NETDIMMER

INSTALLATION EXAMPLES

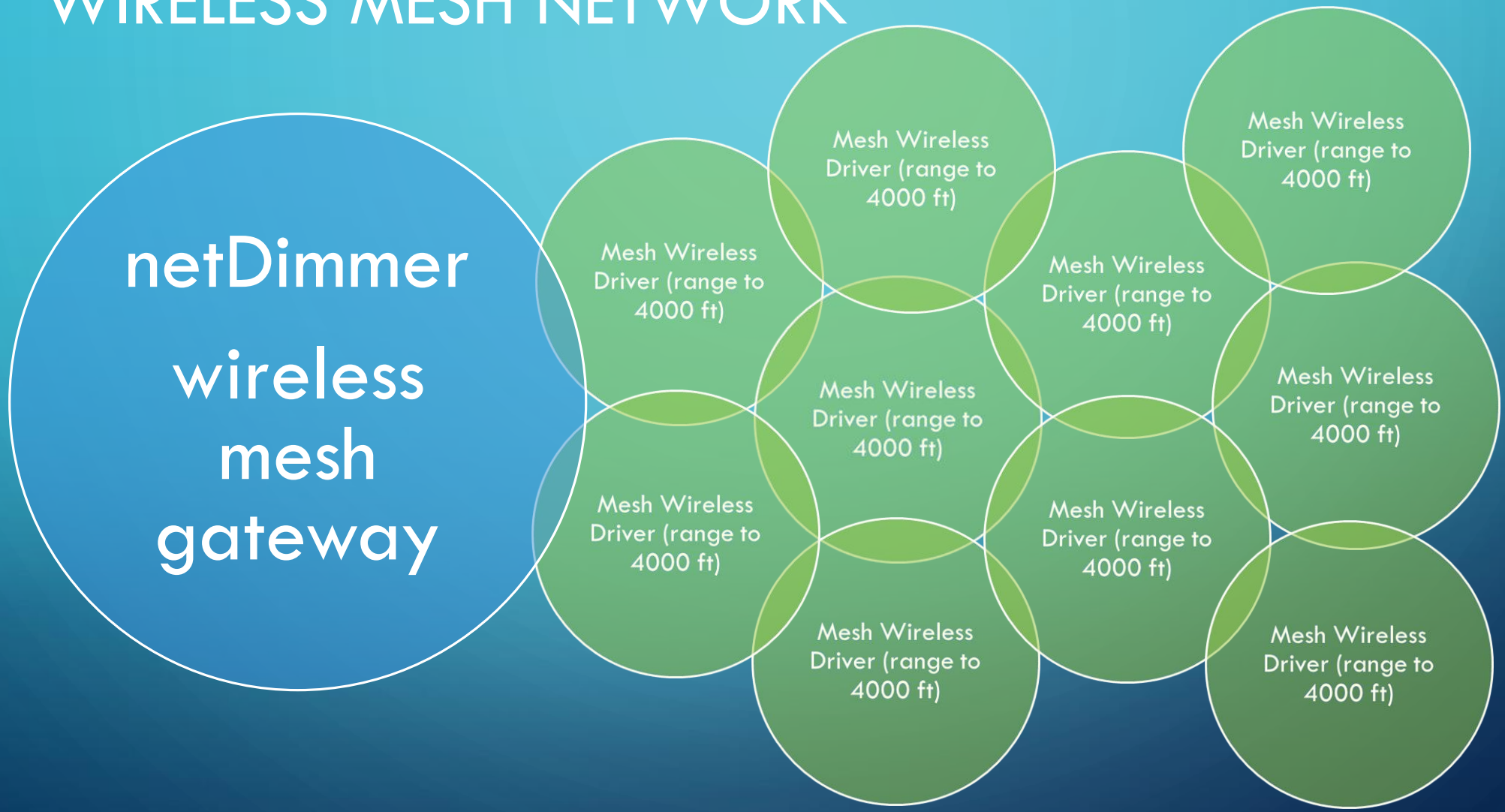
NETDIMMER NETWORKS

- HUB Gateways
  - Lower Cost
  - Confined space
  - Simple installation/deployment
  - Direct LED Light interface (TRIAC, PWM, 0-10VDC)
- MESH Gateways
  - Span large distances
  - Scalable deployment
  - Master/Slave (up to 128 slaves per network)
  - Low cost slave direct LED drivers (TRIAC, PWM, 0-10VDC)

