bus High Power Digital Dimmer (5504DHD).
 - C-Bus Voltage Free Relays (5504RVF, 5508RVF and 5516RVF).
 - C-Bus DALI-2 Gateway (5502CDGP230).
- The Network Devices section (C-Bus Devices workspace) now includes new icons to highlight important firmware updates, including:
 - During a network scan, an “Important Firmware Update” icon (with tooltip) appears next to the Network Devices heading when an important firmware update is applicable to one or more C-Bus devices on the live network.
 - The existing “Firmware Update” icon (with tooltip) in the Status column for a C-Bus device on the live network appears in red when an important firmware update is applicable to it.
 - The red “Firmware Update” icon is applicable to the following C-Bus devices:
 - C-Bus Digital Dimmers (5504D2D and 5508D1D).
 - C-Bus High Power Digital Dimmer (5504DHD).
 - C-Bus Voltage Free Relays (5504RVF, 5508RVF and 5516RVF).
 - C-Bus DALI-2 Gateway (5502CDGP230).
 - Older C-Bus Automation Controllers (5500NAC, 5500SHAC, LSS5500NAC and LSS5500SHAC).
 - Newer C-Bus Automation and Application Controllers (5500NAC2 and 5500AC2).

Fixes

- Exporting logs included the log file from the most recent day only. (SW-8647 and SW-8644)
- Importing a Project with the same name as an existing project cannot be renamed. (FT-38)
- For the supported Sensor devices (5753L, 5754ODPE, 5751L and 5750WPL) when “No Mode” is set, the Group and Expiry Time properties in the Properties window and in the Mode tab in the Advanced Configuration window are not disabled. (SW-8156)
- Importing a C2Z project which does not contain a DB file deletes all projects in the “Projects” folder. (SW-8501)
- Global Programming wizard “PIR and Multi-sensor Unit Time Threshold” does not include Multi-sensor devices. Note, Multi-sensor devices have been excluded from Global Programming wizards as C-Bus Commission does not yet support the programming of Multi-sensor devices. (SW-8500)

Known Issues

- In some instances when upgrading the firmware of new generation C-Bus devices, the process may fail resulting in a device remaining in boot loader mode. *Workaround:* Remove and reattach the USB cable or power cycle the device, then refresh the list in the Firmware Updater window and continue the process for the device from its boot loader mode or restart its upgrade process.
- For the supported Sensor devices (5753L, 5754ODPE, 5751L and 5750WPL) the Save and Cancel buttons in the Properties window will be illuminated (enabled) when the Expiry Time has been modified elsewhere, such as by a Global Programming wizard or within Toolkit. (SW-8303)
- For the supported Sensor devices (5753L, 5754ODPE, 5751L and 5750WPL) and Mechanism devices (5031NMML and 5041NMML), where Keys are complementary and one of the complementary keys is changed to “Scene”, then the Block properties of the other Key will reset to default values. (SW-8146, SW-8144)
- In some instances when working with both C-Bus Commission and C-Bus Toolkit at the same time, duplicate lighting groups may be created which can be seen in C-Bus Toolkit (Error dialog displayed) but are not visible in C-Bus Commission. (SW-4304)
- For the C-Bus DALI-2 Gateway, the assigned C-Bus applications (1 to 4) may not appear in the Network Devices (live) section for the device. The application assignments exist however and can be viewed when the live network device is loaded into the Properties window, or Extracted to the project and then loaded and viewed in the Properties window. (SW-4135)
- If the Properties window is relocated to the main workspace, after selecting a device in the Workspace tab, switching to the Properties tab occasionally clears the Properties window. (SW-6995)
- The SpaceLogic C-Bus Commission software is not compatible with and cannot be installed onto Windows based PCs running ARM processors. Only Intel based processors are supported (per System Requirements). No workaround exists at this time.
- When switching from C-Bus Devices and Application Log view, Application Log will take time to refresh.
- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.

C-Gate 3.7.1

- This release includes C-Gate 3.7.1. For further details, refer to the C-Gate release notes later in this document.

C-Gate 3.7.1

Released

April 2026

What's New

C-Bus Digital Dimmers

Supports firmware version 1.4.0 for digital dimmers:

- 5504D2D (DIMDD4)
- 5508D1D (DIMDD8)

C-Bus High Power Digital Dimmers

Supports firmware version 1.1.0 for high-power digital dimmers:

- 5504DHD (DIMDH4)

C-Bus Voltage Free Relays

Supports firmware version 1.1.0 for voltage free relays:

- 5504RVF (RELDN4A)
- 5508RVF (RELDN8A)
- 5516RVF (RELDN16A)

C-Bus DALI-2 Gateway

Supports firmware version 1.13.0 for C-Bus DALI-2 gateway:

- 5502CDGP230 (SYS_DAL2)

C-Bus Automation Controllers

Supports firmware version 1.19.0 for automation controllers:

- 5500NAC, LSS5500NAC (SYS_NAC)
- 5500SHAC, LSS5500SHAC (SYS_SHAC)
- 5500NAC2 (SYS_NAC2)
- 5500AC2 (SYS_AC2)

Supports firmware version 2.4.0 for automation controllers:

- 5500NAC2 (SYS_NAC2)
- 5500AC2 (SYS_AC2)

Fixes

None

Known issues

None

SpaceLogic C-Bus Commission 2.13.0

Released

February 2026

What's New

Full programming support for C-Bus Sensors – 5753L, 5754ODPE, 5751L and 5750WPL

- The following popular C-Bus Sensor devices can now be fully programmed in the C-Bus Commission software:
 - 360 Deg. Flush Mount Sensor – 5753L (SENPIRB).
 - 360 Deg. Surface Mount Sensor – 5754ODPE (SENPIRC).
 - Corner Mount Sensor – 5751L (SENPIRIA).
 - Outdoor Sensor – 5750WPL (SENPIROA).
- The latest firmware (v2.4.0) is supported only.
- A subset of properties are displayed in the Properties window enabling quick configuration of popular properties to achieve a basic outcome, including an option to select a preset Mode.
- An “Advanced Configuration” button is displayed in the Properties window to launch a dedicated configuration window to program a sensor in a similar way to C-Bus Toolkit, noting some differences as follows:
 - A new Mode tab is now available for configuring popular properties.
 - The Virtual Keys are now divided across two tabs, including the Join Mode properties and properties from C-Bus Toolkit’s Occupancy tab.
 - The Corridor Linking tab replaces C-Bus Toolkit’s Environment tab.
 - The ordering of tabs has been revised compared to C-Bus Toolkit.
 - For the 5751L and 5750WPL sensors, the new Mode tab is not included.
 - For the 5751L and 5750WPL sensors, the Virtual Keys are laid out in a top to bottom and left to right layout (different to C-Bus Toolkit).
 - For the 5751L and 5750WPL sensors, the Sensor Enable/Disable properties now appear in the Virtual Keys tab.
- Please note, like other windows in C-Bus Commission launched from the Properties window clicking OK will retain any changes made to the current Properties window session data. The workflow is unchanged where clicking the Save button in the Properties is still required to save any changes to the project and/or network device.

Full programming support for C-Bus Mechanisms – 5031NMML and 5041NMML

- The following popular C-Bus Mechanism devices can now be fully programmed in the C-Bus Commission software:
 - 30 Series Mechanism – 5031NMML (KEYE1, KEYE2, KEYE3 and KEYE4).
 - 40 Series Mechanism – 5041NMML (KEYE1, KEYE2, KEYE3 and KEYE4).
- The latest firmware (v2.5.0) is supported only.
- A small subset of properties are displayed in the Properties window for basic device configuration.

- An “Edit Device” button is displayed in the Properties window to launch a dedicated configuration window to program a mechanism in a similar way to C-Bus Toolkit, noting some differences as follows:
 - The Corridor Linking tab replaces C-Bus Toolkit’s Environment tab (name change only).
 - The ordering of tabs has been revised compared to C-Bus Toolkit.
- Please note, like other windows in C-Bus Commission launched from the Properties window clicking OK will retain any changes made to the current Properties window session data. The workflow is unchanged where clicking the Save button in the Properties is still required to save any changes to the project and/or network device.

Create C-Bus Application Items from a C-Bus Device

- A new feature has been added to quickly and conveniently create C-Bus Application items from a simple click of a button in the Properties window (for a C-Bus device), which eliminates the need to create items manually across multiple Applications.
- The C-Bus devices which support this new feature include:
 - C-Bus DALI-2 Gateway – 5502CDGP230 (SYS_DAL2).
 - C-Bus Digital Dimmers – 5508D1D (DIMDD8), 5504D2D (DIMDD4) and 5504DHD (DIMDH4).
 - C-Bus Voltage Free Relays – 5516RVF (RELDN16A), 5508RVF (RELDN8A) and 5504RVF (RELDN4A).
 - C-Bus Saturn Wall Plates (Key Units) – 5082PW (KEYB2A), 5082GF (KEYB2A), 5082680 (KEYB2A), 5082J80 (KEYB2A), 5084680 (KEYB4A), 5084J80 (KEYB4A), 5084PW (KEYB4A), 5084GF (KEYB4A), 5086GF (KEYB6A), 5086680 (KEYB6A), 5086J80 (KEYB6A) and 5086PW (KEYB6A).
 - C-Bus Saturn Zen Wall Plates (Key Units) – R5041ZB (KEYH1A), R5041ZW (KEYH1A), R5042ZB (KEYH2A), R5042ZW (KEYH2A), R5043ZB (KEYH3A), R5043ZW (KEYH3A), R5044ZB (KEYH4A) and R5044ZW (KEYH4A).
- C-Bus Application items that can be easily created include:
 - Error channels for Error Application.
 - Error channels Measurement Application.
 - Enable Group and Values.
 - Trigger Group and Action Selectors.
 - Devices for the Emergency Exit Light Application (C-Bus DALI-2 Gateway only).
- Items created are based on the project information (programming of the device in the project).
- The names for created Application Items use default names or names that already exist for devices, including:
 - DALI Device Names (Used DALI devices) at C-Bus DALI-2 Gateway Object ID’s.
 - C-Bus DALI-2 Gateway Device Name and Line Names.
 - Dimmer and Relay Channel Names (channel assigned with a Group).
- Please note, this feature creates new items only, no updates/changes are performed to any existing items (data).

Edit Multiple DALI devices

- A new feature has been added to rapidly configure DALI properties for multiple DALI devices, which saves time compared to performing the same operation for each DALI device one after another.
- The new “Edit DALI Devices” option replaces the previous “DALI Group Membership” option, expanding this feature to include other DALI device properties as well, namely:
 - Levels.
 - DALI Scenes.
 - LED Dimming Curve.
- The Edit DALI Devices window introduces a behavioural change whereby the configuration of properties can only be performed only if they are common for the devices selected.

Live Control of a DALI Line

- The live control of a DALI Line is now possible from the Line Devices section of the DALI Workspace, including Set to Off, Set to Min Level, Set to Max Level and Interval Flash/Cycle functionality. The new functionality offers an alternative method to test a DALI Line, particularly in cases where access to the front panel of the C-Bus DALI-2 Gateway is not possible.
- The control is possible from a new button on the Line Devices button bar (DALI Device workspace).
- The default behaviour of the button when toggled is Off / Max Level.
- The existing setting in the Main Menu (Settings/DALI Settings) now incorporates both the DALI Line and DALI Device button behaviour.
- Each of the paired control options from the button support keyboard shortcuts specifically for controlling the DALI Line.
- Information describing the button behaviour and the keyboard shortcuts appears in the tooltip for the toggle button observed when hovering the mouse over the button.

