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SysMik Scalibur DALI for Niagara^{N4}

This manual is intended to provide support for installation and usage of the sysmikScaDali module within the Niagara^{N4} framework. The information is believed to be accurate and reliable. However, SysMik GmbH Dresden assumes no responsibility for possible mistakes and deviations in the technical specifications. SysMik GmbH Dresden reserves the right to make modifications in the interest of technical progress to improve our modules and software or to correct mistakes. We are grateful for any feedback and suggestions. Further information (device description, available software) can be found on our homepage www.sysmik.de. Please ask for latest information via email at sales@sysmik.de or info@sysmik.de. SysMik disclaims all warranties in case of improper use or disassembly and software modifications not described in this document or when using improper or faulty tools. Commissioning and operation of the device by qualified personnel only. All applicable regulations have to be observed.

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Preface

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This help document gives you a brief description about using the SysMik Scalibur (SCA) devices and managing connected DALI network within WorkplaceN4.

Document Change Log

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Description

• Version: 4.1.0.4

Published: Nov 14, 2017

Project is now a Git project, no changes in code sources.

• Version: 4.1.0.2

Published: September 21, 2016

Using help feature 'GuideOnTarget' added for the most important components.

• Version: 4.1.0.1

Published: April 11, 2016

Note: First release of module docSysmikScaDali for usage within sysmikScalo driver to configure connected DALI networks.

Compatibility and Installation

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NiagaraN4 Platform Compatibility

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The sysmikScaDali module will work on all Niagara4 releases 4.1 and newer on Windows or Linux Operating Systems.

License requirements

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There are no license requirements. The module "sysmikScaDali" is provided by SysMik GmbH Dresden without any charge.

Software requirements

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The module sysmikScaDali is part of the sysmikScaIo driver installation.

Note: Please see help module docSysmikScalo docSysmikScalo for more information.

Hardware requirements

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The sysmikScaDali module can be used for all SysMik Scalibur (SCA) devices.

SysMik DALI Quick Start

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The chapters below will give you a brief overview of how to use the DALI bus functions in sysmikScaDali module within the Workplace4.

AImportant: The Config components MUST not be used in parallel in a station. They are provided for configuration purposes only and MUST not be used as active parts in a station application!

Please use instead the points from the ScaloNetwork provided on the DALI terminals.

Add Config Component

<u>Home</u>

To have access to DALI networks connected to SCA controllers you must first add a DALI Config component frompaletteunderneathadevice.A valid parent for this component can be BSysmikScaIoDali or BSysmikScaIoDaliMm.

Important: This component is the communication gateway for accessing the connected DALI network. The needed links to the parent device slots are automatically created. Using it with BSysmikScaloDali[Mm] devices (terminals) the communication goes directly through the ScaloNetwork driver.

DALI Address Manager

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The Sca Dali Address Manager is the default view for the Sca Dali Config component. This manager can be used to discover DALI devices or to make a snapshot of the DALI network and to manage addresses or to replace defect devices.

The following additional manager buttons are available

• Select All

Use this button to select all list entries in the table.

• Discover

Use this button to discover all DALI device of this network (see below for details).

• Snapshot

Use this button to make a snapshot of the DALI network (see below for details).

• Read

Use this button to read all DALI properties (groups, scenes, lamp power properties) of the selected DALI device(s).

• Blink

Use this button to locate the DALI lamps by blinking (see below for details).

• Write Address(es)

Use this button to update the short address of changed devices (see below for details).

• Replace

Use this button to replace defective DALI devices (see below for details).

Discover devices

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The Discover button in Dali Address Manager can be used to search for ALL DALI devices connected to the selected terminal. This function tries to find all DALI devices with a valid short address first and uses second the DALI random addresses search algorithm to find and to address all other available devices. This means, after using the disover function all DALI devices should have valid short addresses.

⁽¹⁾Tip: The new added components are named automatically using the random and short address. See the following picture for details.

Figure 1 - Discover DALI devices

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Device Info	Device_43C05E_13	43C05E	13	New	Status	Timestamp	Message 🥫	
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₽ DALI CfaTerm7	Device_267B8E_15	267B8E	15	New	Message	28.Jul 2015 12:53 CEST	Discover started	
DALI CfgTerm8	Device_1A7E78_16	1A7E78	16	New	Message	28.Jul 2015 12:53 CEST	Discover found: 4	
🖶 🕸 DALI CfgTerm9 📃	Device_8069FC_17	8069FC	17	New	Message	28.Jul 2015 12:53 CEST	Discover found: 10	
	Device_C49CA7_18	C49CA7	18	New	Message	28.Jul 2015 12:53 CEST	Discover finished	
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After having all found devices in the Discover (learn) table, you can add them to the station database by using the Add button.

