SpaceLogic C-Bus Commission Software

Open Using

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Aim of this Document

The aim of this document is to highlight the **Open Using** feature when opening a C-Bus Network in the SpaceLogic C-Bus Commission software application.

The contents of this document have been developed using:

- C-Bus Toolkit v1.18.1
- SpaceLogic C-Bus Commission v2.9.0

The contents of this document are as follows:

1. What is the Feature?
2. SpaceLogic C-Bus Commission
3. C-Bus Toolkit
4. Disabled Function
5. Example C-Bus Solution

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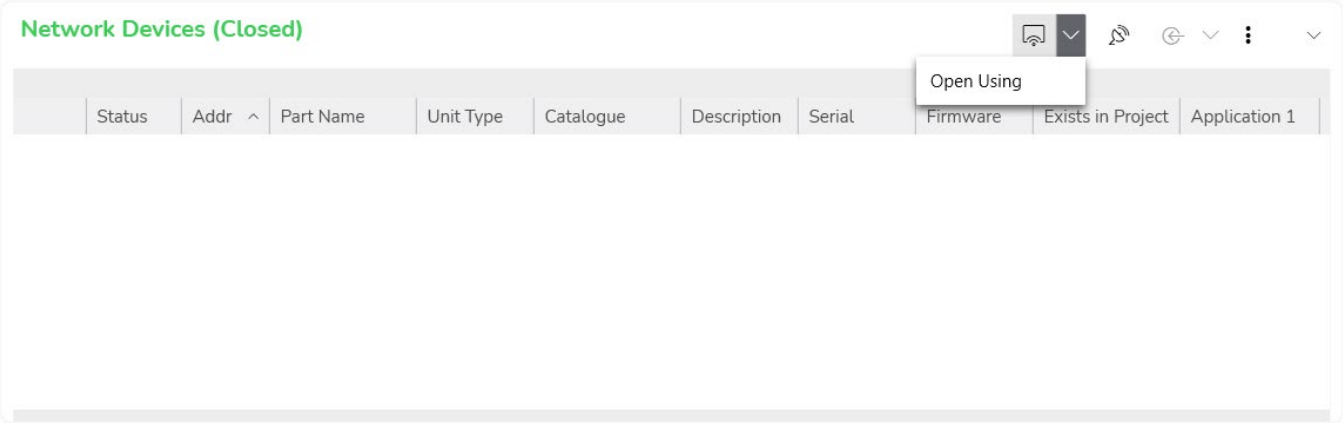
Open Using Feature: What is it?

The **Open Using feature** offers the user the ability to access a C-Bus Network using a **Temporary C-Bus Interface** device that is not defined in the project, this allows:

- Temporary access to a local C-Bus Network or bridged C-Bus Network without the need to change the originally set interface
- Access to a C-Bus bridge network, helping for faster commissioning without compromising the network topology

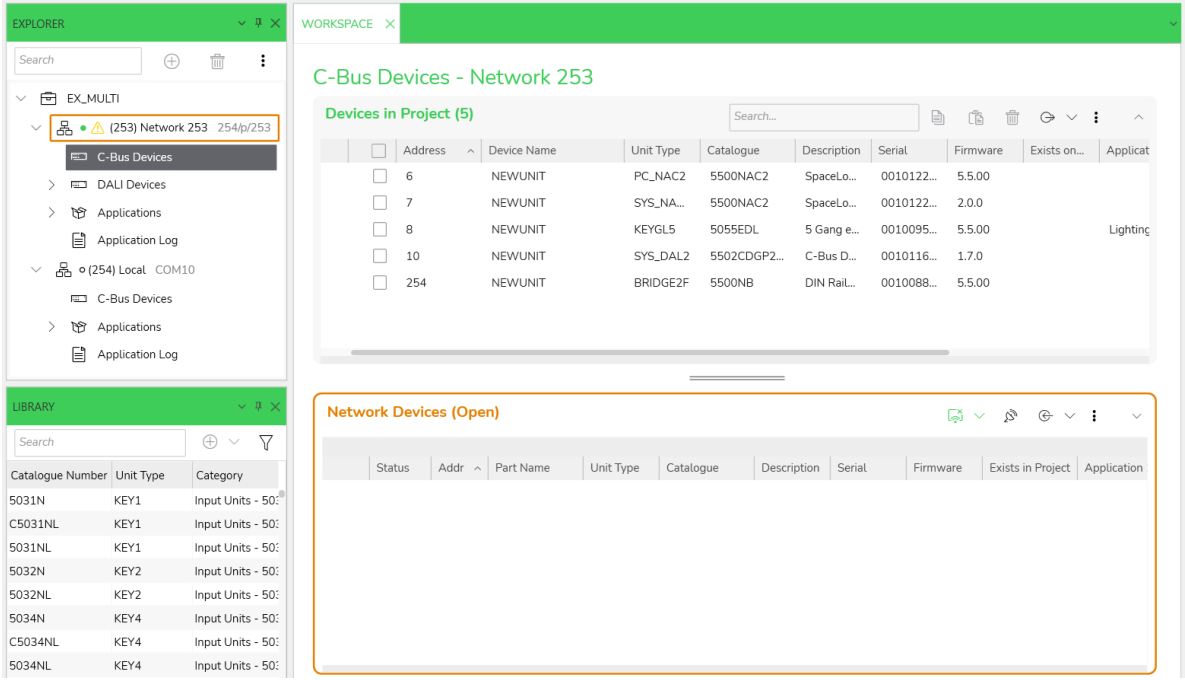
It is available by clicking on the **Drop-down arrow** next to the **Open C-Bus Network** icon:

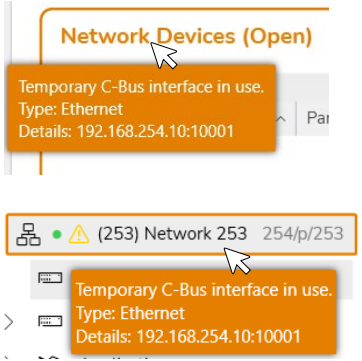


*The Open Using option is disabled if the Network is already open

Open Using Feature: SpaceLogic C-Bus Commission

When the **Open Using** feature in SpaceLogic C-Bus Commission is used to open the C-Bus Network, the user interface introduces **Orange highlights:**

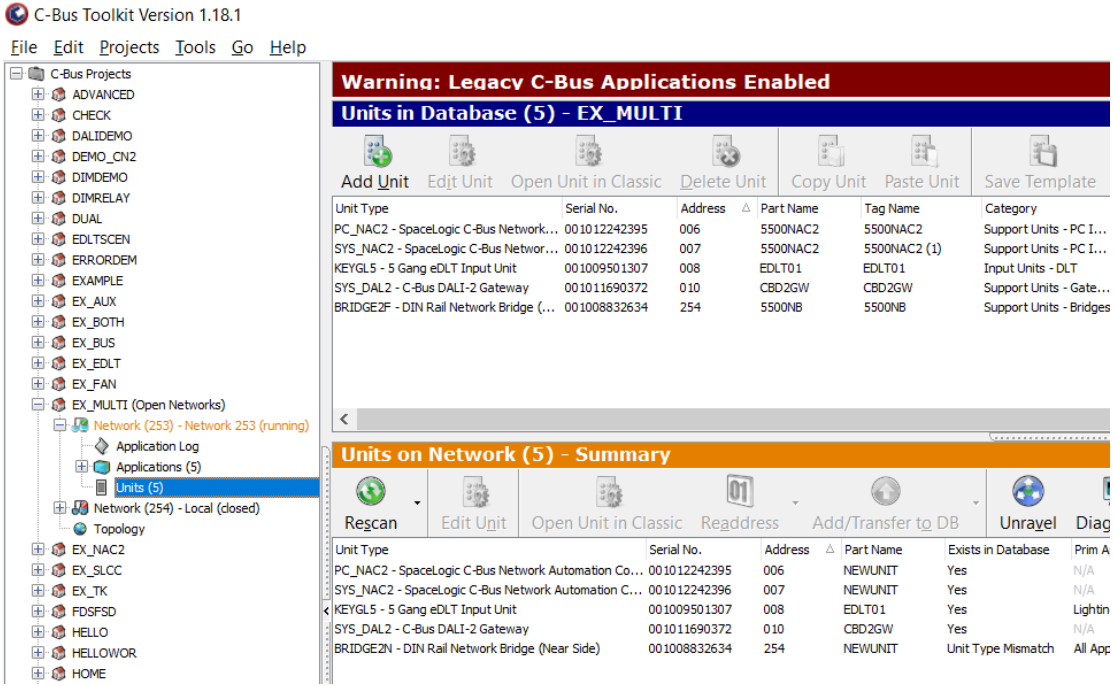


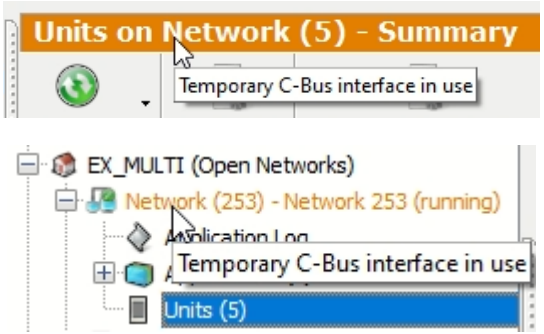


Hovering your mouse over the **Network Devices section** heading or **Network node** displays a message informing you that a **Temporary C-Bus Interface** is in use, its **Type** and **Details**