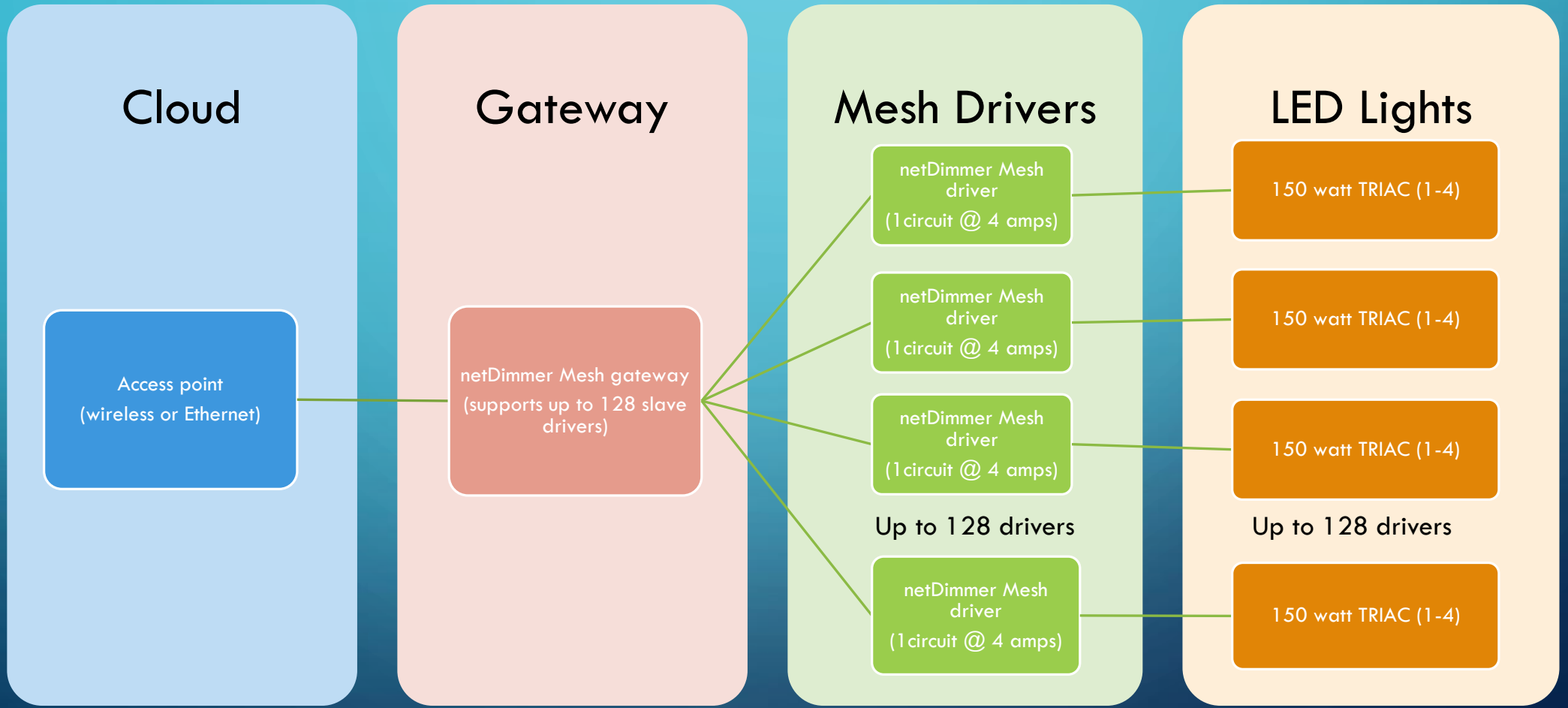
NETDIMMER MESH GATEWAY

- Central wireless gateway controller
  - Interface to local internet access point via Wireless or Ethernet
  - Links up to 128 separate wireless driver modules
  - Mixed driver options (TRIAC, 0-10VDC, Direct DC PWM)
- Distributed LED drivers
  - Self-healing network (continues to operate if node is off-line)
  - Spans very large distances (up to 100 miles)
  - Multiple lights per module (up to 24 depending on wattage)
  - Off-line detection
  - Amp sensor in each driver reports back to central gateway