C-Bus Device Templates

- A new C-Bus Device Templates feature has been added providing opportunities to save, reuse and share C-Bus device programming, which can lead to a significant reduction in time and effort when programming multiple devices of the same type.
- A new button has been added to the Devices in Project button bar (in the C-Bus workspace), where from here a Template file can be saved or loaded.
 - Only one C-Bus device template can be saved at a time.
 - Loading a template file is possible to one or multiple C-Bus devices.
- C-Bus Device Template file formats include:
 - Save Template – C-Bus Commission Device Template format (JSON).
 - Load Template – C-Bus Toolkit Unit Template format (XML) and C-Bus Commission Device Template format (JSON).
- C-Bus Device Templates apply to project devices only.
- Refer to the following tables for more information on saving and loading C-Bus Device Template files:

Save C-Bus Device Template to file

<i>C-Bus Toolkit Unit Template format (XML)</i>	<i>C-Bus Commission Device Template format (JSON)</i>
Not Supported	Supported All C-Bus devices supported.

Load C-Bus Unit/Device Template from file

<i>C-Bus Toolkit Unit Template format (XML)</i>	<i>C-Bus Commission Device Template format (JSON)</i>
Limited Support - Support only for old generation C-Bus devices that are fully configurable in the Properties window with matching firmware version between the template file and the device in the project. - For C-Bus 5753L (SENPIRB), 5751L (SENPIRIA) and 5750WPL (SENPIROA) Sensors, Sensor template file based on a previous firmware version is supported. - For C-Bus 5031NMML and 5041NMML Mechs, Mech template file based on a previous firmware version is supported. - For C-Bus 5753L (SENPIRB) and 5754ODPE (SENPIRC) Sensors, either 5753L or 5754ODPE Sensor template file is supported. - For C-Bus 5751L (SENPIRIA) and 5750WPL (SENPIROA) Sensors, either 5751L or 5750WPL Sensor template file is supported. - For C-Bus 5031NMML and 5041NMML Mechs, either 5031NMML or 5041NMML Mech template file of any KEY variant is supported. - A template file of a new generation SpaceLogic C-Bus devices is not supported.	Supported - All C-Bus devices supported, with matching firmware version between the template file and the device in the project. - For a Unit Type where multiple Catalogue Numbers apply, all Catalogue Numbers are supported. - For C-Bus 5753L (SENPIRB), 5751L (SENPIRIA) and 5750WPL (SENPIROA) Sensors, Sensor template file based on a previous firmware version is supported. - For C-Bus 5031NMML and 5041NMML Mechs, Mech template file based on a previous firmware version is supported. - For C-Bus 5753L (SENPIRB) and 5754ODPE (SENPIRC) Sensors, either 5753L or 5754ODPE Sensor template file is supported. - For C-Bus 5751L (SENPIRIA) and 5750WPL (SENPIROA) Sensors, either 5751L or 5750WPL Sensor template file is supported. - For C-Bus 5031NMML and 5041NMML Mechs, either 5031NMML or 5041NMML Mech template file of any KEY variant is supported.

C-Bus Global Programming

- A new C-Bus Global Programming feature has been added that offers a streamlined method to program the same property for multiple C-Bus devices, which leads to a significant reduction in time and effort compared to repetitive programming of the same property across multiple devices.
- A new button has been added to the Devices in Project button bar (in the C-Bus workspace), which launches the C-Bus Global Programming window offering the following wizards:
 - C-Bus Application 1.
 - C-Bus Application 2.
 - C-Bus Application 3.
 - C-Bus Application 4.
 - C-Bus Dimmer Min/Max Levels.
 - Blocks and Widgets Timer Expiry Time/Duration.
 - PIR and Multisensor Unit Time Threshold.
 - PIR Enable/Disable Group Address and Mode.
 - C-Bus Relay Turn On Level.

- Global Programming wizards can be run on C-Bus project devices only.
- Global Programming wizards can only program C-Bus devices that are fully programmable in the C-Bus Commission software (i.e. all properties displayed in the Properties window).

Edit Project Information

- The C-Bus Commission software now offers the ability to modify and update the details of a C-Bus Project, whether it's to add missing details or make corrections, to ensure accurate information for documentation purposes.
- Editing the details of a project is possible from:
 - The project list in both the start-up Welcome screen and the Main Menu via the ellipsis menu or the right-click menu of a project.
 - The Properties window after selecting the Project node (in the Explorer window) for a currently opened project.

Other Updates

- Selecting multiple rows in the C-Bus Application workspace is now easier with added support for Shift-click and Ctrl-click selection methods.

Fixes

- Forward slash '/' character is not accepted for C-Bus device Tag Name (also fixed for Part Name). (*PR-66*)

Known Issues

- For the supported Sensor devices (5753L, 5754ODPE, 5751L and 5750WPL) the Save and Cancel buttons in the Properties window will be illuminated (enabled) when the Expiry Time has been modified elsewhere, such as by a Global Programming wizard or within Toolkit. (*SW-8303*)
- When No Mode is set, the Group and Expiry Time properties in the Properties window and in the Mode tab in the Advanced Configuration window are not disabled. (*SW-8156*)
- For the supported Sensor devices (5753L, 5754ODPE, 5751L and 5750WPL) and Mechanism devices (5031NMML and 5041NMML), where Keys are complementary and one of the complementary keys is changed to "Scene", then the Block properties of the other Key will reset to default values. (*SW-8146*, *SW-8144*)
- Importing a C2Z project which does not contain a DB file deletes all projects in the "Projects" folder. (*SW-8501*)
- Global Programming wizard "PIR and Multisensor Unit Time Threshold" does not include Multisensor devices. (*SW-8500*)
- Importing a Project with the same name as an existing project cannot be renamed. (*FT-38*)
- In some instances when working with both C-Bus Commission and C-Bus Toolkit at the same time, duplicate lighting groups may be created which can be seen in C-Bus Toolkit (Error dialog displayed) but are not visible in C-Bus Commission. (*SW-4304*)

- For the C-Bus DALI-2 Gateway, the assigned C-Bus applications (1 to 4) may not appear in the Network Devices (live) section for the device. The application assignments exist however and can be viewed when the live network device is loaded into the Properties window, or Extracted to the project and then loaded and viewed in the Properties window. (SW-4135)
- If the Properties window is relocated to the main workspace, after selecting a device in the Workspace tab, switching to the Properties tab occasionally clears the Properties window.
- The SpaceLogic C-Bus Commission software is not compatible with and cannot be installed onto Windows based PCs running ARM processors. Only Intel based processors are supported (per System Requirements). No workaround exists at this time.
- When switching from C-Bus Devices and Application Log view, Application Log will take time to refresh.
- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.

C-Gate 3.7.0

- This release includes C-Gate 3.7.0. For further details, refer to the C-Gate release notes later in this document.

C-Gate 3.7.0

Released

February 2026

What's New

Updates to C-Gate include:

C-Bus Device Templates

Supports the saving and loading of templates for C-Bus devices as shown below:

- Support loading Device Template (JSON) to the same type of Project device.
- Support saving Device Template (JSON) to the same type of Project device.
- Support loading C-Bus Toolkit Unit Template (XML) to the same type of Project device.
- Support loading and converting C-Bus Toolkit Unit Template (XML) or Device Template (JSON) to project devices. Supported devices:
 - PIR Sensor units (SENPIRIA from/to SENPIROA, SENPIRIB from/to SENPIRIC)
 - C-Bus 30 & 40 Mechanism Input devices (KEYE1, KEYE2, KEYE3, KEYE4)

C-Bus Application Items Creation

Supports the creation of C-Bus Application items for the following specific devices:

		C-Bus Devices				
		Key Input Units	Digital Dimmers	High-Powered Digital Dimmer	Voltage Free Relays	DALI-2 Gateway
C-Bus Applications	Measurement					✓
	Error Reporting	✓	✓	✓	✓	✓
	Emergency Exit Light	✓	✓	✓	✓	✓

Supported devices:

- C-Bus Key Input Units (KEYB2A, KEYB4A, KEYB6A, KEYH1A, KEYH2A, KEYH3A, KEYH4A)
- C-Bus Digital Dimmers (DIMDD4, DIMDD8)
- C-Bus High-Powered Digital Dimmer (DIMDH4)
- C-Bus Voltage Free Relays (RELDN4A, RELDN8A, RELDN16A)

Fixes

None

Known issues

None

SpaceLogic C-Bus Commission 2.12.0

Released

October 2025

What's New

- There are no new features in this release.

Fixes

- Fixed the issue where the C-Bus Commission application may not start (failed signature checks error).

C-Gate 3.6.0

- This release includes the same version of C-Gate (C-Gate 3.6.0) as the previous SpaceLogic C-Bus Commission 2.11.0 release. For further details, refer to the C-Gate release notes later in this document.

SpaceLogic C-Bus Commission 2.11.0

Released

September 2025

What's New

DALI-2 Gateway Flash a Live DALI device

- Improve the DALI commissioning experience and the ease of use to increase adoption of the C-Bus DALI solution – Flash live DALI device to freely roam around to locate it on site.

DALI-2 Gateway Clear and Re-Read Live DALI Device

- Improve the DALI commissioning experience and user trust for information presented to increase adoption of the C-Bus DALI solution – clear and re-read live DALI device.

Convert Old C-Bus DALI Gateway with New C-Bus DALI-2 Gateway

- Saves time and maximise commissioning efficiencies when replacing the old C-Bus DALI Gateway with the new C-Bus DALI-2 Gateway by converting the existing device programming over to the new device - commissioning effort reduce by 80% for the like for like functionality. The convert function will not replace the old device anymore, it will create it at the next available address. Note all properties is converted per info in the dialogue.

Copy and Paste C-Bus Device

- Save time and maximise commissioning efficiencies when configuring C-Bus devices by reusing existing device programming with Copy/Paste functionality – commissioning effort reduced by over 95% per device pasted. This does not include DALI Lines.

C-Bus DALI-2 Gateway Firmware Version 1.12.0

- The software now supports the latest C-Bus DALI-2 Gateway (5502CDGP230) firmware version 1.12.0, which includes the following changes:
 - Bug fixes
- The Firmware Updater includes the latest C-Bus DALI-2 Gateway firmware version 1.12.0.

Help File Update

- Updated Help File contents to include the new features and improvements.

