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nexgentec ArtNet DMX Switch driver (NGTSLC4ZARTNETSW)

1. Disclaimer

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2. What is the nexgentec ArtNet DMX Switch driver? What is it used for?

This driver is designed to work with the *nexgentec ArtNet Network* (NGTSLC4ZARTNETNW)
It does add a light Switch to the Control4 project.

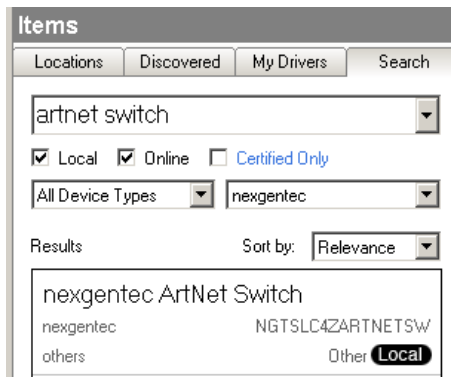
3. What features does the nexgentec ArtNet DMX Switch driver support?

All features of the *Light V2* drivers are supported, including *Advanced Light Scenes*

4. Software installation Control4

Assuming that you have already downloaded the drivers and placed them in %USERPROFILE%\Control4\Drivers.

- 4.1.** Start Composer, go to *System Design* and select the tab *Search* in the right top window. Search for *ArtNet Switch*



4.2. Drag and drop the *ArtNet Switch* driver into the wished room. Click on it and find the Properties page. (Hovering with the mouse over the Properties will show up hints)

4.3. Properties

- -> Info: Does show the driver health info. If no version and *running* is not shown the driver will not work
- Driver name: The product identification of the driver
- Address: For a single light insert the number of the ArtNet channel that should be controlled.
 - For multiple channels use the separation by comma: 1,2,3
 - If multiple channels in a sequence should be controlled the format with a dash can be used: 2-9 will control channel 2, 3, 4, 5, 6, 7, 8, 9.
 - For special use is the format: 1-30s3. It means the range from 1 until 30 in series of 3. This example will result in the control of channel 1, 4, 7, 10, 13, 16, 19, 22, 25, 28.
 - Also combinations of all formats are allowed: 1,2,3,103-113,480-512s3
- Sending net/subnet/port on node: Select over which ArtNet node the dimmer should send.
- Refresh light level: Select if the light level on Navigators should be refreshed
- On unequal values: Select what level to display if the feedback from network driver contains unequal values
- Apply to... All settings (address excluded) can be sent to other dimmer drivers
- -> Log / Lua window: Selects the log level printed out in Lua window from Composer. Use the level *Debug* to see what the driver does
- -> Log / Online log server: If a persistent problem appears that cannot be solved from the installer support may ask you to activate a decent level. Do not use until support ask you to do so
- Log period (h): The time frame the log should output
- Log auth: Developer can give you a code to see more logs. Usually not really interesting, only for in deep debug