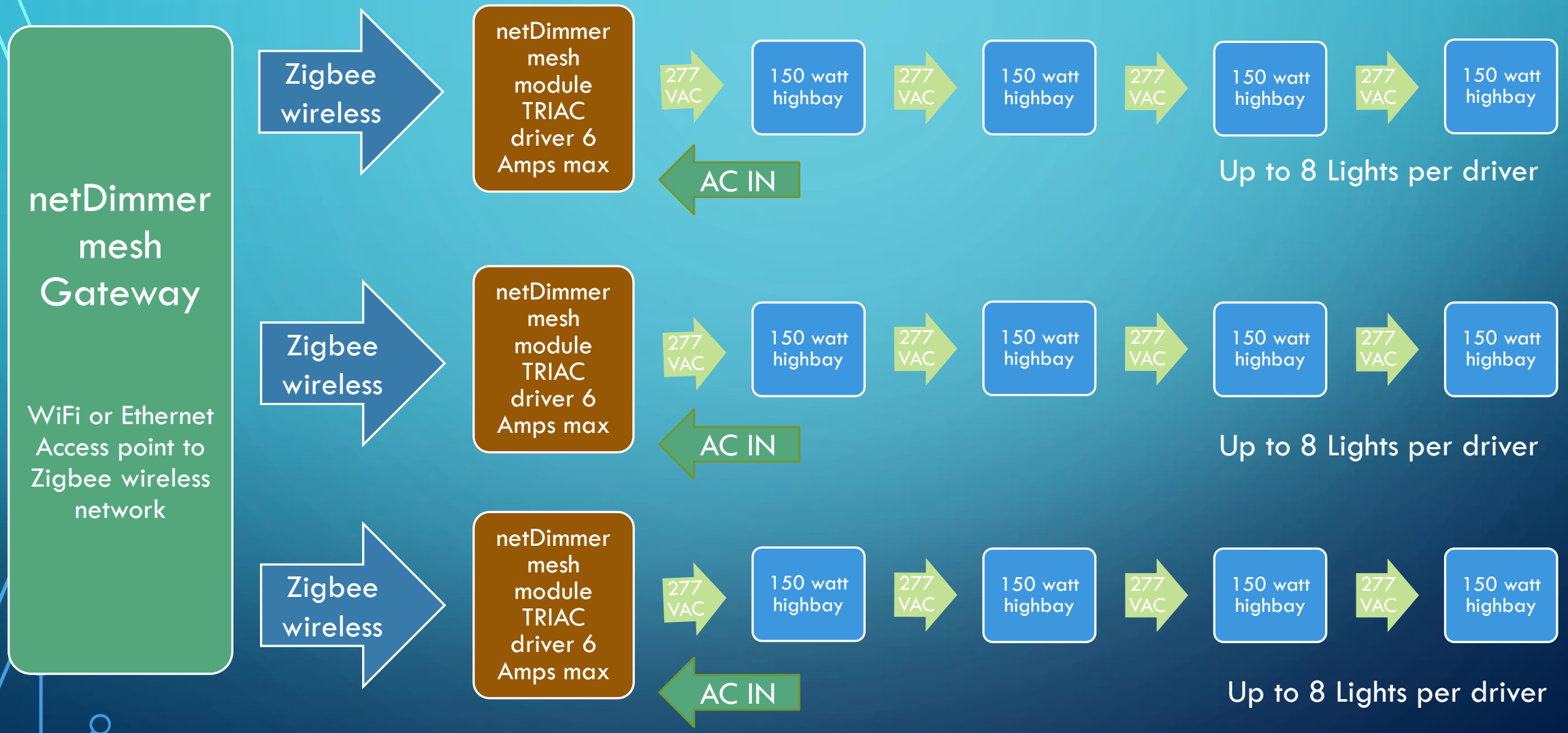
WIRELESS MESH NETWORK



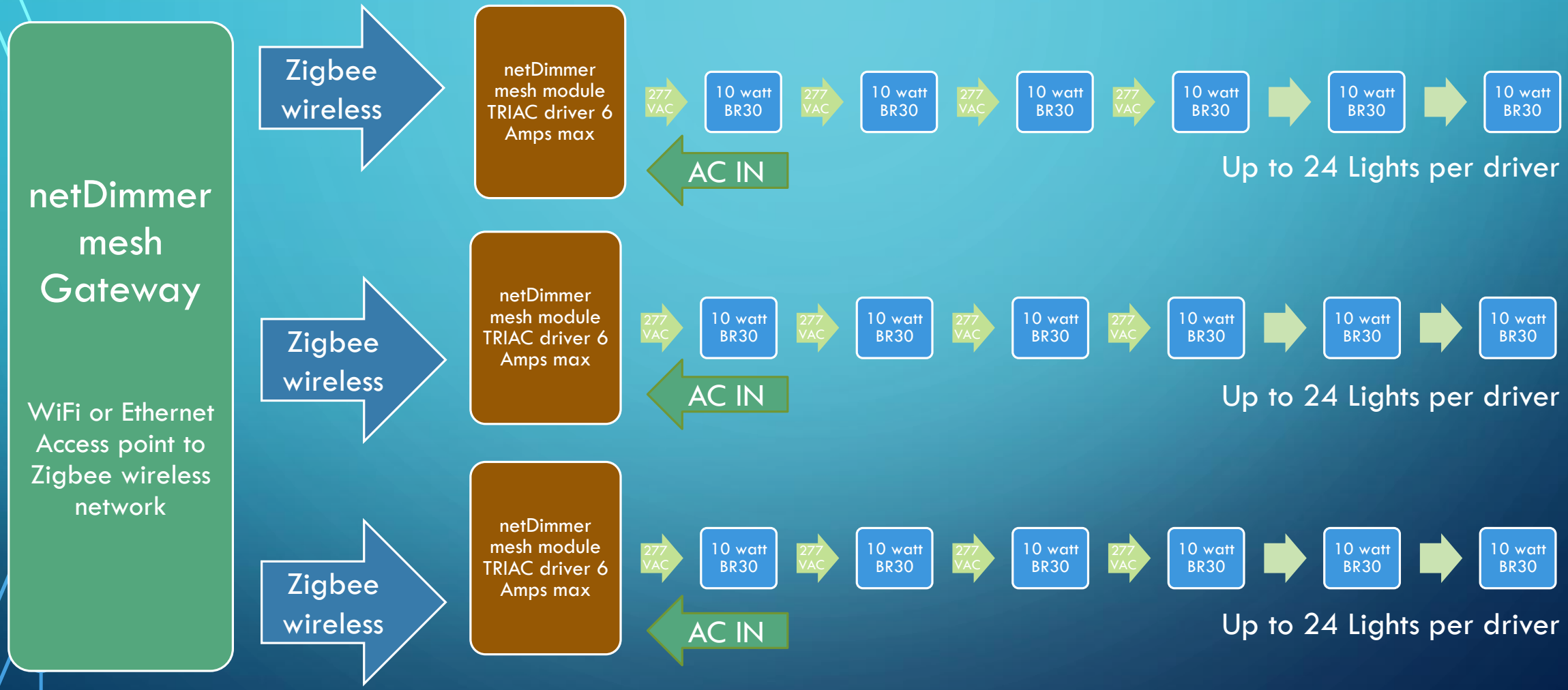
NETDIMMER MESH GATEWAY



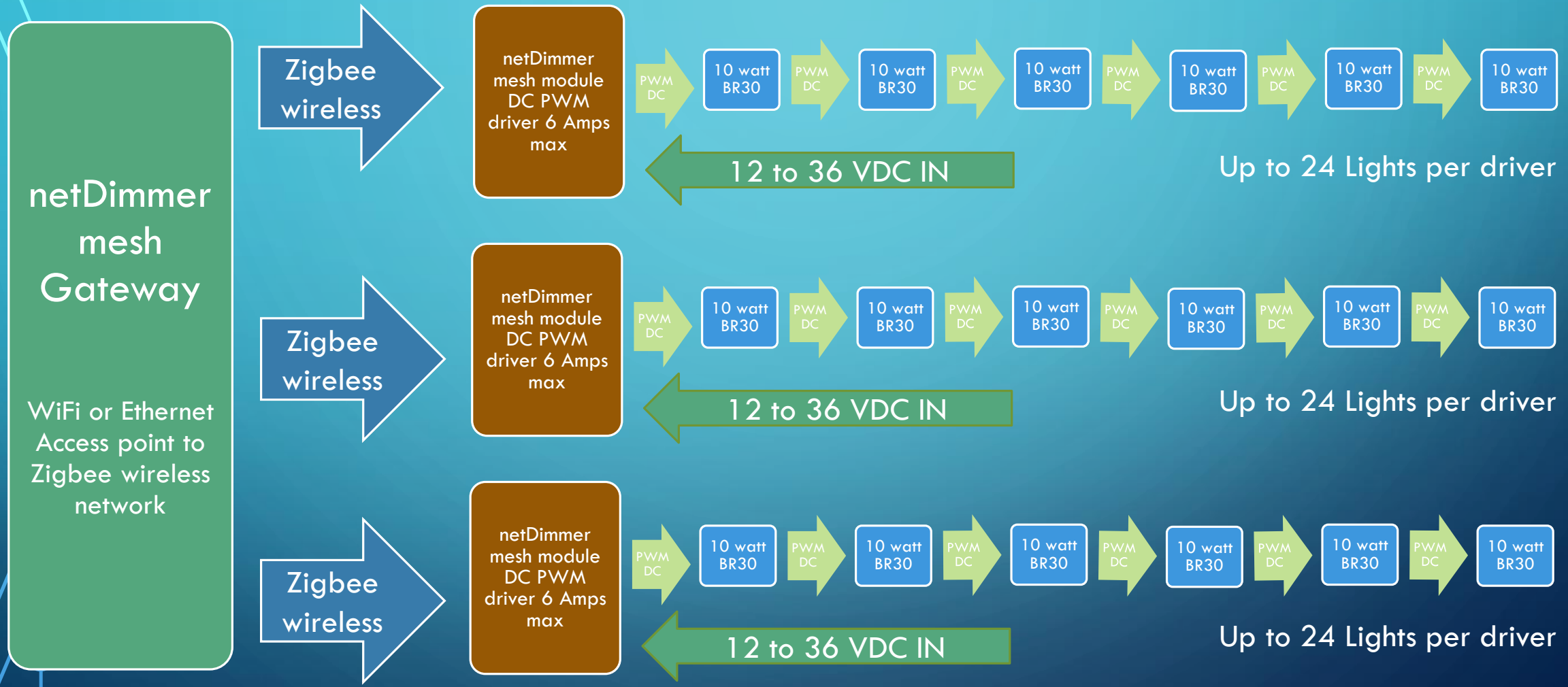