Fixes

- Exporting a project to any file location is now possible. Note, the location "*\Documents\C-Bus Commission\Projects*" is still an invalid folder location.
- Correct behaviour now implemented for properties in the Error Reporting category, applied across all C-Bus devices displaying the Error Reporting category (Mode Control Group, Restore to Previous, Regular Reporting and Regular Reporting Interval).
- Issue fixed when editing the Device Name of a C-Bus Controller (parent layer) which now correctly renames the *PC_* and *SYS_* child devices.
- Issue fixed where a C-Bus network scan could remain stuck at the "*...checking for new application data*" stage during the scan.
- Issue fixed where C-Bus Group mapping was missing in the C-Bus DALI-2 Gateway after extracting the device from the live C-Bus network to the project.
- Issue fixed where C-Bus devices were being displayed in a partially matched state (i.e. Exists on Network is "Unit Type" only) after the Extract or Extract All operation.
- Issue fixed where an error may be displayed after selecting multiple DALI devices in the project (intermittent behaviour).
- SpaceLogic C-Bus commissioning cannot open unit from network on Windows 10 and 11 machine is due to the clock and region settings on the PC
- DALI-2 Gateway firmware upgrade fails when device is in bootloader mode is fixed

Known Issues

- In some instances when working with both C-Bus Commission and C-Bus Toolkit at the same time, duplicate lighting groups may be created which can be seen in C-Bus Toolkit (plus an Error dialogue displayed) but are not visible in C-Bus Commission.
- For the C-Bus DALI-2 Gateway, the assigned C-Bus applications (1 to 4) may not appear in the Network Devices (live) section for the device. The application assignments exist however and can be viewed when the live network device is loaded into the Properties window, or Extracted to the project and then loaded and viewed in the Properties window.
- If the Properties window is relocated to the main workspace, after selecting a device in the Workspace tab, switching to the Properties tab occasionally clears the Properties window.
- The SpaceLogic C-Bus Commission software is not compatible with and cannot be installed onto Windows based PCs running ARM processors. Only Intel based processors are supported (per System Requirements). No workaround exists at this time. Development investigations are currently underway to determine the next steps.
- When switching from C-Bus Devices and Application Log view, Application Log will take time to refresh.
- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.

C-Gate 3.6.0

- This release includes C-Gate 3.6.0. For further details, refer to the C-Gate release notes later in this document.

C-Gate 3.6.0

Released

September 2025

What's New

Updates to C-Gate include:

C-Bus DALI-2 Gateway

- Support firmware version 1.12.0 of C-Bus DALI-2 Gateway (SYS_DAL2)
- Device conversions:
 - PC_DAL2B → SYS_DAL2
 - PC_DAL2C → SYS_DAL2

C-Gate Command

PROJECT commands are enhanced to improve C-Bus project operations.

- Block specific operations if the C-Bus project is opened. The operations include:
 - PROJECT DELETE
 - PROJECT RENAME
 - PROJECT MOVE
- Remove Project folder and its subfolders during Project delete and Project rename operations:
 - PROJECT DELETE: Remove the entire project folder.
 - PROJECT RENAME: Remove the entire project folder if specified, i.e Set [remove-existing-project-directory] parameter to “yes”.

Security Enhancements

- SQLite Java library update, 3.50.2
- Upgrade Java Runtime version to 11.0.28

Fixes

None.

Known issues

None.

SpaceLogic C-Bus Commission 2.10.0

Released

June 2025

What's New

Extract and deploy all C-Bus devices between the Project and a C-Bus Network

- All C-Bus devices can now be extracted and deployed from C-Bus Commission, whether configuration of the device is possible within the Properties window or not. Therefore, there is no need to use C-Bus Toolkit to perform the equivalent operation for C-Bus devices that are not yet supported by C-Bus Commission.

New option when converting an old L5512RVF C-Bus Relay to the new 5516RVF C-Bus Relay

- Physical replacement of an old C-Bus 12 Channel Relay with the new C-Bus 16 Channel Relay is now easy. The Convert Unit feature now includes an additional convert option to map the channel output terminals of the old device to the nearest channel output terminals on the new device.
 - For example, the channel output terminals in each corner of the top and bottom rows from old relay to new are maintained: Ch1 > Ch1, Ch6 > Ch8, Ch7 > Ch9 and Ch12 > Ch16.

Improvements when using both C-Bus Commission and C-Bus Toolkit to scan a C-Bus Network

- To prevent scanning errors when C-Bus Toolkit is already undertaking a network scan, commencing a scan in C-Bus Commission for the same network will now display a warning message to prevent interrupting the current scan. This eliminates the need to rescan a network after an interruption.

C-Bus DALI-2 Gateway – Updated Error Reporting and Measurement Categories

- The Error Reporting category has now been updated and is consistent with the Error Reporting category in other C-Bus devices (e.g. Digital Dimmers etc), namely:
 - Existing properties and options renamed.
 - Minimum Error options added.
 - Advanced section with Threshold options added.
- The Measurement category has now been updated and is consistent with the Measurement category in other C-Bus devices (e.g. Digital Dimmers etc), namely:
 - Regular Broadcast Interval
 - Regular Broadcast Option
- A Device ID must now be assigned to configure properties in either the Error Reporting or Measurement categories, making the behaviour consistent with new C-Bus New Saturn and Zen Key Input Units (properties in the category are otherwise disabled).

C-Bus DALI-2 Gateway – New RGB Mode option for controlling DALI DT8 devices (RGB/RGBW)

- A new RGB Mode option has been added to the C-Bus DALI-2 Gateway providing the choice to select whether a DALI DT8 device being controlled is either a 3-channel or a 4-channel (RGB or RGBW) device.
- The RGB Mode property is displayed where the Hue and Saturation properties currently appear, i.e.:
 - In the C-Bus DALI-2 Gateway – Broadcast Group, DALI Groups 1 to 16 and Virtual Groups 1 to 16.
 - In a DALI Device – Address Mapping.

Identify and Reconcile DALI Devices workflow improvement

- A new button has been added to the DALI Line Devices workspace launching a window with new combined view of live and project DALI devices to allow for efficient device identification and reconciliation, with a filtered view of unreconciled live devices only, plus optional filters to view only unreconciled and compatible project devices.
 - The new window is complementary to the existing process in the DALI workspace.
 - The new window streamlines the activities resulting in a moderate improvement in time of approx. **13%** compared to the time taken when working through the steps within the DALI workspace (approx. 1 min 31 secs down from approx. 1 min 45 secs – when identifying and reconciling 6x DALI devices).
 - The new window also incorporates the ability to add an identified device to the project if its not listed in the project and reconcile too.

Updates to Testing Digital Dimmer Loads from C-Bus Commission

- During live testing of dimmer loads (when configuring a Custom Load Profile for a channel), a delay has now been removed when discovering the Minimum Brightness value and testing various Ramp Rates.
 - The Minimum Brightness value and the Ramp Rate value must now be set (saved) within the dimmer before control of the load from the C-Bus Commission software is possible. This translates to an immediate response from the dimmer when turning the channel on.
- The testing steps have also been updated and refined to improve understanding and commissioning efficiency.
 - The descriptions, important points and test step explanations have been updated.
 - The Mains Frequency is now displayed.
 - Discovering the Minimum Brightness and Maximum Brightness are now separate steps (3 test steps in total).
 - The Maximum Brightness step now provides enhanced control of the load providing an instant change in load brightness level on making a change to the Maximum Brightness value.
 - The Maximum Brightness step offers additional coarser up/down adjustment options, with support for keyboard arrow control for selecting and making adjustments.

C-Bus DALI-2 Gateway Firmware Version 1.11.0

- The software now supports the latest C-Bus DALI-2 Gateway (5502CDGP230) firmware version 1.11.0, which includes the following changes:
 - Add support for using “W” channel of DALI RGBW DT8 devices.

- Add support for toggling C-Bus clock generator from front panel buttons.
 - Improvements in duplicate address detection of DALI devices.
- The Firmware Updater includes the latest C-Bus DALI-2 Gateway firmware version 1.11.0.

C-Bus eDLT Firmware Version 1.8.0

- The Firmware Updater includes the latest C-Bus eDLT firmware version 1.8.0.
- Firmware changes:
 - Bugfixes to the MMI correction behaviour.

General Software Updates and Improvements

- The C-Bus clock option is now displayed in any existing or new C-Bus Automation / Application Controllers, which adds another option for enabling network clocks to achieve best practice design.
 - Applies to device unit types: PC_SHAC (5500SHAC & LSS5500SHAC), PC_NAC (5500NAC & LSS5500NAC), PC_NAC2 (5500NAC2) and PC_AC2 (5500AC2).
- The Search box in the C-Bus project devices section now incorporates the C-Bus Serial Number in its search through the list of devices, which helps locate a desired C-Bus device faster.
- The Convert Unit feature has now been expanded to support the conversion process of a legacy C-Bus 8 Channel “B” Version Relay device (RELDN8B) in a project to a new generation C-Bus 8 Channel Relay device (RELDN8A). Compatible properties are remapped for a seamless transition aiding in a faster process to replace a Relay device and retain and reuse its existing programming.
- Improvements when extracting legacy C-Bus output devices from the C-Bus network, where the correct devices including power supply (or not) will now be added to the Project.
- Improvements when extracting new generation C-Bus Key Input devices from the C-Bus network, where the correct devices will now be added to the Project based on the Catalogue Number within the device (firmware).
- A live network C-Bus device at address 255 can no longer be loaded into the Properties window. The device must first be readdressed to proceed with loading and then subsequent configuration and saving the device to the project and/or back to the network.

Help File Update

- Updated Help File contents to include the new features and improvements.

Fixes

- Exporting a project to any file location is now possible. Note, the location “\Documents\C-Bus Commission\Projects” is still an invalid folder location.
- Correct behaviour now implemented for properties in the Error Reporting category, applied across all C-Bus devices displaying the Error Reporting category (Mode Control Group, Restore to Previous, Regular Reporting and Regular Reporting Interval).

- Issue fixed when editing the Device Name of a C-Bus Controller (parent layer) which now correctly renames the *PC_* and *SYS_* child devices.
- Issue fixed where a C-Bus network scan could remain stuck at the “...checking for new application data” stage during the scan.
- Issue fixed where C-Bus Group mapping was missing in the C-Bus DALI-2 Gateway after extracting the device from the live C-Bus network to the project.
- Issue fixed where C-Bus devices were being displayed in a partially matched state (i.e. Exists on Network is “Unit Type” only) after the Extract or Extract All operation.
- Issue fixed where an error may be displayed after selecting multiple DALI devices in the project (intermittent behaviour).

Known Issues

- In some instances when working with both C-Bus Commission and C-Bus Toolkit at the same time, duplicate lighting groups may be created which can be seen in C-Bus Toolkit (plus an Error dialogue displayed) but are not visible in C-Bus Commission.
- For the C-Bus DALI-2 Gateway, the assigned C-Bus applications (1 to 4) may not appear in the Network Devices (live) section for the device. The application assignments exist however and can be viewed when the live network device is loaded into the Properties window, or Extracted to the project and then loaded and viewed in the Properties window.
- If the Properties window is relocated to the main workspace, after selecting a device in the Workspace tab, switching to the Properties tab occasionally clears the Properties window.
- The SpaceLogic C-Bus Commission software is not compatible with and cannot be installed onto Windows based PCs running ARM processors. Only Intel based processors are supported (per System Requirements). No workaround exists at this time. Development investigations are currently underway to determine the next steps.
- When switching from C-Bus Devices and Application Log view, Application Log will take time to refresh.
- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.

C-Gate 3.5.0

- This release includes C-Gate 3.5.0. For further details, refer to the C-Gate release notes later in this document.

C-Gate 3.5.0

Released

June 2025

What's New

C-Bus DALI-2 Gateway

This release adds support for firmware version 1.11.0 of the C-Bus DALI-2 Gateway (SYS_DAL2), which includes support for the RGB/RGBW parameter.

C-Bus Voltage Free Relays

Additional device conversions to Voltage Free Relays 5516RVF (RELDN16A) and 5508RVF (RELDN8A) are now supported, as listed below:

- RELDN12 > RELDN16A (direct replacement option)
- RELDN8B > RELDN8A

C-Bus Automation Controllers

Added support for the Enable Clock parameter.