Figure 2 - Add DALI devices

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⊕ ∞ DALI CtgTerm7	Device 1A7E78 16 1A7E78 16 1	Device4 true De	evice_6689EE_14	14 -1		6689EE	New	
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This will result in a view like shown in the next picture.

Figure 3 - Added DALI devices

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	Device2 ?	Device_8	4D4A3_12	12	-1	84D4A3	?	?	255	New	NEW: Select ar
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	Device4 ?	Device_6	689EE_14	14	-1	6689EE	?	?	255	New	NEW: Select ar
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Now hide the learn table, then use the Select All button followed by read button to read all available DALI properties like groups, scenes and lamp power properties from DALI network.

Figure 4 - Read all DALI properties

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The following picture shows the user interface while doing the read.

Figure 5 - Reading properties

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If all information have been successfully downloaded the table is shown like in the following picture.

Figure 6 - Discover successful done

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B Sedona Tools		Device5		Device_267B8E_15	15	-1	267B8E	Ok	Off	0	New	Read Scenes	
B Sox Gateway		Device6		Device_1A7E78_16	16	-1	1A7E78	Ok	Off	0	New	Read Scenes	
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🖽 🕸 DALI CfgTerm9		Device8		Device_C49CA7_18	18	-1	C49CA7	Ok	Off	0	New	Read Scenes	
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Snapshot devices

<u>Home</u>

The Snapshot button in Dali Address Manager can be used to search for ALL addressed DALI devices connected to the selected terminal. This function tries to find all DALI devices with valid short addresses.

Note: This function does not use the DALI random address search algorithm to find and to address any not addressed device!

First you will be prompted by a confirmation box to start the function

AImportant: This function will delete all previously found devices from the station database!

Figure 1 - Confirm snapshot function

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Points Device3 ?	Device_43C05E_13	13	-1	43C05E	?	?	255	New	NEW: Se	elect ar
Device Info 🔤 Device4 ?	Device_6689EE_14	14	-1	6689EE	?	?	255	New	NEW: Se	elect ar
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Device7 ?	Device_8069FC_17	17	-1	8069FC	?	?	255	New	NEW: Se	elect ar
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While making the shapshot the manager view is disabled. Don't leave the manager view until the end.



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ev 10.0.0.103	DeviceSnapshot11	? Device1	1 11	-1	FFFFFF	Ok	Off, Power On	255	New
Alarm Source Info	DeviceSnapshot12	? Device1	2 12	-1	FFFFFF	Ok	Off	255	New
🕀 🕲 Points	DeviceSnapshot13	? Device1	3 13	-1	FFFFFF	Ok	Off	255	New
🖶 🔍 Device Info	DeviceSnapshot14	? Device1	4 14	-1	FFFFFF	Ok	Off	255	New
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If all devices were found, all available DALI properties like groups, scenes and lamp power properties from DALI network are read finally.

Figure 3 - Running snapshot function part two

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File Edit Search Bookmarks Tools Windo	ow DALI Address Mana	ager Help									
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er i dev 10.0.0.103	DeviceSnapshot11		Device11	11	-1	2D2E0E	Ok	Off, Power On		New	
Alarm Source Info	DeviceSnapshot12		Device12	12	-1	84D4A3	Ok	Off		New	
🖻 🕲 Points 📃	DeviceSnapshot13		Device13	13	-1	43C05E	Ok	Off		New	
Device Info	DeviceSnapshot14		Device14	14	-1	6689EE	Ok	Off	0	New	
B Sedona Tools	DeviceSnapshot15		Device15	15	-1	267B8E	Ok	Off		New	
B A DALL CfaTerm7	DeviceSnapshot16		Device16	16	-1	1A7E78	Ok	Off	0	New	
DALI CfgTerm8	DeviceSnapshot1/		Device1/	1/	-1	8069FC	Ok	Off		New	0.10
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If all information have been successfully downloaded the table is shown like in the following picture.

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Figure 4 - Snapshot successful done

Search by blinking

<u>Home</u>

The Blink button in Dali Address Manager can be used to search DALI devices by location and using lamp blink.

1)Tip: Sometimes the range between maximum and minimum value can be very small. could it be better -> Off instead. this case to use the Maximum feature In Use the property sheet view of the Dali config component to change the behavior via property slot Blink use Max Off.