NETDIMMER – WIRELESS TRIAC DRIVERS (HIGHBAY)



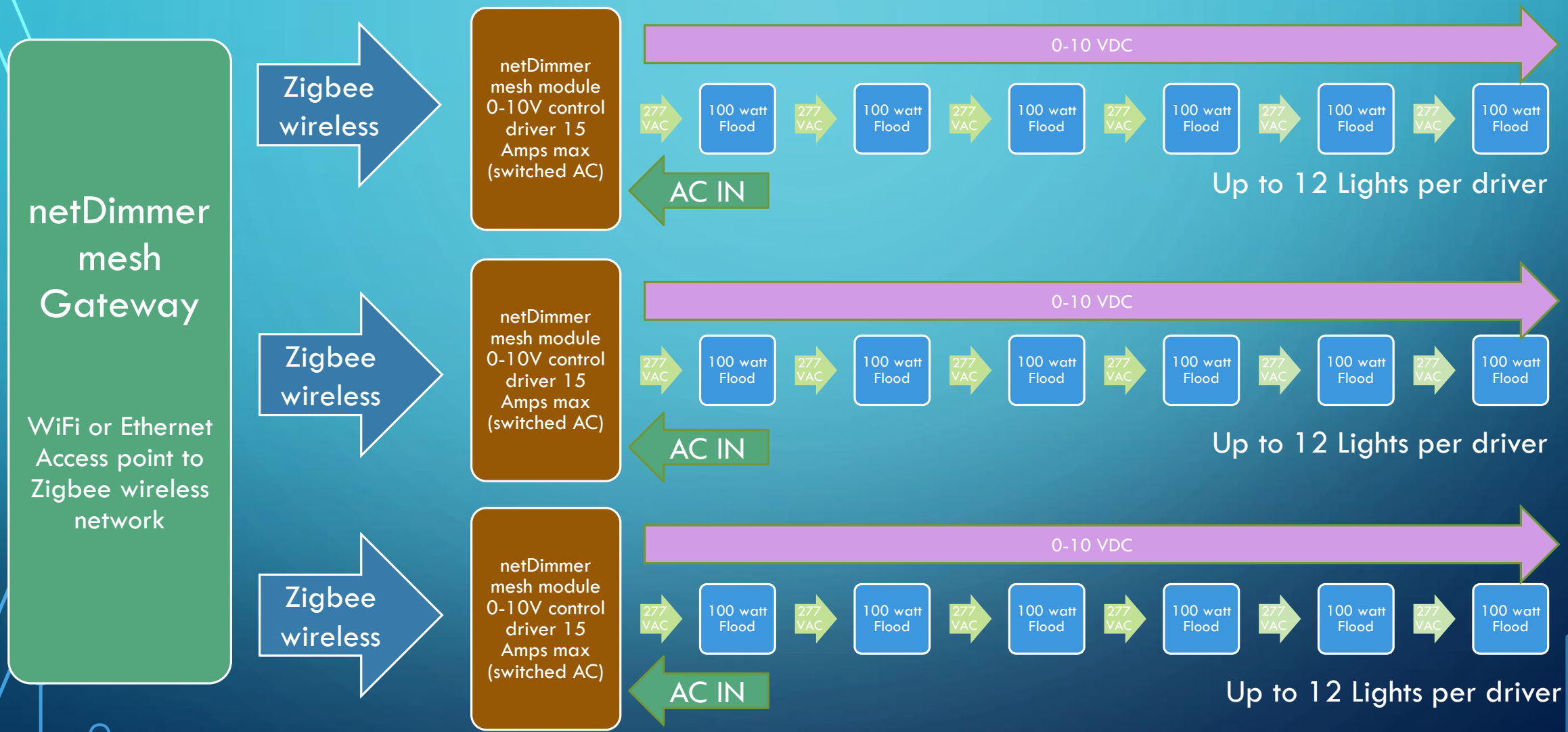
NETDIMMER – WIRELESS TRIAC DRIVERS (BR30)