C-Bus eDLT

This release adds support for firmware version 1.8.0 of the C-Bus eDLT device (KEYGL5).

Command Enhancements

Introduced a new live device property called *Applications*, which supports more than two Application addresses. This property is available through the GET command.

Device Identification Improvements

Improved the accuracy of device identification during network scans for the following C-Bus key input units:

- KEYB2A
- KEYB4A
- KEYB6A
- KEYH1A
- KEYH2A
- KEYH3A
- KEYH4A

Security Enhancements

This release includes enhancements to the Java Runtime and other changes that strengthen the security of C-Gate.

Fixes

- Fixed an inconsistency with the upper limit of the Dimmer Conduction Testing for C-Bus Digital Dimmers (DIMDD4, DIMDD8) and High-Powered Dimmers (DIMDH4).

Known Issues

None

SpaceLogic C-Bus Commission 2.9.0

Released

February 2025

What's New

New C-Bus High Power Digital Dimmer

- This release includes full support for the upcoming release of the new C-Bus High Power 4 Channel Digital Dimmer device – 5504DHD (DIMDH4).
- The Firmware Updater includes support for the initial release firmware version 1.0.0.
- Software features are consistent with the C-Bus 4 Channel 5504D2D (DIMDD4) and 8 Channel 5508D1D (DIMDD8) Digital Dimmer devices.

DALI Devices Workspace Improvements – Workflow and Functionality

- The DALI Scanning options have been renamed and relocated for improved usability.
 - *Quick DALI Scan* – This scan is now called “**DALI Device Type Scan**” and is now the only option located in the sub-menu of the scan button for a DALI Line.
 - *Extended DALI Scan* – This scan is now called “**DALI Scan**” and is now the default scan when clicking on the scan button for a DALI Line.
 - *Full Gateway Scan* – This scan is now called “**Read DALI Gateway**” and is now an option located in the ellipsis/overflow sub-menu of the Line Devices button bar for a DALI Line.
 - *Discover Faults Scan* – The name is unchanged, and it is now located as a dedicated button (spanner icon) in the Line Devices button bar for a DALI Line.
 - Additional information describing the scan has also been added to the tooltip for each of the above listed scans and is observed when hovering the mouse over the button or menu option.
- The ability to load a single DALI device from the DALI Line into the Properties window or Extract a single DALI device from the DALI Line is now possible without the need to completely read the entire C-Bus DALI Gateway (i.e. previously dependent on a Full Gateway Scan).
 - This improvement focusses on DALI devices related tasks resulting in a significant improvement in the time spent working with only with DALI devices – up to **10x faster** compared to the time taken in v2.8.0 (approx. 1 min down from approx. 10 mins).
 - Furthermore, the ability to Extract all DALI devices from the DALI Line is now also possible without the need to completely read the entire C-Bus DALI Gateway, resulting in an improvement of approx. **36%** compared to the time taken in v2.8.0 (approx. 9 min 50 secs down from approx. 15 mins 26 secs).

C-Bus network details:

- 82x C-Bus devices.
- Mixture of existing and new generation C-Bus devices.
- 2x C-Bus DALI-2 Gateways.
- For 1x DALI-2 Gateway, 57x DALI devices on Line A and 50x DALI devices on Line B.
- Mixture of DALI device types, including DALI Group configurable.

Prerequisites:

- C-Bus network opened and scanned.
- DALI device discovery and addressing already complete (Line A).

- Note, only DALI related properties for a DALI device loaded into the Properties window will be displayed. The C-Bus DALI-2 Gateway mapping properties will not be shown.
- Note, only DALI related properties for a DALI device are extracted to the project. The C-Bus DALI-2 Gateway mapping properties will not be extracted.
- Note, if the Read DALI Gateway operation has been performed, then the C-Bus DALI-2 Gateway properties will be displayed in the Properties window or extracted to the project as per existing behaviour.
- The live control of a DALI device is now possible from the Line Devices section of the DALI Workspace, including Set to Off, Set to Min Level and Set to Max Level functionality. The new functionality offers an alternative method to flashing a DALI device to identify it, particularly when the flashing method is not suitable for the occupied space where the light is located.
 - The control is possible from a new button on the Line Device button bar.
 - The default behaviour of the button when toggled is Off / Max Level.
 - A setting added to the Main Menu (Settings/DALI Settings) adds an alternate control option for the button when Off / Max Level may not be suitable. The setting changes the toggle behaviour to Min Level / Max Level.
 - Each of the paired control options from the button support keyboard shortcuts.
 - Information describing the button behaviour and the keyboard shortcuts has been added to the tooltip for the toggle button and is observed when hovering the mouse over the button.
- A new option has been added to rapidly configure DALI Group Memberships for multiple DALI devices, which saves time compared to performing the same operation for each DALI device one after another.
 - The feature is called “DALI Group Membership” and is found in the right-click context menu of one of the selected DALI devices from either the project or from the live DALI Line.
 - Changes to the DALI Group Membership checkboxes in the dialogue window are applied (saved) to all the DALI devices selected.
 - The C-Bus DALI Gateway mapping information for DALI Groups is displayed for project devices as additional supporting information. The mapping information is only displayed for live DALI Line devices only if the Read DALI Gateway operation has been performed.
 - Note, additional DALI properties must be read from live DALI devices on the DALI Line when the Read DALI Gateway operation has not been performed, before the DALI Group Membership dialogue window is displayed. This operation is a single one-time event for the DALI Line and not required for subsequent DALI devices selected for rapid DALI grouping.
 - This workflow improvement results in a significant improvement in time of approx. **75%** compared to the time taken in v2.8.0 when working through project DALI devices one by one (approx. 12 secs down from approx. 48 secs).
 - This workflow improvement results in a significant improvement in time of approx. **54%** compared to the time taken in v2.8.0 when working through live DALI devices on the DALI Line one by one (approx. 5 mins 26 secs down from approx. 11 mins 42 secs).
 - Furthermore, when working with subsequent live DALI devices on the DALI Line the resulting workflow improvement is an additional **10x faster** compared to the time above as there is no need to additionally read properties for DALI devices (approx. 12 secs down from approx. 5 mins 26 secs).

New Open Using Feature

- Open Using is a new feature in C-Bus Commission providing easy access to a live C-Bus network using a temporary (BYO) C-Bus interface device different to that defined for the C-Bus network in the project.
 - This eliminates time and effort to modify the project to change/edit the C-Bus network's interface and having to revert the changes afterwards.
 - Open Using allows direct access to C-Bus Bridge networks without modifying the project topology.
 - The Open Using method offers Serial and Ethernet connection options, with the recent 20x successful Ethernet connections retained for easy reselection.
 - The C-Bus Devices node and the Network Devices section in the C-Bus Device workspace contain orange highlights and styling (borders and heading) to reflect when an Open Using session is active.
 - Information describing the Open Using status and connection method appear in a tooltip when hovering the mouse over the C-Bus Devices node (Explorer window) and the Network Devices section heading (C-Bus Device workspace).
 - Note, network related functionality in C-Bus Commission is limited when an Open Using session is active, namely Delete Network, Add Bridge Network, Open Bridge Network, Open and Scan Bridge Network and Make Network.
- Furthermore, if an Open Using session is active, it is possible to access and use the same network from C-Bus Toolkit.
 - The Network node (in the projects list) and the Units on Network (Unit node) also reflect the orange highlights and styling when an Open Using session is active from C-Bus Commission.
 - The Open Using status appears in a tooltip when hovering the mouse over the Network node (in the projects list) and the Units on Network (Unit node).
 - Note, network related functionality in Toolkit is limited when an Open Using session from C-Bus Commission is active, namely Edit Network, Delete Network, Add Network, Open Network, Open All Networks, Close Network, Close All Networks, Make Network and Readdress Network.

Support for L5501RBCP Shutter Relay

- This release includes full support for the C-Bus Shutter Relay – L5501RBCP (RELDDB1).
 - C-Bus Commission offers increased device support for commonly used C-Bus devices in a project.

C-Bus Automation and Application Controllers

- Support has been added for firmware version 2.1.0 of the C-Bus Automation Controller and C-Bus Application Controller. This applies to the following devices:
 - 5500NAC2 (SYS_NAC2)
 - 5500AC2 (SYS_AC2)

General Software Updates and Improvements

- A progress bar is now displayed in the Properties window while a project or a live network C-Bus or DALI device is being loaded (replacing the spinner).
- The supported .NET version is now version 8 (a download of .NET 8 may be required on installation of C-Bus Commission v2.9.0).

- Due to this update, the C-Bus Commission installer will now uninstall the previous C-Bus Commission application files before continuing with the installation.

Help File Update

- Updated help file contents to include the new features and improvements.

Fixes

Convert Relay

- The Convert Unit feature to convert legacy C-Bus Relay devices in a project to the new C-Bus Voltage Free Relays 5516RVF (RELDN16A), 5508RVF (RELDN8A) and 5504RVF (RELDN4A) now limits the maximum Turn On Threshold level to 99% if a value is found to be 100% previously.

Network Calculator

- The Network Summary (network calculator) is incorrectly using the values for new C-Bus Relay devices for any legacy C-Bus Relay devices on a network, i.e. the Current Consumption, Current Supply, etc for a C-Bus network are not correct.

Known Issues

- C-Bus devices are being displayed in a partially matched state (i.e. Exists on Network is “Unit Type” only) after the Extract or Extract All operation. **Workaround:** Refresh the C-Bus Devices workspace by loading another network node from the Explorer window, e.g. the Applications node, and then returning to the C-Bus Devices node. The correct matching state is presented.
- C-Bus Group mapping is missing in the C-Bus DALI-2 Gateway after Extracting the device from the live C-Bus network to the project.
- An error may be displayed after selecting multiple DALI devices in the project (intermittent behaviour). This error can be ignored (click OK).
- On occasion a delay may be seen in the time taken to see the network scan results begin to appear in the Network Devices section after starting a network scan.
- If the Properties window is relocated to the main workspace, after selecting a device in the Workspace tab, switching to the Properties tab occasionally clears the Properties window.
- The SpaceLogic C-Bus Commission software is not compatible with and cannot be installed onto Windows based PCs running ARM processors. No workaround exists at this time. Development investigations are currently underway to provide a solution.
- When switching from C-Bus Devices and Application Log view, Application Log will take time to refresh.
- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.

C-Gate 3.4.1

- This release includes C-Gate 3.4.1. For further details, refer to the C-Gate release notes later in this document.

SpaceLogic C-Bus Commission 2.8.0

Released

December 2024

What's New

Firmware Updater Improvements (C-Bus Digital Dimmers, Voltage Free Relays and Key Input Units)

- Should a firmware update process be interrupted for some reason, a connected device may remain in its “bootloader” mode. The Firmware Updater now recognises and supports the upgrade of the device’s firmware in this mode after certain device information is entered by the User. This eliminates the need to power cycle the device to return it to its normal operating mode.
 - Note, only one device can be upgraded at a time.
- Should a firmware update process be interrupted for some reason, a connected device may remain in its “updater” mode. The Firmware Updater now recognises and supports the upgrade of the device’s firmware in this mode.
- In the event a firmware upgrade fails, the message displayed has now been expanded to help advise the possible next steps.
- The process to upgrade the firmware is now optimised to skip certain file transfer activities to the device, should these steps have already been performed, or should the file versions found on the device be the same (NCC firmware and Dimmer Channel firmware). This eliminates unnecessary file transfer activities and reducing the end-to-end time to complete the firmware update.
- It is now possible to successfully complete the firmware upgrade process of a C-Bus Digital Dimmer which has channel banks that are not powered (no mains power).
 - Note, the firmware upgrade process for channel banks that are not powered will be skipped.