Figure 1 - Start blink mode

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	the dev 10.0.5.201		Device2		Device_84D4A3_12	12	-1	84D4A3	Ok	Off	0	New			
	⊕ © Points		Device3		Device_43C05E_13	13	-1	43C05E	Ok	Off	0	New			
	🕀 🔍 Device Info	=	Device4		Device_6689EE_14	14	-1	6689EE	Ok	Off	0	New			
	🖻 🗐 Sedona Tools		Device5		Device_267B8E_15	15	-1	267B8E	Ok	Off	0	New			
	B Sox Gateway		Device6		Device_1A7E78_16	16	-1	1A7E78	Ok	Off	0	New			
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If the lamp has been found stop blink by pressing Blink button once again. A dialog appears where the name and new short address can be set for this device. Press Yes button to go on with search by blinking of the next available lamp.

Figure 2 - Change name and set new short address

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⊕*© Ponts ⊕	Device4	Device 6689EE 14	14 -1 6689FF	Ok Off	0 New	
Bedona Tools	Device5	Device 267DOE 15	15 1 267D0E	OK Off	0 New	
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If done for all devices the new names and short addresses are shown in the manager view.

Figure 3 - Blink mode done

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B Alarm Source Info		Device2		Device_K1	12	2	84D4A3	Ok	Off	0	New		
B Points		Device3		Device_K3	13	3	43C05E	Ok	Off		New		
🕀 🔍 Device Info	=	Device4		Device_D1	14	4	6689EE	Ok	Off		New		
🕀 🗐 Sedona Tools		Device5		Device_K4	15	5	267B8E	Ok	Off	0	New		
🖶 📠 Sox Gateway		Device6		Device_K6	16	6	1A7E78	Ok	Off	0	New		
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Change Addresses

<u>Home</u>

The Write Address(es) button in Dali Address Manager can be used to write all new short addresses (shown in column New Address) to the DALI devices finally.

Note: The uniqueness of the short addresses will be checked before writing them to DALI.

Figure 1 - Change address(es) error

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	Device1		Device_Em1	11	1	2D2E0E	Ok	Off, Power On	255	Shor	
	Device2		Device_K1	12	2	84D4A3	Ok	Off	0	Shor	
₽© Points	Device3		Device_K3	13	3	43C05E	Ok	Off	0	Shor	
🖶 🔍 Device Info	Device4		Device_D1	14	4	6689EE	Ok	Off	0	Shor	
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B Sox Gateway	Device6		Device_K6	16	6	1A7E78	Ok	Off	0	Shor	
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Figure 2 - Change address(es) is running

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🕀 🖪 Sox Gateway	Device6		Device_K6	16	6	1A7E78	Ok	Off	0	Short Address	Changed		
Bras DALL CfgTerm?	Device7		Device_K5	17		8069FC	Ok	Off	0	Short Address	Changed		
DALL CfgTerm9	Device8		Device_G1	18	8	C49CA7	Ok	Off	0	Short Address	Changed	Write Short	Address vi
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If all is done successfully the column New address contains again the value -1.

Figure 3 - Change address(es) done

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ev 10.0.0.103	Device:		Device_Em1	1	-1	2D2E0E	Ok	Off, Power On	255	Unknown	Write Sh	ort Address	/ia Random A	Address
B Alarm Source Info	Device2	2	Device_K1	2	-1	84D4A3	Ok	Off	0	Unknown	Write Sh	ort Address	/ia Random A	ddress
Deints	Device3	3	Device_K3	3	-1	43C05E	Ok	Off	0	Unknown	Write Sh	ort Address	/ia Random A	Address
🖶 🔍 Device Info	Device4	F	Device_D1	4	-1	6689EE	Ok	Off	0	Unknown	Write Sh	ort Address	/ia Random A	Address
🛡 🗏 Sedona Tools	Devices	ji	Device_K4	5	-1	267B8E	Ok	Off	0	Unknown	Write Sh	ort Address	/ia Random A	ddress
E Sox Gateway	Device6	ji	Device_K6	6	-1	1A7E78	Ok	Off	0	Unknown	Write Sh	ort Address	/ia Random A	•ddress
Base DALL CfgTerm/	Device?	·	Device_K5	7	-1	8069FC	Ok	Off	0	Unknown	Write Sh	ort Address	/ia Random A	Address
BALL Conterms	🛛 🖾 Device8	3	Device_G1	8	-1	C49CA7	Ok	Off	0	Unknown	Write Sh	ort Address	/ia Random A	Address
⊕ S DALI CfgTerm10	Device?		Device_G2	9	-1	034552	Ok	Off	0	Unknown	Write Sh	ort Address	/ia Random A	Address
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Replace Devices

<u>Home</u>

Use the following procedure to replace defective DALI devices. Please replace all defective devices by new unaddressed devices.