Open Using Feature: C-Bus Toolkit

When the **Open Using** feature in SpaceLogic C-Bus Commission is used to open the C-Bus Network, the user interface in C-Bus Toolkit also introduces **Orange highlights:**





Hovering your mouse over the **Units on Network section** heading or **Network node** displays a message informing you that a **Temporary C-Bus Interface** is in use

Open Using Feature: Disabled Functions

For both C-Bus Toolkit and SpaceLogic C-Bus Commission, the following **C-Bus Network related functions are Disabled** while the Open Using session is active. This is to **help protect project integrity and topology**:

SpaceLogic C-Bus Commission

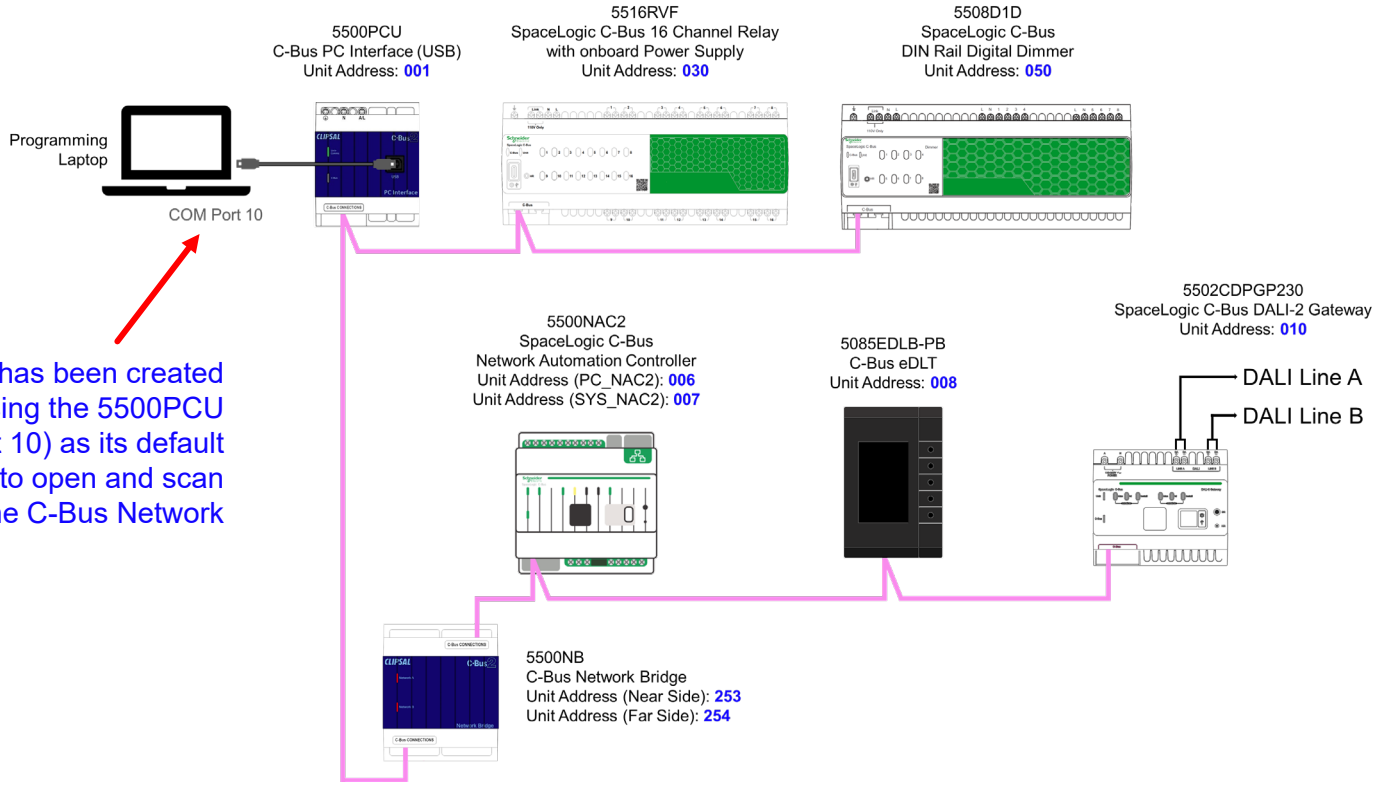
- Delete Network
- Add Bridge Network
- Open Bridge Network
- Open and Scan Bridge Network (if network is closed)
- Make Network

C-Bus Toolkit

- Edit Network
- Delete Network
- Add Network
- Open Network
- Open All Networks
- Close Network
- Close All Networks
- Make Network
- Readdress Network