Help File Update

- Updated help file contents to include the firmware updater improvements and optimisations.

Fixes

- The Firmware Updater will now support the update of a device found in bootloader mode.

Known Issues

- On occasion a delay may be seen in the time taken to see the network scan results begin to appear in the Network Devices section after starting a network scan.
- The Network Summary (network calculator) is incorrectly using the values for new C-Bus Relay devices for any old C-Bus Relay devices on a network, i.e. the Current Consumption, Current Supply, etc for a C-Bus network are not correct.
- If the Properties window is relocated to the main workspace, after selecting a device in the Workspace tab, switching to the Properties tab occasionally clears the Properties window.
- The SpaceLogic C-Bus Commission software is not compatible with and cannot be installed onto Windows based PCs running ARM processors. No workaround exists at this time. Development investigations are currently underway to provide a solution.
- When switching from C-Bus Devices and Application Log view, Application Log will take time to refresh.

- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.

C-Gate 3.4.0

- This release includes C-Gate 3.4.0. For further details, refer to the C-Gate release notes later in this document.

SpaceLogic C-Bus Commission 2.7.0

Released

October 2024

What's New

Update Notifications

- This release includes the Schneider Electric Software Update system. By using this system, a Windows notification will be displayed when an update to SpaceLogic C-Bus Commission is available. When an update is available, there will be an option to download and install it when convenient (file also includes the latest version of C-Gate 3).

Scanning Networks and Loading Live Network Devices

- The C-Bus network scanning performance has been improved by approximately **10%** when compared to the time taken in v2.6.0. The time taken to scan a network in C-Bus Commission is now similar to the time taken in C-Bus Toolkit (approx. 3 min 5 sec).
 - C-Bus network details used for time measurements:
 - 58 C-Bus devices
 - C-Bus PC interface to a standalone network
 - Mix of older and new generation C-Bus devices
 - Application data already exists in the project for the network devices being scanned (no auto-creation activities occurring)
- The C-Bus scan results for a network that has already been scanned are now displayed for that network upon clicking the C-Bus Device node. A scan may have already been completed in C-Bus Toolkit and the need to scan a network again in the C-Bus Commission software has been eliminated, which saves time.
- An incompletely scanned live C-Bus network device can now be loaded into the Properties window after stopping a scan. The need to wait for a network scan to be completed before loading a live network device has been eliminated, which saves time.

Convert Relay

- The Convert Unit feature now supports the conversion process of an old C-Bus Relay device in a project to a new generation C-Bus Relay device, remapping the compatible properties for a seamless transition. This aids in a faster process to replace a Relay device and retain and reuse its existing programming.
- Supported conversions:

Old

C-Bus **L5504RVF** Voltage Free 4
Channel Relay device (RELDN4)
C-Bus **L5508RVF** Voltage Free 8
Channel Relay device (RELDN8)
C-Bus **L5512RVF** Voltage Free 16
Channel Relay device (RELDN12)



New

C-Bus **5504RVF** Voltage Free 4
Channel Relay device (RELDN4A)
C-Bus **5508RVF** Voltage Free 8
Channel Relay device (RELDN8A)
C-Bus **5516RVF** Voltage Free 16
Channel Relay device (RELDN16A)

Note, the remaining 4 channels of the 16 channel Relay remain in their default state.

C-Bus DALI-2 Gateway Firmware Version 1.10.0

- The software now supports the latest C-Bus DALI-2 Gateway firmware version 1.10.0, which resolves an issue where Logic Group functions did not work.
- The Firmware Updater includes the latest firmware version 1.10.0.

Extract C-Bus Device

- When extracting a C-Bus device from the live network to the project, the device in the project is temporarily disabled while the extract process is underway.

C-Bus Automation and Application Controllers

- Support has been added for version 2.0.0 of the C-Bus Automation Controller and C-Bus Application controller. This applies to the following devices:
 - 5500NAC2 (SYS_NAC2)
 - 5500AC2 (SYS_AC2)

Help File Update

- Updated help file contents to include the Software Updater, Convert Relay and Export Project to XML file option.

Fixes

- The time taken to display the list of C-Bus devices in the project has been significantly reduced, namely when the devices require a Device Name to be defined (i.e. devices viewed in C-Bus Commission for the first time after being added to the project in Toolkit). The time improvement experienced for larger networks may be over 90%.
- Create a bridge network from a live C-Bus Bridge device (Make Network), now extracts the near and far side devices after adding them to the project.
- For the new CCT/Hue and Saturation Groups within a DALI Device (Address Mapping), when changing the Application Index where a Group is already configured, should that group already be assigned to another mapping property a validation error is not displayed.

Known Issues

- On occasion a delay may be seen in the time taken see the network scan results begin to appear in the Network Devices section after starting a network scan.
- The Network Summary (network calculator) is incorrectly using the values for new C-Bus Relay devices for any old C-Bus Relay devices on a network, i.e. the Current Consumption, Current Supply, etc for a C-Bus network are not correct.
- If the Properties window is relocated to the main workspace, after selecting a device in the Workspace tab, switching to the Properties tab occasionally clears the Properties window.
- The SpaceLogic C-Bus Commission software is not compatible with and cannot be installed onto Windows based PCs running ARM processors. No workaround exists at this time. Development investigations are currently underway to provide a solution.
- When switching from C-Bus Devices and Application Log view, Application Log will take time to refresh.
- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.

C-Gate 3.4.0

- This release includes C-Gate 3.4.0. For further details, refer to the C-Gate release notes later in this document.

C-Gate 3.4.0

Released

October 2024

What's New

Updates to C-Gate include:

C-Bus Voltage Free Relays

Support the conversion to Voltage Free Relays 5516RVF (RELDN16A), 5508RVF (RELDN8A) and 5504RVF (RELDN4A).

Conversions:

- RELDN4 → RELDN4A
- RELDN8 → RELDN8A
- RELDN12 → RELDN16A

C-Bus Automation Controllers

Support firmware version 2.0.0 of Automation Controllers (SYS_NAC2, SYS_AC2).

C-Bus High Powered Digital Dimmers

Support firmware version 0.3.5 of High Powered Dimmer (DIMDH4).

C-Bus DALI-2 Gateway

Support firmware version 1.10.0 of C-Bus DALI-2 Gateway (SYS_DAL2).

Java Upgrade

Upgrade the Java runtime environment (JRE) to version 11.

Updated instructions to install C-Gate on Linux is described in the following section. Note, the availability of the C-Gate 3 Linux Package for download online is currently delayed, ETA 1-2 weeks.

Details

- Component: Java runtime environment (JRE)
- Vendor: Eclipse Adoptium
- OpenJDK version: 11.0.24+8

Fixes

None

Known issues

None

SpaceLogic C-Bus Commission 2.6.0

Released

August 2024

What's New

New C-Bus Voltage Free Relays

- This release includes full support for the new C-Bus Voltage Free 16, 8 and 4 Channel Relay devices – 5516RVF (RELDN16A), 5508RVF (RELDN8A) and 5504RVF (RELDN4A), including support for the latest release firmware version 1.0.0. When adding a new Relay to the project, it will be added as version 1.0.0 by default.
- The Firmware Updater includes the latest firmware version 1.0.0.

C-Bus DALI-2 Gateway and DALI Devices - Additional C-Bus Group Mapping Properties

- The C-Bus DALI-2 Gateway (5502CDGP230, SYS_DAL2) now supports C-Bus Lighting group mapping for control of Tunable White and RGB Colour control for DALI DT8 devices types.
Two new properties now appear in applicable sections for the C-Bus DALI-2 Gateway and DALI controllable devices – “CCT/Hue Group” and “Saturation Group” per below:
 - Broadcast Group*
 - DALI Groups 1 to 16
 - Virtual Groups 1 to 16
 - DALI Device Address MappingAdditional information:
 - The “Group Mapping” name has been changed to “Brightness Group”.
 - To control DALI Tunable White DT8 devices from C-Bus, the Brightness Group and the CCT/Hue Group properties must be configured – the Saturation Group property must remain “Unused”.
 - To control DALI RGB Colour DT8 devices from C-Bus, the Brightness Group, the CCT/Hue Group and the Saturation Group properties must be configured.
 - Configuring the CCT/Hue Group and the Saturation Group properties for devices other than DT8 will have no effect and are ignored by the C-Bus DALI-2 Gateway.
 - The Application Index defined for the Brightness Group also applies to the CCT/Hue Group and to the Saturation Group.
 - C-Bus Groups assigned to the Brightness Group, the CCT/Hue Group and to the Saturation Group (per the above list of sections) must be unique on the DALI Line, i.e. used only once for the DALI Line. Otherwise the mapping is invalid and control cannot be achieved.Known Issue:
 - CCT and RGB Colour control is not currently supported for the Broadcast Group (C-Bus DALI-2 Gateway Firmware limitation).

C-Bus DALI-2 Gateway Firmware Version 1.9.0

- The software now supports the latest C-Bus DALI-2 Gateway firmware version 1.9.0, which introduces the new C-Bus Group Mapping functionality mentioned above. When adding a C-Bus DALI-2 Gateway to the project, it will be added as version 1.9.0 by default.

- The Firmware Updater includes the latest firmware version 1.9.0.

Firmware Updater Window

- The Firmware Updater window is no longer embedded within the slide out Menu of the software. The window is now a standalone fixed window, eliminating the risk of accidentally closing it and potentially disrupting the firmware update process.

New Export Project Option - XML File Type

- It is now possible to export a SpaceLogic C-Bus Commission project back to the legacy XML file type format for use with legacy C-Bus tools such as Toolkit 1.16.x and C-Gate 2.x or earlier, or with 3rd party systems. Note, the resulting file will not include information relating to new C-Bus devices, DALI Devices, new C-Bus applications and any other new data that did not exist (not supported) in the previous legacy environment.

Help File Update

- Updated help file contents to include the new C-Bus Group Mapping functionality mentioned above (Tunable White and RGB Colour properties) of the C-Bus DALI-2 Gateway.

Fixes

- The “full stop” character is now supported (valid character) in Part Name field for all C-Bus devices.
- Within the Application table of the Scene Manager (new Key Input Unit devices) or the Controller Project List Manager window (C-Bus Automation and Application Controllers), after selecting multiple groups and then clicking slightly outside a checkbox of another group selection checkbox, this will clear all the selected checkboxes.
- A group or level name can be created based on an existing group or level name however with a leading and/or trailing space. This is invalid (creates duplicates) and is not maintaining uniqueness. (Fixed in release v2.5.0).
- An incorrect validation error message is displayed when an unsupported Application address is used. The message states “Application Address is already in use”, whereas it should state “Unsupported Application Address selected”. Address range is now limited to valid limited options only. (Fixed in release v2.5.0).
- After adding multiple devices from Toolkit using the Add Multiple function, when loading a project device into the Properties window in SLCC, the SAVE button will be enabled. This is due to the serial number property being empty. (Fixed in release v2.5.0).