NETDIMMER – WIRELESS PWM DRIVERS (DC)



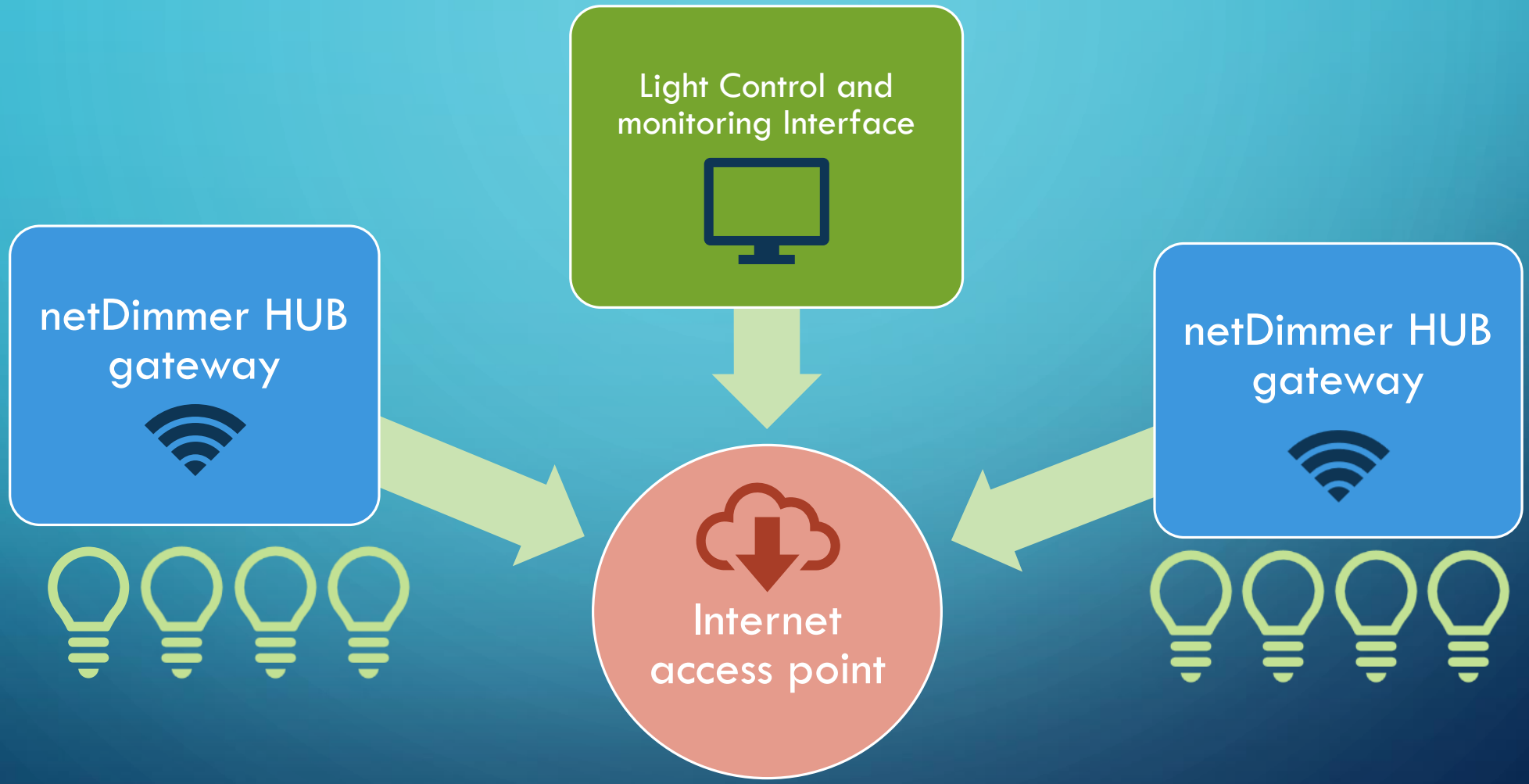
NETDIMMER – WIRELESS LED DRIVERS (0-10V CONTROL)