To replace devices do the following steps:



Figure 1 - Discover DALI devices

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e dev 10.0.5.201	Device Name	Ran	dom Address	Short Address	Marked						
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🖶 🔍 Device Info	NeonK2	A51	434	10	Added						
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B CALL CfgTerm5	NeonK3	43C	05E	13	Added						
B ALI CfgTerm10	NeoenD1	668	9EE	14	Added						
🕀 🕸 DALI CfgTerm11	NeonK4	267	B8E	15	Added						
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B & DALI.MM Log	Name 0	Comm Status	Device Name	Short Address	New Short Address	Random Address	Balast State	Lamp State	Dal Level	Marked	Hint
	Device0 .		NeonK2	10	-1	A51434	OK	Off	0	Added	Read Status
	Device1 .		Emergency	11	-1	202606	OK	Off, Power C	255	Added	Read Status
	Device2 .	•	NeonK1	12	-1	84D4A3	OK	017	0	Added	Read Status
	B Device3 .		NeonN3	13	-1	430056	Ok	Off	0	Added	Read Status
	Device4 .		NeoenD1	14	-1	008966	OK	Off	0	Added	Read Status
	Device5 .		NeonK4	15	-1	20/B6E	Ok	Off	0	Added	Read Status
	B Deviceb .		NeonKo	10	-1	14/2/8	Ok	OIT	0	Added	Read Status
	Device/		NeonK5	1/	-1	8009FC	OK	OIF	0	Added	Read Status
	Device8		NeonG1	18		C49CA7			255	Possibly Defect	Read Status
	a Device9		INCONS2	19	-1	034332	f	1	255	Possibly Defect	Read Status
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2. Now select the new found devices in discover table and click the Add button to add them to the station database (DALI Address Manager table).

Figure 2	- New	devices	have	been	added
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Alarm Source Info	Device_2	1BFCA_0 21	BFCA	0	New						
🕀 🕙 Points	Device_8	92835_1 893	2835		New						
O Device Info	NeonK2	A5	1434	10	Added						
B Second Loois	Emergen	cy 2D	2E0E	11	Added						
	NeonK1	840	D4A3	12	Added						
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🖲 🕸 DALI CfgTerm10	NeoenD1	668	39EE	14	Added						
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-	Device0		NeonK2	10	-1	A51434	Ok	Off	0	Added	Read Status
	Device1	••	Emergency	11	-1	2D2E0E	Ok	Off, Power C	255	Added	Read Status
	Device2	••	NeonK1	12	-1	84D4A3	OK	Off	0	Added	Read Status
	Device3	••	NeonK3	13	-1	43C05E	Ok	Off	0	Added	Read Status
	Device4		NeoenD1	14	-1	6689EE	Ok	Off	0	Added	Read Status
	Device5	••	NeonK4	15	-1	267B8E	Ok	Off	0	Added	Read Status
	Device6	••	NeonK6	16	-1	1A7E78	Ok	Off	0	Added	Read Status
	Device7		NeonK5	17	-1	8069FC	Ok	Off	0	Added	Read Status
	Device8		NeonG1	18	-1	C49CA7				Possibly Defect	Read Status
	Device9	?	NeonG2	19	-1	034552	17	1	255	Possibly Defect	Read Status
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3. Now you must assign the name(s) from the old (already replaced) device(s) to the new devices. To do this select the first added new device in database table and use the Blink button to start the blink process.

If the lamp has been located press the Blink button once again. This will open the Device Assign Editor dialog.

Drop down the Defect Device Names list and select the correct name for this lamp. Then press Yes to go on with blinking of the next device if possible.

Figure 3 - Assign the correct name(s) to the new device(s)

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The day 10.0.5 202	Device7	N	100			0	Added		
	Device8	NeonG1	18 -1	75C1CC ?	?	255	Possibly Defect		
	Device9	NeonG2	19 -1	F8AAB7 ?	?	255	Possibly Defect		
	Device10	NeonG1	0 -1	B0C7D2 ?	?	255	New Replaceme	ent	
	Device11	NeonG2	1 -1	B73F4C ?	?	255	New Replaceme	ent	
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4. If all assignments have been done click Replace to start the replacement process. After confirm with Yes the addresses are changed and all DALI values from the old devices are written into the new devices.