Known Issues

- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.
- When switching from C-Bus Devices and Application Log view, Application Log will take time to refresh.
- From the new C-Bus Group Mapping functionality mentioned above, for DALI Devices when changing the Application Index where a Group is already configured, should that group already be assigned to another mapping property already a validation error is not displayed.
- The SpaceLogic C-Bus Commission software is not compatible with and cannot be installed onto Windows based PCs running ARM processors. No workaround exists at this time. Development investigations are currently underway to provide a solution.

C-Gate 3.3.4

- This release includes C-Gate 3.3.4 For further details, refer to the C-Gate release notes later in this document.

C-Gate 3.3.4

Released

August 2024

What's New

C-Bus High Powered Digital Dimmers

- Rename the unit type of High Powered Dimmer (5504DHD) from DIMDD4A to DIMDH4.

C-Bus Voltage Free Relays

- Support firmware version 1.0.0 of Voltage Free Relays 5516RVF (RELDN16A), 5508RVF (RELDN8A) and 5504RVF (RELDN4A).

C-Bus DALI-2 Gateway

- Support firmware version 1.9.0 of C-Bus DALI-2 Gateway (5502CDGP230, SYS_DAL2).

C-Gate Commands

- Support additional application addresses in TREE, TREEXML and TREEXMLDETAIL commands.
- Support catalogue number in TREEXML and TREEXMLDETAIL commands.
- Introduce Last Sync Time value of a network in GET command.

Fixes

- Concurrency issue of multiple client applications working on the same C-Bus device (scanning and deploying).

Known issues

None

SpaceLogic C-Bus Commission 2.5.0

Released

July 2024

What's New

Additional Features for New Saturn and Saturn Zen Key Input Units

- Audio Widget support – control a zone of audio from the Key Unit.
- Audio and Media Transport action types in Sequence Manager – include audio actions into a Sequence.
- Lighting Label and Scene Trigger Label in Sequence Manager – include sending a label action into a Sequence (for compatible C-Bus devices on a network).
- Enable Scene Repair option in Scene Widget – choose if indicator reflects status of a broken scene once restored.

Help File Update

- Update help file with Key Input unit.

DALI-2 Gateway Firmware Update

- Firmware updater now includes the new DALI-2 Gateway firmware version 1.8.0.
- The default firmware version for a DALI-2 Gateway added to the project has been updated to 1.8.0.

New C-Bus Application Support – Audio and Media Transport Applications

- Add and delete Audio and Media Transport applications for a C-Bus network.
- Add and delete content within a dedicated workspace for the Audio and Media Transport applications.

Digital Dimmer Live Load Testing

- When using a custom load profile for a channel of the new Digital Dimmers, it is now possible to perform live testing of the channel to explore and test the behaviour before deployment.

Fixes

- A LSS5500NAC/SHAC device description is now displayed correctly.
- Performance improvement when displaying devices in the project workspace from a project where device names do not exist.
- Unable to resize the C-Bus Commission window via right or bottom corner.
- Device Extract operation fails sometimes .
- Measurement application values is now presented correctly from Live Network in Application log section.
- Allowing the same value (20V) to be set on both C-Bus Voltage Warning threshold and C-Bus Voltage Critical Set thresholds.

Known Issues

- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.
- When switching from C-Bus Devices and application log view, application log will take time to refresh.
- Measurement value is displayed on short address instead of Object ID
- Phantom DALI lines will display after readdressing DALI Gateway
- A group or level name can be created based on an existing group or level name however with a leading and/or trailing space. This is invalid (creates duplicates) and is not maintaining uniqueness.
- After adding multiple devices from Toolkit using the Add Multiple function, when loading a project device into the Properties window in SLCC, the SAVE button will be enabled. This is due to the serial number property being empty. **Workaround:** Click the SAVE button which will save the default serial number for the device (all zeros).
- An incorrect validation error message is displayed when an unsupported Application address is used. The message states "Application Address is already in use", whereas it should state "Unsupported Application Address selected".
- Within the Application table of the Scene Manager, after selecting multiple groups and then clicking slightly outside a checkbox of another group selection checkbox, this will clear all the selected checkboxes.

C-Gate 3.3.3

- This release includes C-Gate 3.3.3 For further details, refer to the C-Gate release notes later in this document.

C-Gate 3.3.3

Released

July 2024

What's New

C-Bus Key Input units

- Support firmware version 1.3.0 of C-Bus Key Input units (KEYB2A, KEYB4A, KEYB6A, KEYH1A, KEYH2A, KEYH3A, KEYH4A).

Home Controller

- Support firmware version 5.4.0 of Home Controller (SYSWSR2).

C-Bus Automation Controllers

- Support firmware version 1.18.0 of C-Bus Automation Controllers (SYS_SHAC, SYS_NAC, SYS_NAC2, SYS_AC2).

New applications data structure

- Introduce the data structure of Audio application and Media Transport application.

Performance improvement

- Support cross pages parameters RECALL of C-Bus devices (DIMDD4, DIMDD8, KEYB2A, KEYB4A, KEYB6A, KEYH1A, KEYH2A, KEYH3A, KEYH4A).

Fixes

- Unable to set the group address of DALI Line A Object 0 (SYS_DAL2).
- The catalogue number of a network device is not updated after replacing the device in the same address (All C-Bus devices).

Known issues

None

SpaceLogic C-Bus Commission 2.4.0

Released

May 2024

What's New

New Features for New Saturn and Zen Key Input Units

- Multi Toggle Widget
- Linked Widget
- Enable Scene Repair Option
- New Key Functions – Preset on Short Press and Preset on Long Press for Lighting and enable Widget
- Sensor Stabilisation time delay for temperature and humidity

Help File Update

- Update help file with Key Input unit.

DALI-2 Gateway Firmware Update

- Firmware Update for DALI-2 Gateway version 1.8.0 is available.

Features v1.8.0 vs v1.7.0

- Bug Fixes
 - Fix issue where Measurement Application messages used Short Address instead of Object ID as channel number
 - Fix issue where under some circumstances gateway participated in C-Bus status correction for unused groups
- Default Firmware added to the project has been updated to 1.8.0 for DALI-2 Gateway

Fixes

- Fixed the error “Device not ready” when try to load devices in project.
- Reliability improvement when scanning network
- Stability improvement on overall software
- Unit over temperature property in Digital Dimmer is not showing
- Update Status Request Interval for New Wall Plates Unit to be consistent with Legacy, renamed the field to Status Report.
- Default settings for indicator for New Wall Plates units is now consistent with legacy devices, where Standby brightness indicator in indicator section is now updated to 100% when adding a new device from the library.
- Switching projects 10 or more times will result in a decrease in software performance.
- Clicking on the Main Menu repeatedly will result in a decrease in software performance.

Known Issues

- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.
- Phantom DALI lines will display after readdressing DALI-2 Gateway
- After deployment and switching back to Property Editor view, enable levels will not be able to edit.
Workaround: *Unselect and reselect the device again.*
- For the new Saturn and Saturn Zen Key Units, widgets that are not assigned in the key may be listed for the Control widget property (within the Linked widget) if that Linked widget is reused in another key. **Workaround:** Click on the Save button in the Properties window after configuring a Linked widget before proceeding to configure other keys.

Known Issues in Key Input unit firmware

"Linked events of "Control Widget Turns On" and "Control Widget Turns On" do not function correctly when used with Retrigger Timer key function in firmware v1.1.0".

C-Gate 3.3.2

- This release includes C-Gate 3.3.2 For further details, refer to the C-Gate release notes later in this document.

C-Gate 3.3.2

Released

May 2024

What's New

Updates to C-Gate include:

C-Bus Automation Controllers

- Support firmware version 1.17.0 of C-Bus Automation Controllers (SYS_SHAC, SYS_NAC, SYS_NAC2, SYS_AC2).

C-Bus DALI-2 Gateway

- Support firmware version 1.8.0 of C-Bus DALI-2 Gateway (SYS_DAL2).

C-Bus Digital Dimmer

- Support reading group addresses during QSYNC command (DIMDD4, DIMDD8).

Fixes

- Incorrect device description of C-Bus Network Automation Controller (SYS_NAC, SYS_SHAC).
- Incorrect default value of Standby Brightness indicator and Feature Enable of Linked Widgets (KEYB2A, KEYB4A, KEYB6A, KEYH1A, KEYH2A, KEYH3A, KEYH4A).
- Incorrect default value of Standby Brightness indicator (KEYB2A, KEYB4A, KEYB6A, KEYH1A, KEYH2A, KEYH3A, KEYH4A).
- The issue of reading and saving Dimming Curve Selection and Dimming Profile Selection (DIMDD4, DIMDD8).
-

Known issues

None

SpaceLogic C-Bus Commission 2.3.0

Released

April 2024

What's New

Support for New Saturn and Zen Key Input Units

This release includes full support for the new Saturn and ZEN key input units (KEYB2A, KEYB4A, KEYB6A, KEYH1A, KEYH2A, KEYH3A, KEYH4A). This supports configuring and commissioning of the device from project to network.

- **Features:**

- 4 profiles
- 4 Lighting Applications
- Lighting, Enable, Trigger, Fan Cycle, Timer, Shutter Relay, Scene and Sequence Widgets
- Per-key setting of ramp rate
- Per-Key setting of indicator on and off state colour
- 8 Pre-defined colours
- 2 User-definable indicator colours
- 5 dynamically controllable indicator colours
- Multiple Lighting Applications
- Sequence Manager
- Scene Manager
- Scene Toggle/Ramp
- Corridor Linking
- Error Reporting
- Nightlight Configuration
- Standby Configurations
- Temperature and Humidity available via Measurement Application
- High/Low Temperature and Humidity alarms
- Sequences

Help File

Update help file with Key Input unit.

Fixes

- User cannot transfer 4 channel to 8 channel and vis versa.
- Reliability improvement when scanning network
- Stability improvement on overall software

Known Issues

- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.
- Clicking on the Main Menu repeatedly will result in a decrease in software performance.
- Switching projects 10 or more times will result in a decrease in software performance.
- Measurement application values presented from the live network may not appear truncated and rounded to reasonable decimal places.
- Unit over temperature property in Digital Dimmer is not showing
- When switching from C-Bus Devices and application log view, application log will take time to refresh.
- Measurement value is displayed on short address instead of Object ID
- Phantom DALI lines will display after readdressing DALI Gateway

C-Gate 3.3.1

This release includes C-Gate 3.3.1 For further details, refer to the C-Gate release notes later in this document.

C-Gate 3.3.1

Released

April 2024

What's New

None

Fixes

None

Known Issues

None

C-Gate 3.3.0

Released

April 2024

What's New

Updates to C-Gate include:

C-Bus DALI-2 Gateway

Additional Measurement and Error Reporting application parameters are now supported in this release.

C-Bus Digital Dimmers

The Digital dimmer devices are now supported in the network calculator in this release.

In this release, support has been added for the dimmer mode and override flags in SET Commands in the C-Bus Digital Dimmer device DIMDD4 (5504D2D) and DIMDD8 (5508D1D).

Key Input Devices

The default firmware version has been updated to version 1.1.0 in this release.

Performance Improvement

Support has been added for the extended range of C-Bus replies for both digital input and output devices in this release.