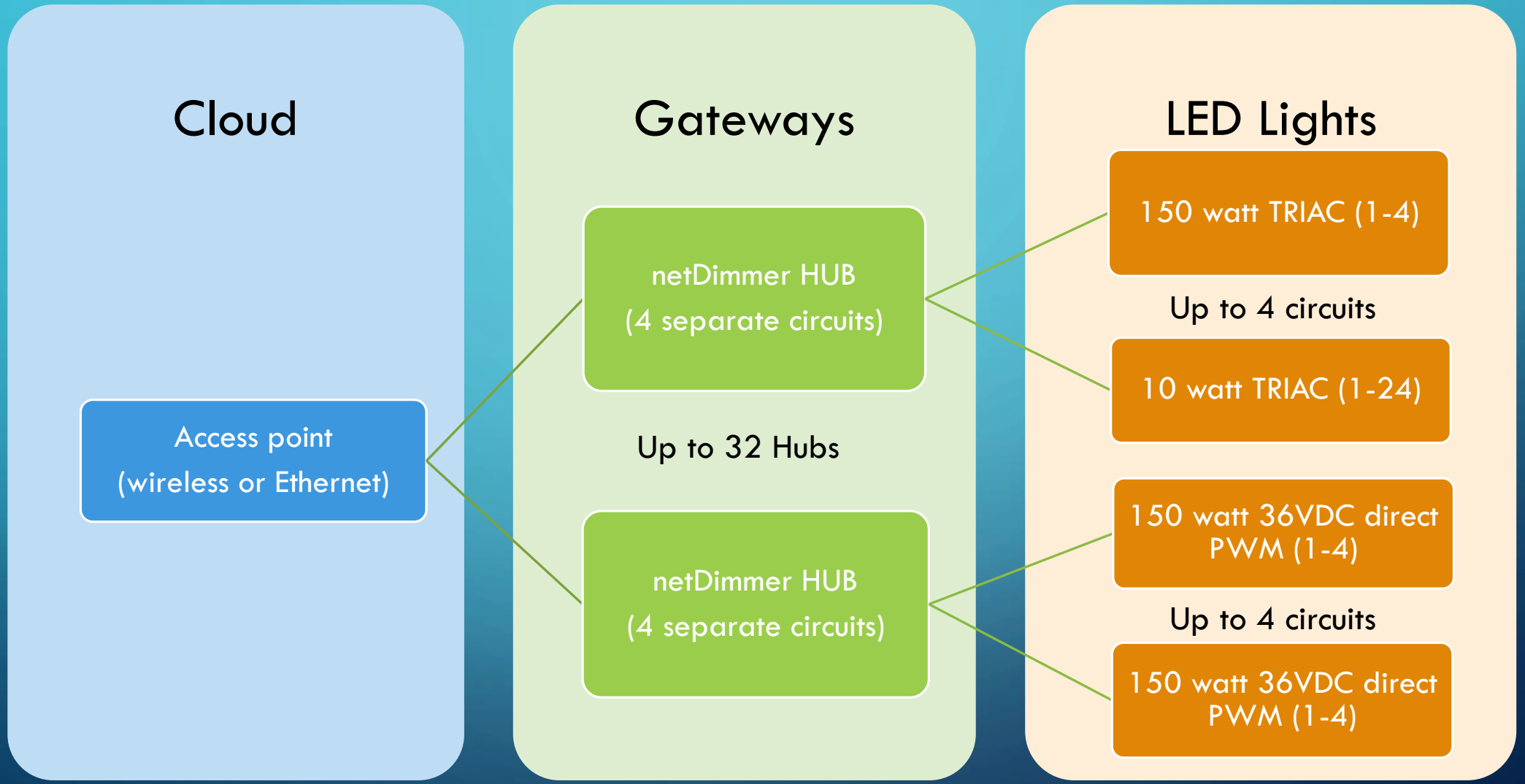
NETDIMMER - HUB NETWORK

- Self contained 4 channel driver
  - Up to 6 amps per channel
  - PWM DC and TRIAC AC options
  - Up to 24 lights per channel (depends on wattage)
  - Current sensor option
- Built-in embedded Web server
  - Control dimmer levels from any browser
- Links to local internet access point
  - Wireless (802.11 b/g)
  - Ethernet 10/100
- Cloud base control
  - Scheduled light levels
  - Remote monitoring