Figure 4 - Start finally the Replacement

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	Device0	NeonK2	Do yo	u war	nt to start t	he fol	lowing replace	ment?							
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	Device10	NeonG1	0	-1	21BFCA	?	?	255	New Replacement	Replaceme	ent target for 'Device8'				
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The new devices should now have the same addresses and values like the old ones.

DALI Groups Manager

<u>Home</u>

The Dali Groups Manager is an other view for the Sedona Dali Config component. This manager can be used to change the groups settings.

The following additional manager buttons are available

• Quick Edit

Use this button to change the DALI groups in a more efficient way than the default Edit dialog can (see below for details).

• Select All

Use this button to select all list entries in the table.

• Read

Use this button to read all DALI groups settings of the selected DALI device(s) (see below for details).

• Write

Use this button to write all DALI groups settings of the selected DALI device(s) (see below for details).

Read Groups

Home

The Read button in Dali Groups Manager can be used to read all groups settings from the selected DALI devices.

UTip: Use the Select All button for a fast selection of all DALI devices in the table.

After changing the groups you can test them by using the Action - Fire Dali Command of the Dali Config component.

Figure 1 - Test groups



Quick Edit

<u>Home</u>

The Quick Edit button in Dali Groups Manager can be used to change the groups settings in a different but faster way than the normal Edit mode provides. Use finally the Yes button to set the new values, to select the next DALI device and to open the dialog again.

Figure 1 - Quick edit groups

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Quick Edit																

Write Groups

<u>Home</u>

The Write button in Dali Groups Manager can be used to write all groups settings to the selected DALI devices.

UTIP: Use the Select All button for a fast selection of all DALI devices in the table.

DALI Scenes Manager

<u>Home</u>

The Dali Scenes Manager is an other view for the Dali Config component. This manager can be used to change the scenes settings.

The following additional manager buttons are available

• Quick Edit

Use this button to change the DALI scenes in a more efficient way than the default Edit dialog can (see below for details).

• Select All

Use this button to select all list entries in the table.

• Read

Use this button to read all DALI scenes settings of the selected DALI device(s) (see below for details).

• Write

Use this button to write all DALI scenes settings of the selected DALI device(s) (see below for details).

Read Scenes

<u>Home</u>

The Read button in Dali Scenes Manager can be used to read all scenes settings from the selected DALI devices.



After changing the scenes you can test them by using the Action - Fire Dali Command of the Dali Config component.

Figure 1 - Test scenes



Quick Edit

<u>Home</u>

The Quick Edit button in Dali Scenes Manager can be used to change the scenes settings in a different but faster way than the normal Edit mode provides. Use finally the Yes button to set the new values, to select the next DALI device and to open the dialog again.

Figure 1 - Quick edit scenes

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Write Scenes

<u>Home</u>

The Write button in Dali Scenes Manager can be used to write all scenes settings to the selected DALI devices.

DTip: Use the <code>Select All</code> button for a fast selection of all DALI devices in the table.

DALI Properties Manager

<u>Home</u>

The Dali Properties Manager is an other view for the Dali Config component. This manager can be used to change the lamp power properties settings.

The following additional manager buttons are available

• Quick Edit

Use this button to change the DALI properties in a more efficient way than the default Edit dialog can (see below for details).

• Select All

Use this button to select all list entries in the table.

• Read

Use this button to read all DALI properties settings of the selected DALI device(s) (see below for details).

• Write

Use this button to write all DALI properties settings of the selected DALI device(s) (see below for details).

Read Properties

<u>Home</u>

The Read button in Dali Properties Manager can be used to read all lamp power properties settings from the selected DALI devices.

1Tip: Use the <code>Select All</code> button for a fast selection of all DALI devices in the table.

After changing the properties you can test them by using the Action - Fire Dali Command of the Dali Config component.

Figure 1 - Test properties



Quick Edit

<u>Home</u>

The Quick Edit button in Dali Properties Manager can be used to change the lamp power properties settings in a different but faster way than the normal Edit mode provides. Use finally the Yes button to set the new values, to select the next DALI device and to open the dialog again.

Figure 1 - Quick edit properties

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Write Properties

<u>Home</u>

The Write button in Dali Properties Manager can be used to write all lamp power properties settings to the selected DALI devices.

 ${}^{\textcircled{1}}$ Tip: Use the <code>select All</code> button for a fast selection of all DALI devices in the table.