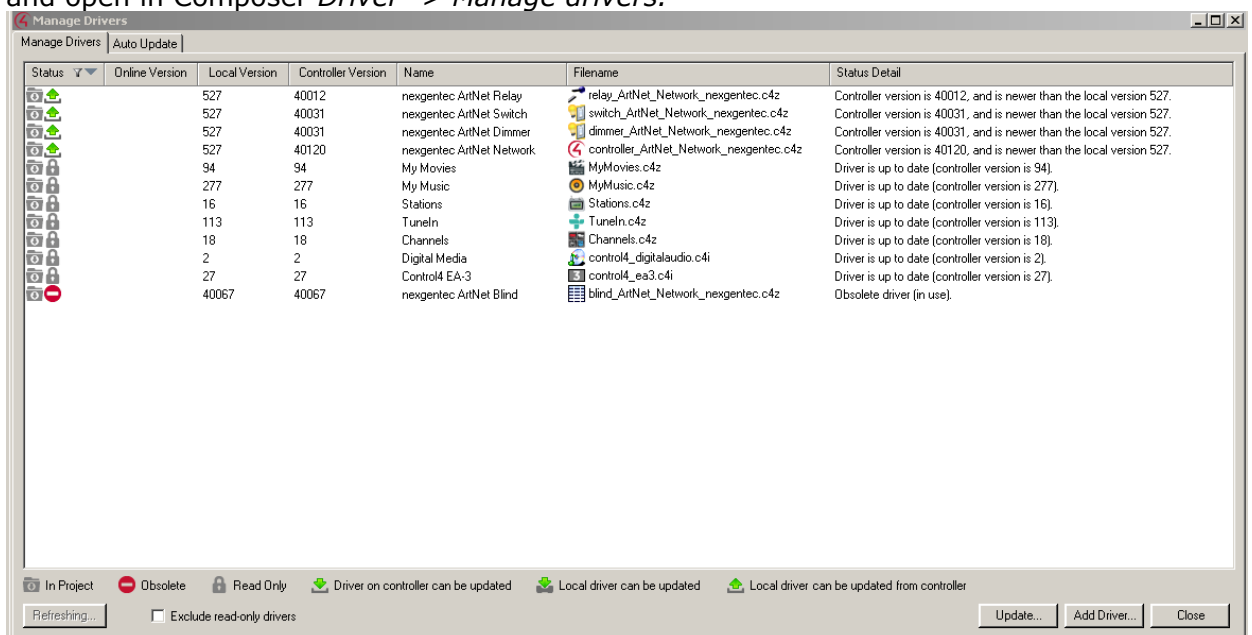
4.4. Connections

If the *nexgentec ArtNet Network* was installed before the Switch driver, the connections for the ArtNet Network should be done automatically. The button connections connect to keypads etc.

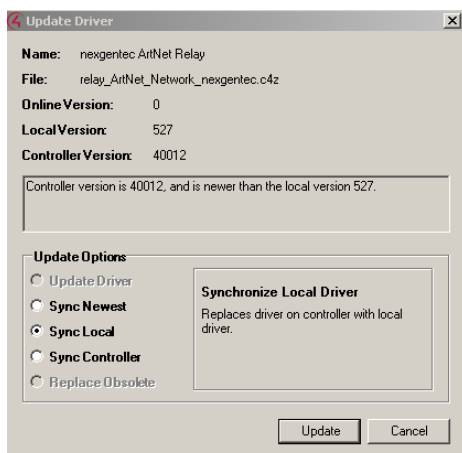
Name	Type	Connection	Input/Out...	Connected To
Control Inputs				
ArtNet Network	Control	ARTNET_NETW...	Input	nexgentec ArtNet Network->ArtNet Network
Control Outputs				
Top Button Link	Control	BUTTON_LINK	Output	
Bottom Button Link	Control	BUTTON_LINK	Output	
Toggle Button Link	Control	BUTTON_LINK	Output	

5. Upgrading from version 4

With version 5 the nexgentec ArtNet drivers will be converted to the new version numbering all newer nexgentec/genesis technologies driver have. Therefore to upgrade add the driver into your drivers folder %USERPROFILE%\Control4\Drivers and open in *Composer Driver -> Manage drivers*.



Highlight each line of the ArtNet drivers and select *Update*. Select then to *Sync Local*



No other work is needed for this driver; additional tasks may be needed in the device drivers.

Only upgrading from V4 to V5 is supported, all other versions are untested and on your own risk

6. Device variables

Similar to all Control4 Switch drivers.

7. Programming actions /commands

Similar to all Control4 Switch drivers.

8. Programming Device specific commands

- Refresh light level: The property *Refresh light level* can be overwritten to disable the Navigator refreshes temporarily

9. Known issues

See the manual for the *nexgentec ArtNet Network* driver for further information about issues that are known.

10. Updates / Support

Updates are available on: <<<https://technet.genesis-technologies.ch>>>

Bugs should be reported to: info@genesis-technologies.ch