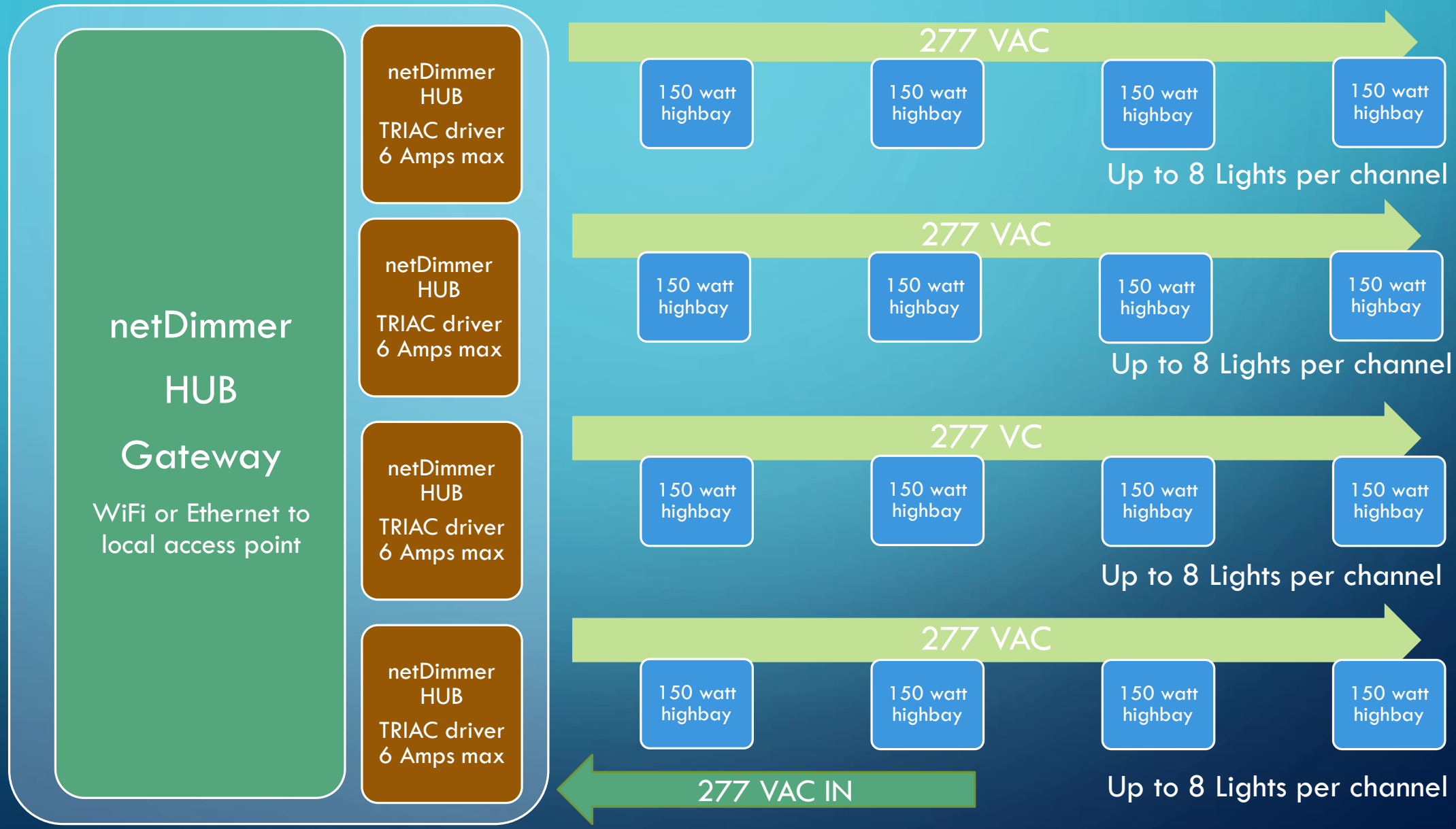
NETDIMMER – HUB NETWORK