Example C-Bus Solution: Open Using

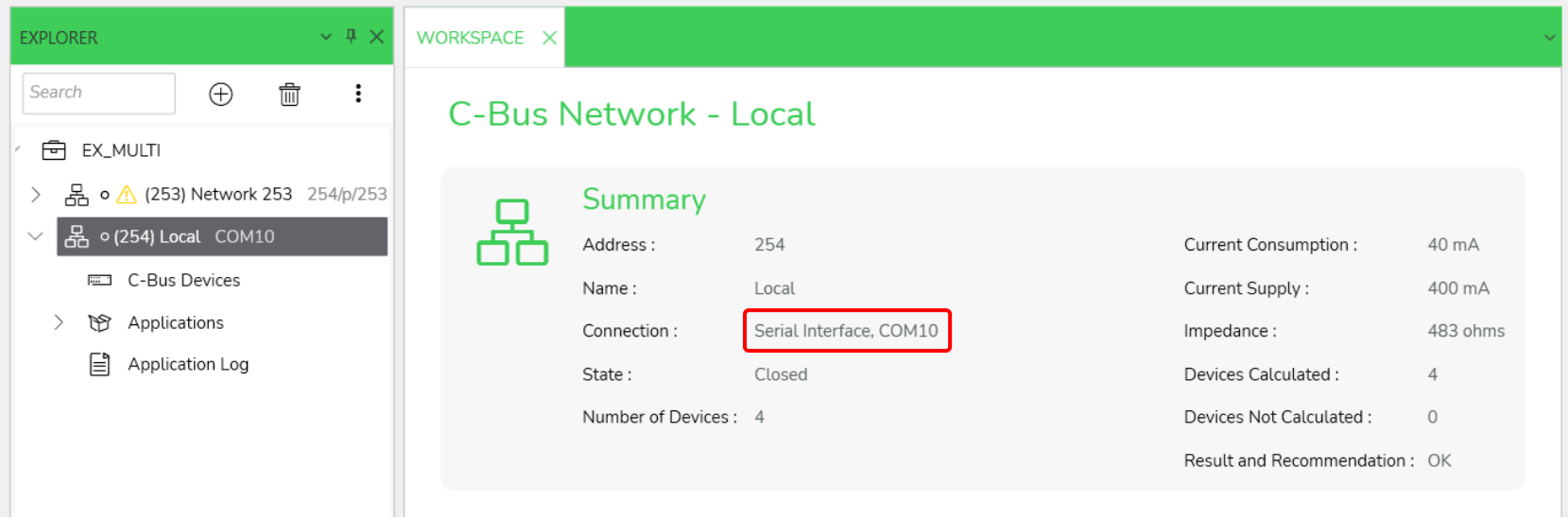
The following C-Bus Solution will be used to demonstrate the **Open Using** feature:



Example C-Bus Solution: Open Using

In SpaceLogic C-Bus Commission, the project for this C-Bus Network, **EX_MULTI**, has been created with:

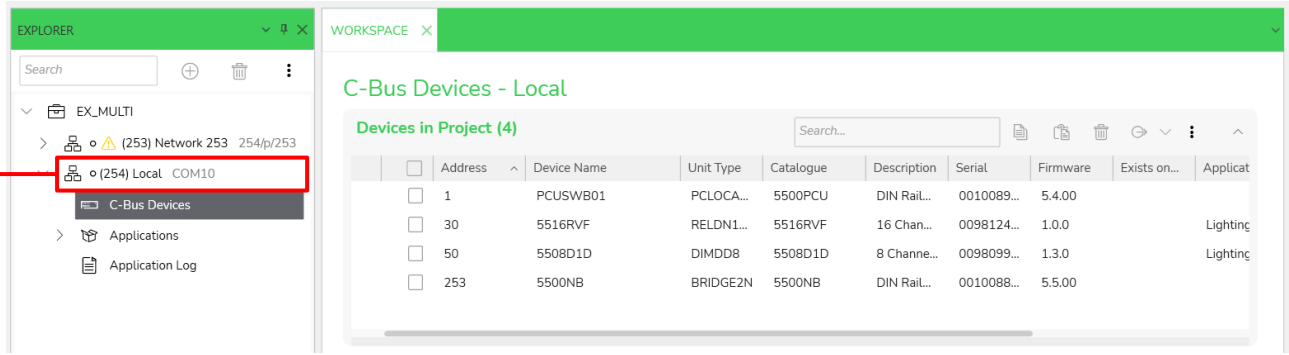
- Serial Interface – 5500PCU (USB)
- Com Port – COM10