C-Bus Automation Controller and Application Controllers

In this release, support has been added for version 1.16.0 of the C-Bus Automation Controller and C-Bus Application controller. This applies to the following devices:

- SYS_SHAC (5500SHAC & LSS5500SHAC)
- SYS_NAC (5500NAC & LSS5500NAC)
- SYS_NAC2 (5500NAC2)
- SYS_AC2 (5500AC2)

Fixes

- Unexpected error when scanning C-Bus Universal Dimmer device (DIMDU4).
- Project conversion issues:
- Some projects appear with a “Failed” status (in C-Bus Commission and Toolkit), which may result from:
 - A conflict in the conversion process between project files
 - Importing a Toolkit backup project and proceeding to replace an existing project
 - XML files that are not actually project files (e.g. device template files)
 -
 - Device template file is not being handled and incorrectly recognised as a normal project.

- The conflict between the project XML files in backup folder and the XML file in Projects root folder, during Toolkit Project Restore operation.
 - Project not converted successfully is not reflected as Failed in PROJECT DIR command.
- When a project file is imported and replaced using Toolkit the XML project file shall not remain in the root project folder.
- Project XML files will be restored if a project conversion has failed.

Known Issues

None.

SpaceLogic C-Bus Commission 2.1.2

Released

January 2024

What's New

New C-Bus Digital Dimmer firmware released

New firmware is now available for the DIMDD4 (5504D2D) and DIMDD8 (5508D1D) C-Bus Digital Dimmer devices and is version 1.3.0. This is seen in the Firmware Updater window and is also the default firmware version when adding a new device to a network.

Channel Dimming Mode comparison when deploying the C-Bus Digital Dimmers

As required for the C-Bus Digital Dimmer version 1.3.0 firmware, the dimming mode for each channel must be confirmed during the device installation process. The software now performs a comparison upon deployment of a C-Bus digital dimmer, checking for differences between the dimming mode set for all channels of the dimmer within the software versus the dimmer on the live network. If any differences are found, a window is then presented including the results and instructions for next steps (continue to deploy or cancel).

Updated Custom Load Profile settings and default values (C-Bus Digital Dimmers)

The custom load profile settings and default values of the C-Bus Digital Dimmer have been updated to improve the dimmer performance for certain load types and when setting a Mains Frequency of 60 Hz. Changes apply to the following properties: Minimum Brightness and Maximum Brightness, Soft Turn On and Soft Turn Off, Kickstart Brightness and Kickstart Turn On.

Fixes

- When performing a Transfer to or Retrieve from a C-Bus Automation Controller and Application Controller, if a Level name already exists in a Lighting application, it is not counted and presented within the Duplicate count.
- C-Bus DALI-2 Gateway keeps displaying "C-Gate Error" when extracting that was previously loaded (Full Gateway Scan required after DALI line changes).
- Stop Identify (DALI device) was not always successful.
- The loading of live DALI devices into the PE was not displaying the correct information.

Known Issues

- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.
- Clicking on the Main Menu repeatedly will result in a decrease in software performance.
- Switching projects 10 or more times will result in a decrease in software performance.

- Measurement application values presented from the live network may not appear truncated and rounded to reasonable decimal places.
- When transferring to a C-Bus Automation Controller and Application Controller, updating a Tag Map name will create an Object if one does not exist, this can result in additional objects created in C-Bus Automation Controller and Application controller that were not defined in the Object List of software.

C-Gate 3.2.3

This release includes C-Gate 3.2.3 For further details, refer to the C-Gate release notes later in this document.

C-Gate 3.2.3

Released

January 2024

What's New

Updates to C-Gate include:

- Support firmware version 1.3.0 of DIMDD4 (5504D2D) and DIMDD8 (5508D1D) C-Bus Digital Dimmer devices.

Fixes

- None

Known Issues

- Incorrect project conversion status reflected in C-Bus Commission or Toolkit upon restart.
Workaround: Close all C-Bus commissioning clients (both C-Bus Commission software and Toolkit) and restart the application(s).
- Some projects appear with a "Failed" status (in C-Bus Commission and Toolkit), which may result from:
 - A conflict in the conversion process between project files
 - Importing a Toolkit backup project and proceeding to replace an existing project
 - XML files that are not actually project files (e.g. device template files)

SpaceLogic C-Bus Commission 2.1.0

Released

December 2023

What's New

Import and Export of projects.

You can now Export and Import your projects to share with your team or keep as a backup. Only single project files are supported.

Notification upon loss of C-Gate connection.

Users will now see a notification if C-Gate has lost connection at any time.

Notification upon closing the project, switching projects, or exiting the software if deployment activities are in progress or if a network scan is in progress.

User will now receive notification upon closing, switching, or exiting the software if the deployment activities are in progress. Users will need to cancel all other waiting activities before performing these functions.

New properties in the Error Reporting category of the new C-Bus Digital Dimmers (dimmer firmware v1.1.0).

Users can now configure more error reporting properties for the new digital dimmers. Users can now set error reporting for C-Bus voltage warning set and clear, C-Bus voltage critical set and clear thresholds and C-Bus power supply warning set and clear thresholds.

New properties in the Measurement category of the new C-Bus Digital Dimmers (dimmer firmware v1.1.0).

User can now configure more measurement parameters for regular broadcast options.

Support for local interface device unit type on live network (PCLOCAL4 and PCLOCALU).

Users can now configure, deploy, and extract with PCLOCAL4 and PCLOCALU devices.

Notification when closing a network when there are deployment activities in progress or when network scanning is in progress

Users will now receive notification upon closing a network if there are deployment activities in progress. Users will need to cancel all other waiting activities before performing these functions.

Disallow extract of unmatched C-Bus Bridge devices

Users will not be allowed to extract C-Bus Bridge devices if they are unmatched. There must be an existing bridge device in the project to be able to extract the device from live.

New Status column in the C-Bus Network Devices section.

A Status column has been added to the C-Bus Network Devices section of the C-Bus Devices workspace. This column contains a firmware notification icon against each applicable device when a newer version of firmware is available for a live device scanned on the network.

New C-Bus DALI-2 Gateway firmware.

The latest firmware for the C-Bus DALI-2 Gateway is version 1.7.0. This is seen in the Firmware Updater window and is also the default version when adding a new device to a network. C-Bus DALI-2 Gateway firmware version 1.6.0 has been removed from the software.

Fixes

- C-Bus DALI-2 Gateway and DALI Device Primary Control Function now includes instant ramp.

To support C-Bus DALI-2 Gateway firmware version 1.7.0, the C-Bus DALI-2 Gateway and DALI Device Primary Control Function has been updated to support an Instant setting. The 8.0 sec value has been removed from the Primary Control Function options. If you have an existing C-Bus DALI-2 Gateway or DALI Device configured, please check your Primary Control Function settings as the values have changed from the previous configuration by one setting.

- Levels are missing when transferring to a C-Bus Automation Controller and Application Controller.

New/additional levels within groups that already exist within the C-Bus Automation Controller and Application Controller were not being transferred from the software to the C-Bus Automation Controller and Application Controller. This issue is now resolved where new levels will be successfully added to existing groups on the next transfer from the software to the C-Bus Automation Controller and Application Controller.

- Some projects not able to convert to new project files
- Software freezing during Digital Dimmer deployment

- Levels missing when transferring to a C-Bus Automation Controller and Application controller
- Export logs will always show if the file was created
- When upgrading the firmware of Digital Dimmers or the DALI-2 Gateway, the new firmware version will not be reflected in the live network section of the workspace until a rescan of the network is performed
- In Bridge units, when remote C-Gate Applications are both unchecked, the policy rules were still enabled
- When connecting to the Automation Controller and Application controller, the user could not use the enter key on the keyboard to proceed with login

Known Issues

- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.
- Clicking on the Main Menu repeatedly will result in a decrease in software performance.
- Switching projects 10 or more times will result in a decrease in software performance.
- Measurement application values presented from the live network may not appear truncated and rounded to reasonable decimal places.
- When transferring to or retrieving from a C-Bus Automation Controller and Application Controller, if a Level name already exists in a Lighting application, it is not counted and presented within the Duplicate count.
- When transferring to a C-Bus Automation Controller and Application C-Bus Automation Controller and Application Controller, updating a Tag Map name will create an Object if one does not exist, this can result in additional objects created in C-Bus Automation Controller and Application controller that were not defined in the Object List of software.

C-Gate 3.2.2

This release includes C-Gate 3.2.2. For further details, refer to the C-Gate release notes later in this document.

C-Gate 3.2.2

Released

November 2023

What's New

Updates to C-Gate include:

- Update C-Bus DALI-2 Gateway firmware version default to version 1.7.0.
- Device update to support C-Bus DALI-2 Gateway and DALI Device Primary Control Function.
- Added support for C-Bus Network Devices section firmware update notification.
- Fixed the transfer of new levels to a C-Bus Automation Controller and Application Controller within existing groups

Fixes

Project conversion in "Failed" or "Waiting" state.

- A data migration bug that may affect the conversion of some projects from XML to the new format is now resolved.

Known Issues

- C-Gate may still be running after closing the software.
- After the installation is complete, C-Gate will start up automatically.

SpaceLogic C-Bus Commission 2.0.0

Released

October 2023

Introduction

Welcome to the new SpaceLogic C-Bus Commission software. With this release, the C-Bus Commission software offers capabilities to design a C-Bus project and incorporate the new C-Bus DALI-2 Gateway and DALI devices as well as the new C-Bus Digital Dimmer devices.

A shortlist of activities that can be performed include:

- Create new, open and work with existing C-Bus Projects
- Support standalone and bridge C-Bus network topologies
- Add, Delete and Edit C-Bus application data
 - Including the newly supported applications Error, Measurement, and Emergency & Exit Lighting
- Add, Readdress and Delete C-Bus devices
- Configure supported devices
- Open and scan C-Bus networks
- Deploy and extract supported devices
- Update C-Bus device firmware
- Define DALI lines
- Create and pre-program / plan DALI ECG devices
- Scan, Unravel, Identify and Reconcile DALI devices with the project
- Configure and deploy to DALI devices
- Deploy C-Bus applications from a project to a C-Bus Automation Controller and Application Controller tag map for supported applications
- Deploy a customised list of objects uniquely assigned per C-Bus Automation Automation Controller and Application Controller
- Extract network and tag maps from all networks in a C-Bus Automation Controller and Application and update them in the project
- Extract object lists from a C-Bus Automation Controller and Application and add them to the project
- Create and save customised load profiles as supported by the new C-Bus digital dimmers

Need to Know

The new C-Bus Commission software is built upon and includes a new version of C-Gate (C-Gate 3.2.0). The new version of C-Gate requires that updates are performed to the broader suite of C-Bus software installed on the PC including C-Bus Toolkit, plus other applications such as Piced, etc.

If you have C-Bus Toolkit V1.16.x or earlier currently installed on your PC, you **must** also install the latest release of C-Bus Toolkit (V1.17.0 or later) accompanying this release of C-Bus Commission. Both C-Bus Toolkit and C-Bus Commission software applications are bundled with C-Gate 3.2.0.

For correct operation, other C-Bus software installed on your PC, such as Piced, HomeGate, etc. must also be updated to work with C-Bate 3.2.0.

