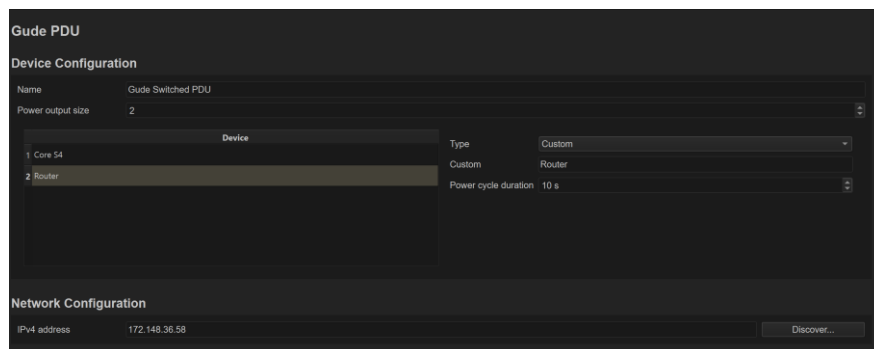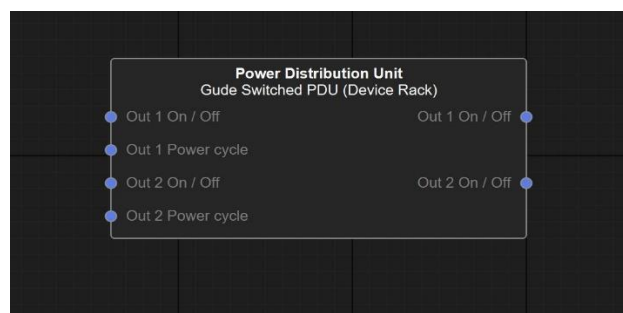# GUDE PDU/Core Integration

This application note will focus on the integration of the Core Plus/S4/Mini with GUDE PDUs. This integration will be useful to be able to power cycle devices remotely using the pro.basalte.live platform.

Step 1: Studio Configuration

- Drag and drop a Gude PDU from the library to the device rack.
- Enter a desired name (optional).
- Specify power output size.
- Choose Output 1, then on the right side, specify the type: Custom or Device.
    Choose Device, then under "Device", select the desired device in the project.
    Choose Custom in case the device is not in the project, then specify the custom name.
- Specify power cycle duration.
- Repeat the above steps for all the outputs.
- Press on Discover, then select the Gude PDU device from the list.
- The IPv4 address will be automatically filled.
- Push to server.

- The PDU can also be used in the logic using the block "Power Distribution Unit". The integrator will be able to power on/off outputs, trigger a power cycle to outputs, and check the status of the outputs.

Step 2: Power cycling via pro.basalte.live platform

- Sign in to your pro.basalte.live account.
- Choose the desired project, then you will be redirected to the devices page.
- Choose which device needs to be power cycled, select the 3 dots on the right side of the device, then press the "Power Cycle" button.
- Afterwards, you will get a notification that the power cycle command was triggered successfully for the device.