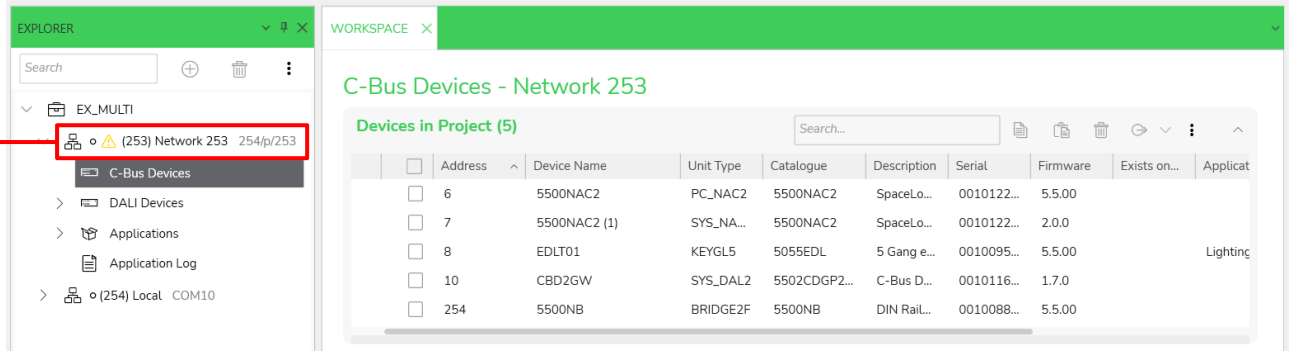
Example C-Bus Solution: Open Using

The project, **EX_MULTI** C-Bus Networks created are shown below:

Local (254)

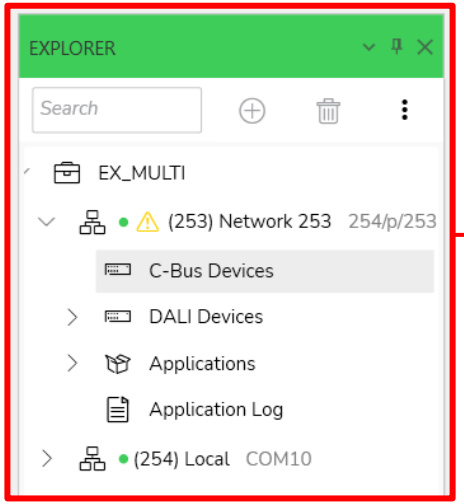


Network 253 (253) **Bridged**

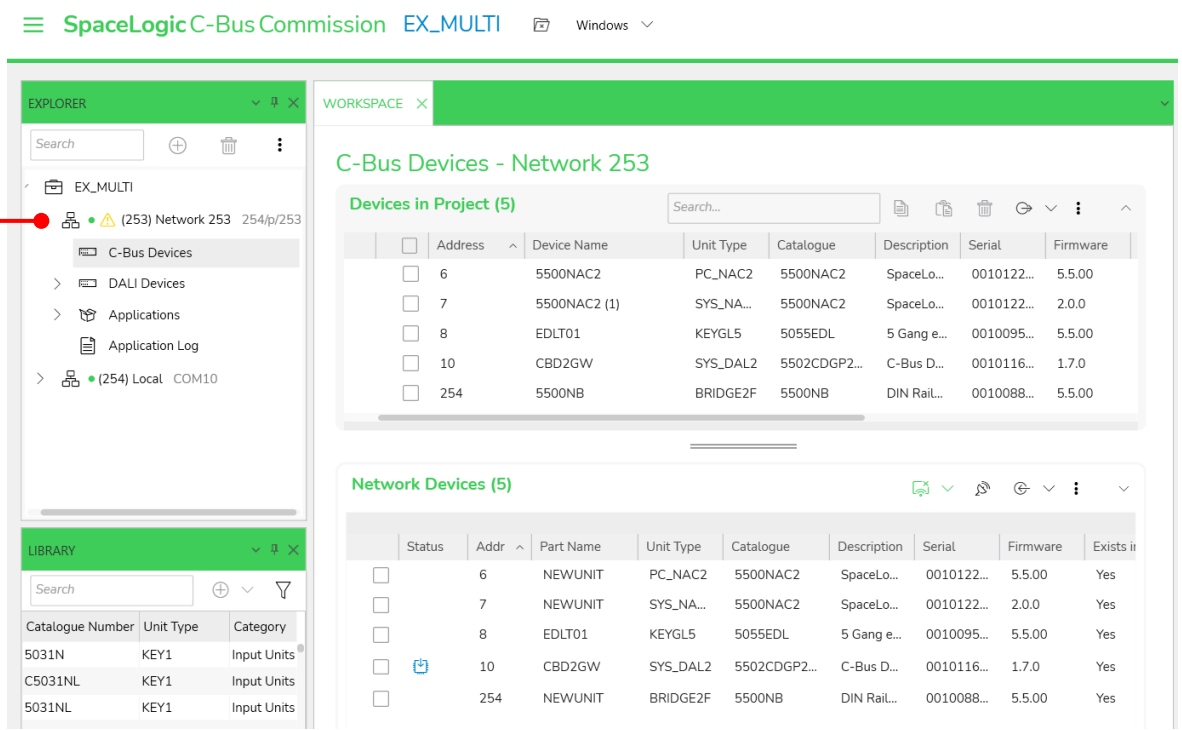


Example C-Bus Solution: Open Using

Under normal operation, the Bridged C-Bus Network would be opened via the Serial Interface defined for the Local Network:



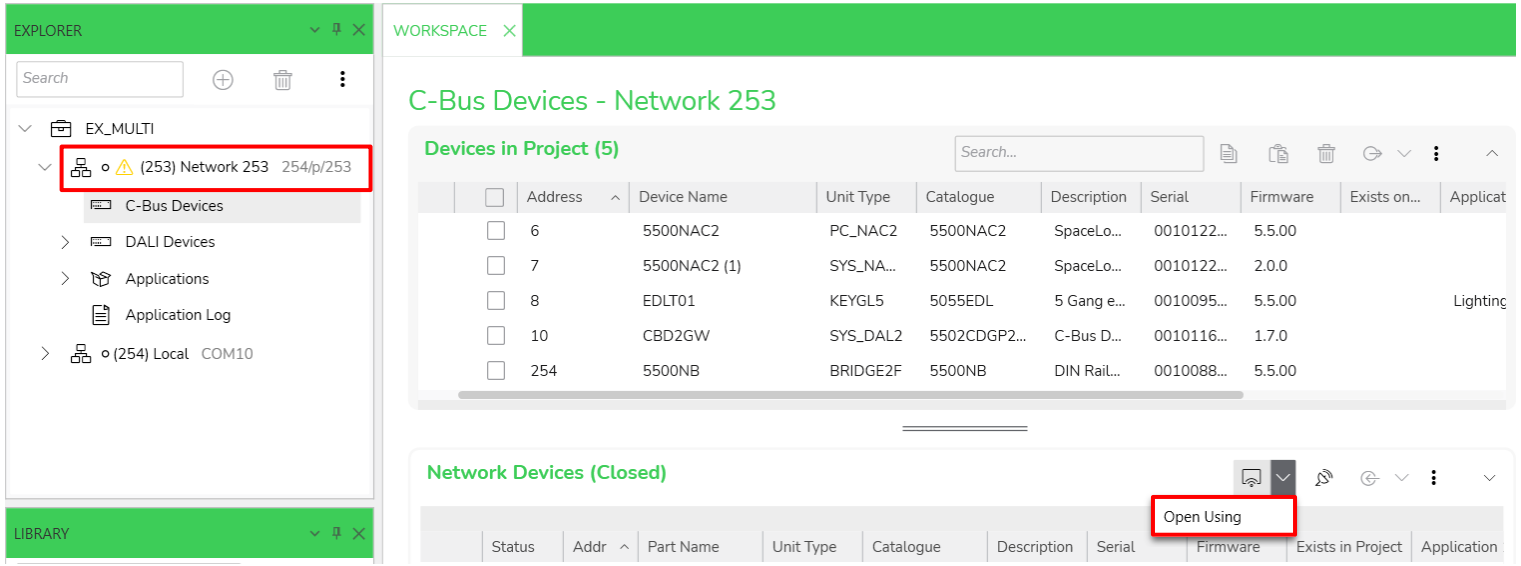
Both Networks have been opened, denoted by the green dot next to each C-Bus Network node



Example C-Bus Solution: Open Using

The **Open Using** feature will now be used to open and scan the C-Bus Network, **Network 253**, through the **5500NAC2**:

1. For **Network 253**, in **Network Devices**, click the drop-down arrow next to the Open C-Bus Network icon:



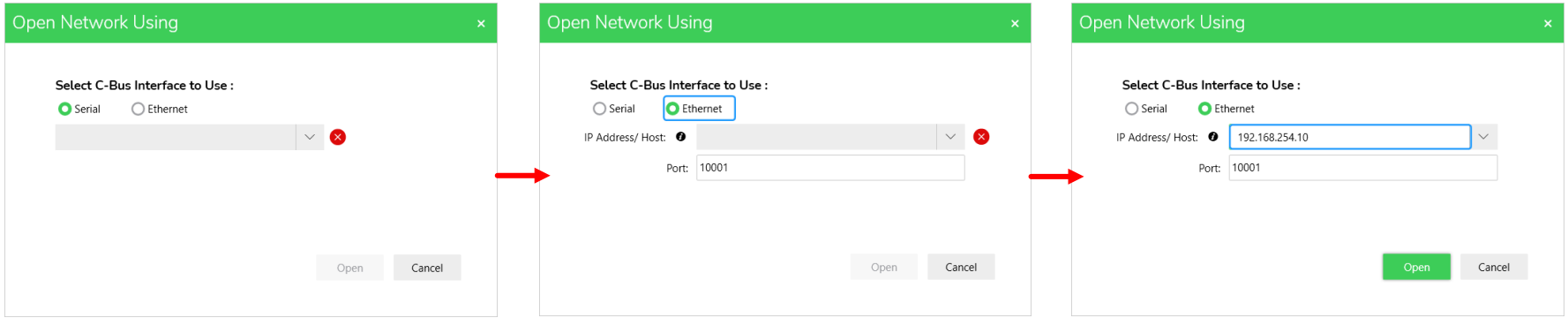
Example C-Bus Solution: Open Using

2. The **Open Network Using** dialog box appears.

3. For this example, the virtual network created by the 5500NAC2 will be used to open the C-Bus Network; therefore, the **Ethernet** radio button will be selected.

4. The IP Address/Host field will be set to: **192.168.254.10** (the IP Address of the virtual network created by the 5500NAC2)

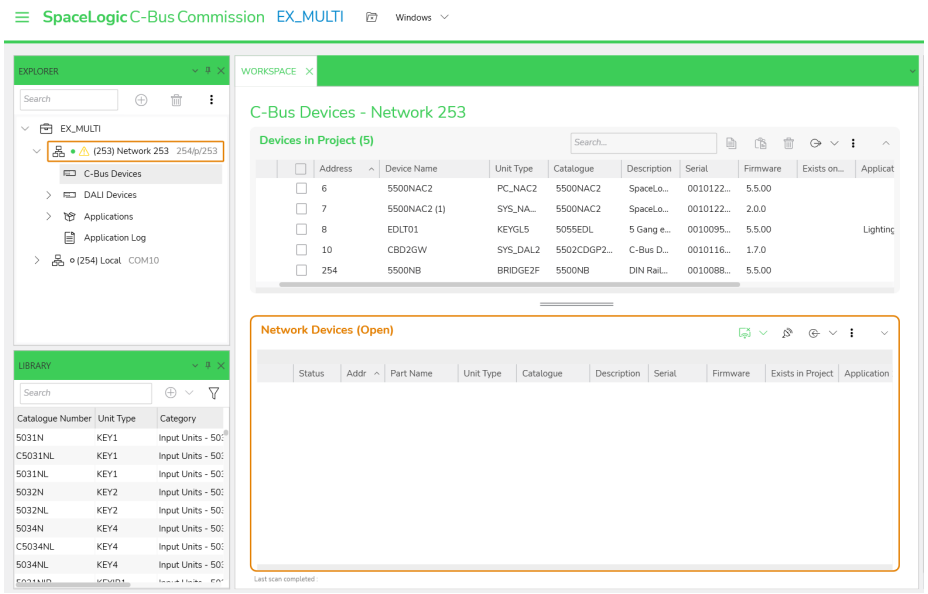
5. The default Port field can remain at: **10001**, click **Open**

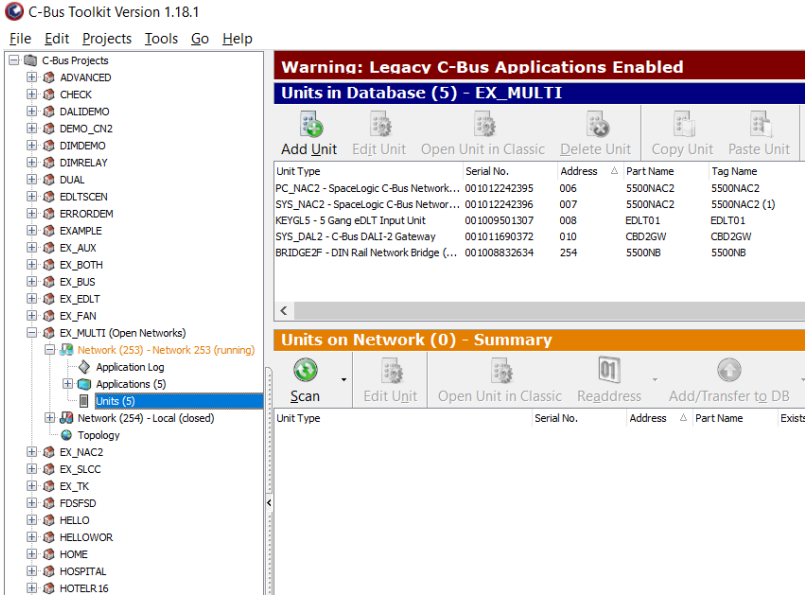


*For the **Open Using** feature, **every successful** connection has its **IP Address/Host** information saved. These can be viewed as suggested options in the field's drop-down list when **Open Using** is used in the future. The list retains **up to 20 successful connections → this can help to reduce the time required entering the same IP Address/Host** again and again