The new software approach to design, configure and commission a C-Bus solution is an evolution of known methods. The C-Bus Commission software enables the configuration and deployment to new

C-Bus devices including the new C-Bus DALI-2 Gateway and DALI devices as well as the new C-Bus Digital Dimmer devices. C-Bus Toolkit can continue to be used for other C-Bus devices in your project.

This multi-tool approach offers a level of synergy between both C-Bus software applications. Use both C-Bus Toolkit and C-Bus Commission for the task at hand, meaning for key fundamental design functionality you could use either, for supported C-Bus devices use C-Bus Commission and for remaining C-Bus devices use C-Bus Toolkit. Outstanding functionality can still be performed in C-Bus Toolkit as per usual.

Importantly, you can work on the same C-Bus project from either the C-Bus Toolkit software or the C-Bus Commission software. The same project file is used.

What's New

New Project Format

This release includes support for the new project file format used by C-Gate 3.2.0. Only projects that have been successfully converted can be opened.

⚠ *Once projects have been converted to the new format, they cannot be used by C-Gate 2 or below.*

The project conversion process creates a backup of the old project file, which can be found in

C:\Users\YourUserName\Documents\C-Bus Commission 2\Projects\ProjectName\XML Backup Files

where

- *YourUserName* is the name of your user account
- *ProjectName* is the name of the C-Bus project that was converted

⚠ *We strongly recommend creating a separate back up of projects before installing and running this release.*

If project files are being shared between team members, then all people working on that project will have to upgrade to this release of C-Bus Commission, as well as upgrade to C-Bus Toolkit 1.17.0 (or later) at the same time.

C-Bus Toolkit versions less than 1.17.0 still include and use C-Gate 2. These C-Bus Toolkit versions must not be re-installed onto a PC that has been updated to use C-Bus Commission and C-Bus Toolkit 1.17.0. This is because C-Gate 2 and C-Gate 3 cannot co-exist on the same PC.

Updated User Interface

The C-Bus Commission user interface has been revamped to give it a fresher, modern look, but many operations will still feel familiar to long time C-Bus Toolkit users.

Window Layouts

Docking and undocking of windows is now supported to allow the layout to be customised to suit the task being performed. Any customised layout will be remembered and restored the next time the application is started, which can be enabled or disabled via the Settings > General Settings > Remember Window Layout option.

Projects

Unlike C-Bus Toolkit, C-Bus Commission allows you to only work with one active project at a time. The current open project will be closed when you switch to another project. This means that once a project is opened, the project Explorer window only displays that single project.

The project hierarchy displayed in the Explorer window for an open project now includes the DALI lines that are accessible from each C-Bus network. These can be found under the DALI Devices node. DALI lines are automatically added to the node when C-Bus DALI-2 Gateway devices are added to a C-Bus network in the Devices in Project list of the C-Bus Devices node.

C-Bus Device Name

C-Bus Commission introduces a Device Name property for C-Bus devices. It exists to supersede the Tag Name field as you know it from C-Bus Toolkit.

Upon opening an existing project and selecting a C-Bus network for the first time, the C-Bus Commission software will work through the list C-Bus devices and populate the Device Name property with a unique Device Name.

If a Tag Name or Part Name have already been defined for a device, then either of them will be used for the new Device Name property. A Tag Name other than NEWUNIT will be used before the Part Name. If the Part Name is also NEWUNIT then the device's catalogue number will be used.

The Device Name can be modified and saved using the "Name" property at the top of the Property Editor for a selected device.

When adding devices to a project using the Add Multiple function of the Library, you have the option to define the Device Name at this time to speed up this process in new projects. When adding devices one at a time to a project, the Device Name will be defined as a catalogue number by default.

Properties (Property Editor)

C-Bus Commission now provides an integrated editor for device properties. This is a significant change to the unit dialogs used in C-Bus Toolkit. Properties are organised into categories of related properties and are adaptive (enable, disable, etc) based on values being selected. Categories can be expanded or collapsed to suit, but this state is not persisted between sessions.

To display the properties for a project device, single click on a device in the C-Bus Devices > Device in Project or DALI Devices > DALI Line > Devices in Project lists.

To display the properties for a network device, double click on a device in the C-Bus Devices > Network Devices or DALI Devices > DALI Line > Line Devices lists.

Changes are saved by clicking the Save button at the bottom of the Properties window. Likewise, they can be cancelled by clicking the Cancel button at the bottom of the Properties window. Changes can be saved back to the project or network device at the same time by selecting the Deploy to Network or Save to Project option.

Deployment Queue

C-Bus Commission now provides an integrated queue for viewing the status of jobs that are transferring configurations between project and network devices. This means that you can now

continue to work on other devices while the configuration of one is being saved to/from the network, which represents a significant improvement from C-Bus Toolkit.

Catalogue Library

C-Bus Commission now provides an integrated catalogue of C-Bus and DALI devices. The Library window is adaptive and displays C-Bus devices when a C-Bus Devices node is selected in the Explorer window and displays DALI devices when a DALI line node is selected in the Explorer window.

The Library window allows you to search for and filter devices based on given criteria to make it easier to find the required device. A single instance of a device can be added by either double-clicking it, dragging it to the Workspace area, or clicking the Add button. Multiple instances of the device can be added by using the Add Multiple option from the Add button.

C-Gate Runtime

C-Bus Commission automatically starts and stops C-Gate locally when it is started and stopped. This is regardless of whether C-Gate is running in service or console mode.

C-Bus Commission will not attempt to stop C-Gate if there are other clients such as, for example, Schedule Plus or C-Bus Toolkit connected to it.

C-Bus DALI-2 Gateway

This release adds support for the C-Bus DALI-2 Gateway (5502CDGP230) and DALI devices.

DIMDD4 / DIMDD8 Dimmers

This release adds support for the DIMDD4 (5504D2D) and DIMDD8 (5508D1D) dimmer devices.

Supported C-Bus Devices

Within this release of C-Bus Commission, only the below listed C-Bus devices are fully supported at this stage. Any remaining C-Bus devices must be configured and commissioned in C-Bus Toolkit.

- 5502CDGP230 – C-Bus DALI-2 Gateway (and DALI devices)
- 5504D2D and 5508D1D – Digital Dimmers
- 5500NB – Network Bridge
- 5500PC (PCINT4), SLC5500PC (PCINT4), 5500PCU – PCI Interface
- 5500CN2 – CNI Interface
- 5500NAC, 5500NAC2, 5500SHAC, 5500AC2, LSS5500NAC, LSS5500SHAC – C-Bus Automation and Application Controllers
- 5200WHC2, WHC2_5918 – C-Bus Wiser 2 Controllers

Supported means all properties/options can be configured, with Deploy to and Extract from a matched C-Bus device on the live network possible.

Software Features (New)

C-Bus:

- Create, Open, Close and Rename project
- Add Single and add multiple C-Bus devices to project / Delete devices from project
- Configure, Extract and Deploy supported devices
- C-Bus applications supported: Lighting (48-127), Enable, Trigger, Error Reporting, Measurement, Emergency Exit Light
- Application Log

- Firmware Updater – latest firmware for C-Bus devices
- General Settings
- Transfer to and Retrieve from a C-Bus Automation Controller and Application Controller
- Open/Scan/Unravel C-Bus networks
- Convert existing LE dimmers to new Digital dimmers
- Deployment Queue

DALI:

- Add Single and add multiple DALI devices to project / Delete devices from project
- Configure DALI devices in project and network: DT1, DT6, DT0, DT6 part of DT8
- Deploy and Extract of DALI devices
- Readdress Short Address in project and live
- Identify, 50/50 Identify and reconcile device
- Quick scan, Extended scan of DALI lines / Full Gateway Scan
- Reset/Remove/Replace DALI Devices
- Discover Faults on DALI lines
- Address all Unaddressed DALI devices

Future Features Planned for Development

- Edit Network
 - Currently C-Bus Commission has no method for editing the interface settings of a network, preventing users from defining a new serial port or interface type for the network
 - This feature will be added in the future, along with a new feature called Open Using that allows a temporary interface to a network to be opened without the need to modify the project's designed network topology
- Extract and Deploy all C-Bus devices (include unsupported devices)
 - Currently C-Bus Commission does not provide the means to extract or deploy C-Bus devices that do not have a full implementation within the Properties window.
 - Currently C-Bus Commission and C-Bus Toolkit are required to be used together in sequence to extract or deploy C-Bus devices that are supported within each application (see the supported C-Bus devices section within these release notes)
- Import and Export of project
 - Currently C-Bus Commission does not provide the ability to import or export projects
 - This feature remains in C-Bus Toolkit 1.17.0 and it will import / export all project contents created for the project
- Dimmer Load Profile live testing
 - Currently the digital dimmer configuration must be deployed to the device and tested using C-Bus commands to observe the impacts of their modifications
 - In a future release of C-Bus Commission a feature will be added that will allow for rapid validation of configuration changes against a load when creating a custom load profile or dimming curve for the new C-Bus digital dimmers
- Network Topology view
- Network Calculator
 - Currently C-Bus Commission does not provide the ability to calculate network metrics for devices within the project

- This feature is still present in C-Bus Toolkit 1.17.0 (and above) and supports all new C-Bus devices that are supported by C-Bus Commission

Known Issues

- A slight delay may be seen when switching views back and forth between the Measurement and Error applications where a large amount of data (150 items or more) exists.
- Clicking on the Main Menu repeatedly will result in a decrease in software performance.
- Switching projects 10 or more times will result in a decrease in software performance.
- When upgrading the firmware of Digital Dimmers or the DALI-2 Gateway, the new firmware version will not be reflected in the live network section of the workspace until a rescan of the network is performed.
- Measurement application values presented from the live network may not appear truncated and rounded to reasonable decimal places.

C-Gate 3.2.0

This release includes C-Gate 3.2.0. For further details, refer to the C-Gate release notes later in this document.

 *This release of C-Bus Commission is not compatible with C-Gate 2 and below.*

 *C-Gate 2 and C-Gate 3 cannot co-exist on the same PC.*

Other Fixes

None

C-Gate 3.2.0

Released

October 2023

What's New

Folder Changes

This release changes where the C-Gate application and its project files are stored on disk.

C-Gate is now installed into C:\Program Files\Schneider Electric\C-Gate 3 by default.

Project files are stored in C:\Users\YourUserName\Documents\SpaceLogic C-Bus Commission 2\Projects

Project Format Change

This release introduces a new database format for projects, replacing the old XML format.

⚠ *This new project format is not editable outside of C-Gate and other associated C-Bus software.*

⚠ *This new project format is not compatible with C-Gate 2 or below.*

Old format projects are converted by C-Gate automatically to the new format as a background task when C-Gate is started. Projects are converted according to their last modified date, meaning that the most recently used will be converted first. Projects waiting to be converted or in the process of conversion cannot be opened until they have been successfully converted.

After conversion, backups of the old format projects can be found in

C:\Users\YourUserName\Documents\ C-Bus Commission 2\Projects\ProjectName\XML Backup Files

where

- *YourUserName* is the name of your user account
- *ProjectName* is the name of the C-Bus project that was converted

⚠ *We strongly recommend creating a separate back up of projects before installing and running this release.*

C-Bus DALI-2 Gateway

This release adds support for the C-Bus DALI-2 Gateway (5502CDGP230) and DALI devices.

DIMDD4 / DIMDD8 Dimmers

This release adds support for the DIMDD4 (5504D2D) and DIMDD8 (5508D1D) dimmer devices.

Other Fixes

None