



RTI Driver for Luxul AMS- and XMS series Ethernet Switches (version 1.01; Q4-16)

This driver enables you to:

- Turn on / off Power on each PoE+-port of the supported switches
- Set the power budget of each port individually
- Block / open data traffic on each port of the supported switches
- Set a hostname for the switch in your setup easy via the driver

Application Examples:

- Timed event; Include this driver into a time control macro in your RTI system. So you would be able to deactivate the Wi-Fi automatically during night.
- Manage where you want to have your Wi-Fi. You would for example be able to activate Wi-Fi AP's only in meeting rooms that are physically in use.
- Deactivate generic PoE devices with only one click / finger press.
- Deactivate data traffic to manage what clients / devices shall be able to enter the network. e.g. in training rooms, deactivate the wired network connection if the trainees should not be able to access the LAN network.
- Deactivate the wired network connection for the PC / client of your kids or guests.
- Activate the Wi-Fi in sections; e.g. deactivate the outdoor Wi-Fi AP in the garden for security reasons.

Supported Luxul Switches:

AMS-2600 (non-POE)

AMS-1208P

AMS-2616P

AMS-4424P

XMS-2624P

XMS-5248P

XMS-7048P

www.luxul.com/switches

Instructions for Luxul RTI Driver 1.01

1. Open your project in the Integration Designer Software from RTI
2. Go to the main processor (for example XP-3, XP-6, ...)
3. Go to "Drivers" and click on "Add"
4. Navigate to the directory you have extracted the driver to
5. Choose the .rti file and click on "open"
6. The driver now appears in the list of "Loaded Drivers".
7. Please select the respective driver.

You will find the following configuration points on the right side of the window:

Device selection:

- Type: Please select the Luxul switch you want to control
- Stacked (only appears if a stackable switch is selected): Enter the number of your switch in the stack
Important Note: For each switch in the stack, one driver has to be added to the controller.
- Hostname: The name the switch will display in the network

Connection

- TCP Address: The IP address of your switch in the network
- TCP Port: the port via what the connection gets established. (23 is default)
- Poll interval: Time interval in minutes. Here you can set up how often the driver gets an update from the switch.
Important Note: with every control command you send, the driver is getting an update too.

Login

- User name: Enter the Username of an User with administrative rights on the switch
- Password: Enter the corresponding password

Configuration Switch 1

- Access Point/Power of Port X:
Here you have the possibility to choose from the following points:
 - Select a Luxul access point model and the driver automatically sets the power budget for the port to the max. needed amount of power for the selected access point.
 - Standard PoE: The driver sets the power budget for the port to 15.4W max
 - Standard PoE+: The driver sets the power budget for the port to 30.0W max.
 - Custom: Enter an individual power budget for the port. This value has to be entered as follows.
Example:
15.4W = 154
30.0W = 300
...etc...

Important Note: Please always have an eye on the available power budget of your Switch. Under "GetInfo" of the driver, you will have an overview of the power budget per switch. Normally it is calculated to make each switch able to deliver at least 15.4W of power to every PoE port at once.

For any questions concerning this driver please contact:

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