Example C-Bus Solution: Open Using

6. The opened network through the **Open Using** feature is shown below, both in SpaceLogic C-Bus Commission and C-Bus Toolkit:





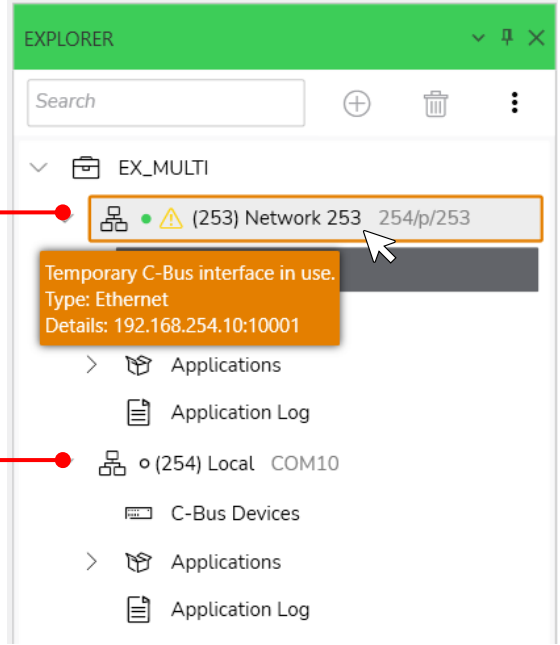
*As highlighted in an earlier page, the bridged C-Bus Network would normally be opened via the Serial Interface defined for the Local Network; however, it has now been accessed via an Ethernet interface

Example C-Bus Solution: Open Using

7. Hovering the mouse over the network node, reinforces that an **Ethernet interface** is being used to access the bridged C-Bus Network; additionally, notice that that the **Local** network is not opened

Network 253 (253) is **Opened**

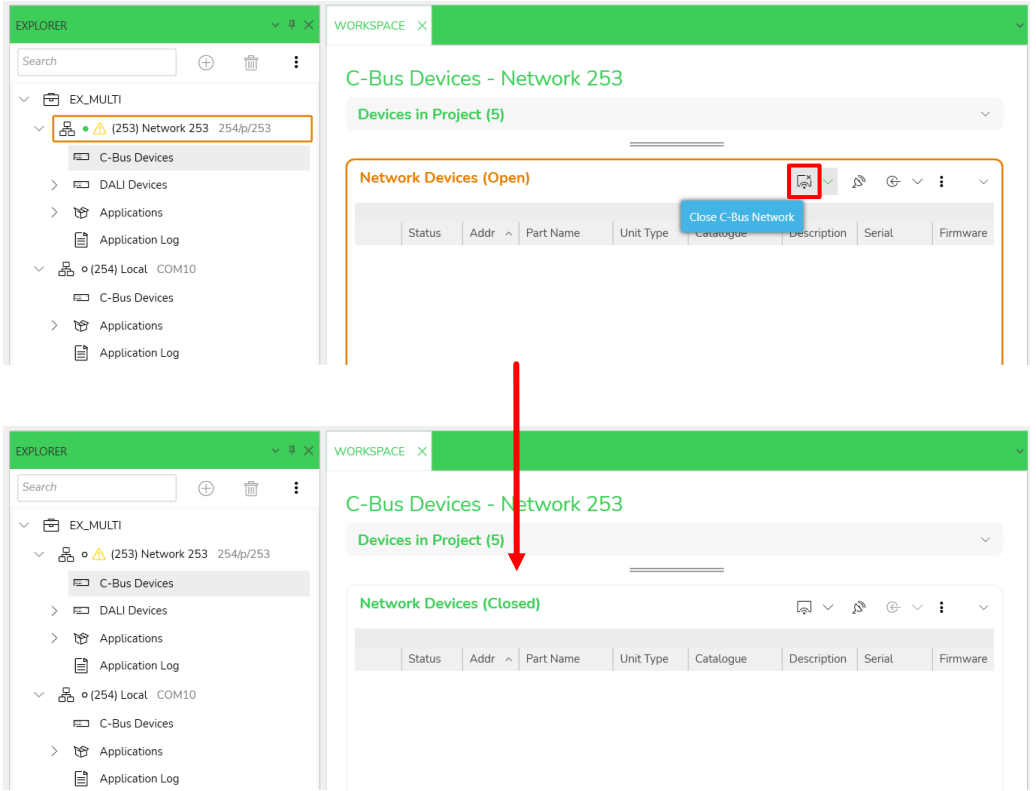
Local(254) is **Closed**



Example C-Bus Solution: Open Using

8. The C-Bus Network can then be **closed** by clicking on the **Close C-Bus Network** icon:

9. The **Bridged C-Bus Network** is now closed, completing this example



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