DALI Status View

<u>Home</u>

The Dali Status View can be used to get a overview about the most important DALI status information of all DALI devices in the network.

Figure 1 - Status view

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DALI-MM Protocol Analyzer

<u>Home</u>

The Dali the default view for the Мm Loq View is Dali Mm Loq component. This view can be used to start writing a DALI protocol analyzer log via a DALI-MM terminal connected to the SCA Inline station.

The DALI.MM Log component from palette must be added directly underneath a ScaloiDaliMm device first.

The following picture shows the user interface of Dali Mm Log View.

Figure 2 - Dali Mm View

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Filename = Ibackups/ daliMmLog .csv a Save Log													

These buttons are available in the Dali Mm Log View:

• Remove Log

Use this button to clear the log table before starting a new log. Otherwise new log entries will be added at the end of the previously made log.

• Start Log

Use this button to start a new analyzer log.

• Stop Log

Use this button to stop the running analyzer log.

• Save Log

Use this button to save the analyzer log entries as CSV file into the !backups folder of the N4 installation. The default filename is "daliMmLog".csv.

Component Details

<u>Home</u>

ScaDaliConfig

<u>Home</u>

The DALI Address Manager is the default view of this component.

The Dali Config component has the following slot properties and actions.

Properties:

• Comm Status

This property is only a helper slot for showing information if any DALi communication has been started.

• Terminal

This property holds the terminal number of the DALI terminal within the Inline station. This property should not be set directely. (see <u>"Add Config Component"</u>)

• Description

Here you can save some (opional) information about the DALI network connected to this terminal.

• Refresh Status

Use this property to enable or disable an automatic status refresh if the Sedona Dali Address Manager or the Sedona Dali Status View opens. The default value is false.

Blink frequency

Use this property to set the blink frequency used by the Blink function in Sedona Dali Address Manager. The default value is 2 seconds.

• Blink Use Max Off

Use this property to change the blink sequence to Maximum - Off (true) instead of Maximum - Minimum (false) for Blink function in Sedona Dali Address Manager. The default value is false.

Actions:

• Fire Dali Command

This action can be used to build and send a DALI command.

• Get Valid Terminals

This action can be used to discover the valid terminal numbers.

• Stop Comm Job

This action can be used to stop a running communication job if needed.

• Start Wire Check

This action can be used to start a wire check by sending Maximum - Minimum (Off) sequences via broadcast address to the DALI network.

This action uses the settings Blink frequency and Blink Use Max Off.

• Stop Wire Check

This action can be used to stop the wire check again.

• Set Multi Master Indirect

This action can be used to send a special three byte DALI command to set the devices into the "Multi Master Indirect Mode".

This action is by default set to hidden.

• Export Csv

This action can be used to export a DALI network (one terminal) to a .csv text file for later use with e.g. Microsoft Office Excel.

⁽¹⁾Tip: Use the action parameter File Name, Add Date To Name and Append Csv to modify the export behaviour. The Append Csv set to true means to add or replace the selected terminal in the destination file. So it is possible to build a csv file with the entire station network information. The file format is compatible to the export format used in the SCA DALI webserver configurator. See the help provided in the SCA for details.

• Import Csv

This action can be used to import a DALI network (one terminal) from a .csv text file.

Note: The import function tries to find the correct terminal number. The file format is compatible to the export format used in the SCA DALI webserver configurator. See the help provided in the SCA for details.

Set Network unaddressed

This action can be used to set ALL DALI devices to unaddressed mode. This action is by default set to hidden.

Warning: This will set ALL devices to unaddressed mode and makes ALL devices unreachable until the next "Discover" is started. Although discover will address all devices again, the address assignment will be different and you will loose all name assignments, too!

ScaDaliMmLog

<u>Home</u>

The <u>Sca Dali Mm Log View</u> is the default view of this component.

The Dali Mm Log component has the following slot properties and actions.

Properties:

• Comm Status

This property is only a helper slot for showing information if any DALi communication has been started.

• Terminal

This property holds the terminal number of the DALI terminal within the Inline station.

This property should be set when the default view opens.

There are no actions available.

ScaDaliDevice

<u>Home</u>

This component is a representation of one DALI device and stores all address, property, group and scene values as shadow of the DALI device in the network.

Use the managers of ${\tt ScaDaliConfig}$ component for managing ${\tt ScaDaliDevices}.$

- DALI Address Manager
- DALI Groups Manager
- DALI Scenes Manager
- DALI Properties Manager

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