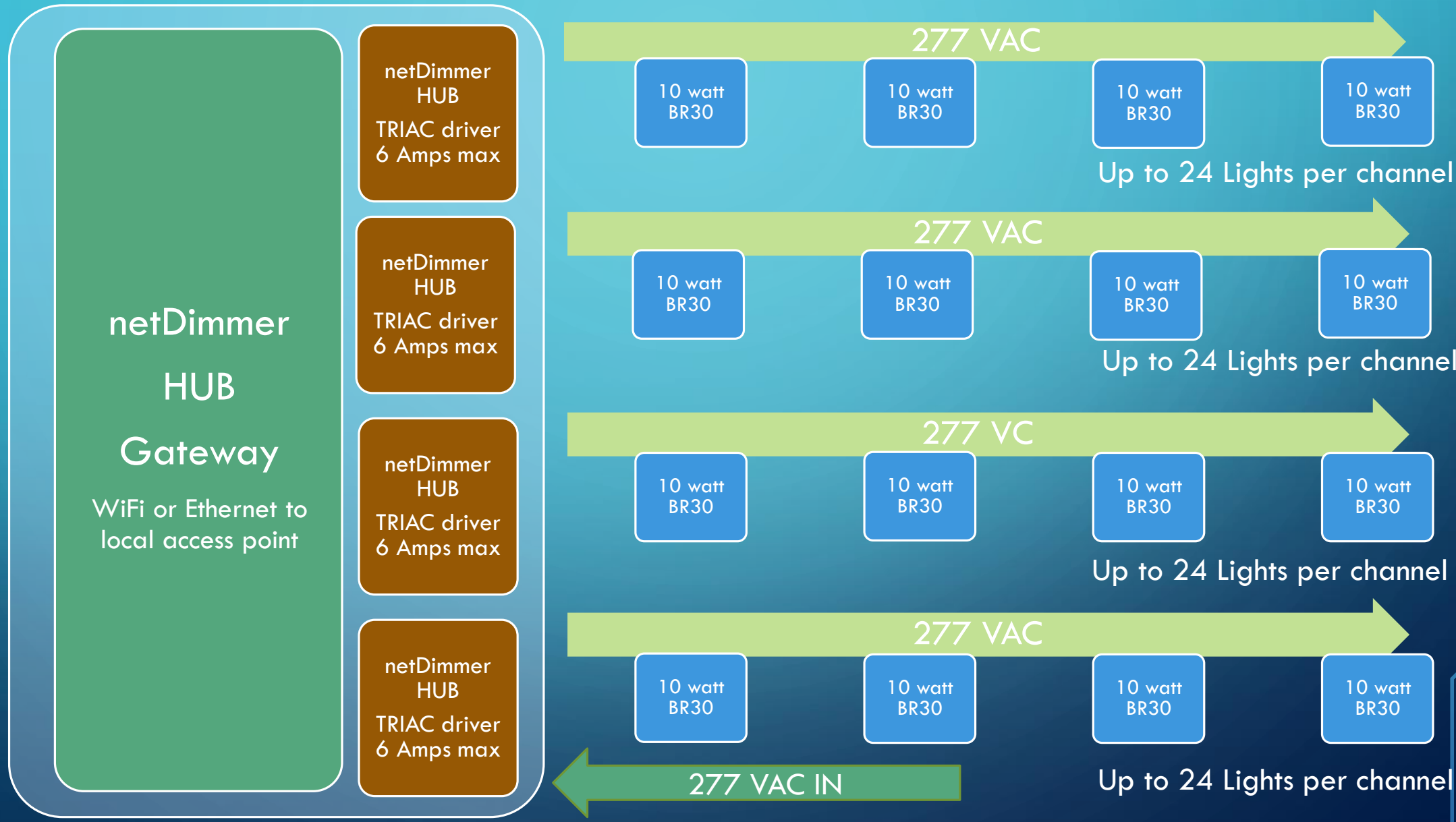
NETDIMMER HUB GATEWAY



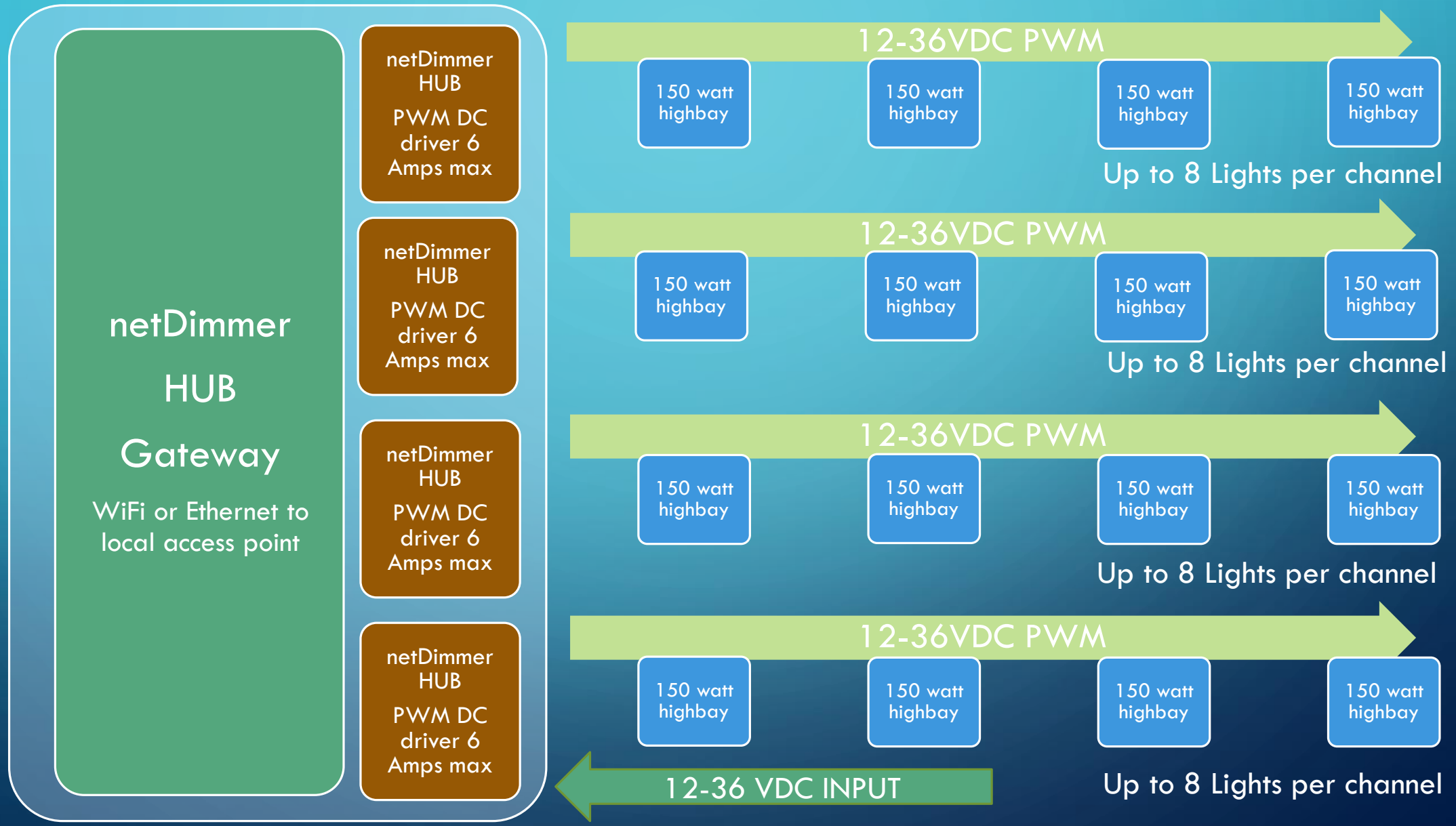
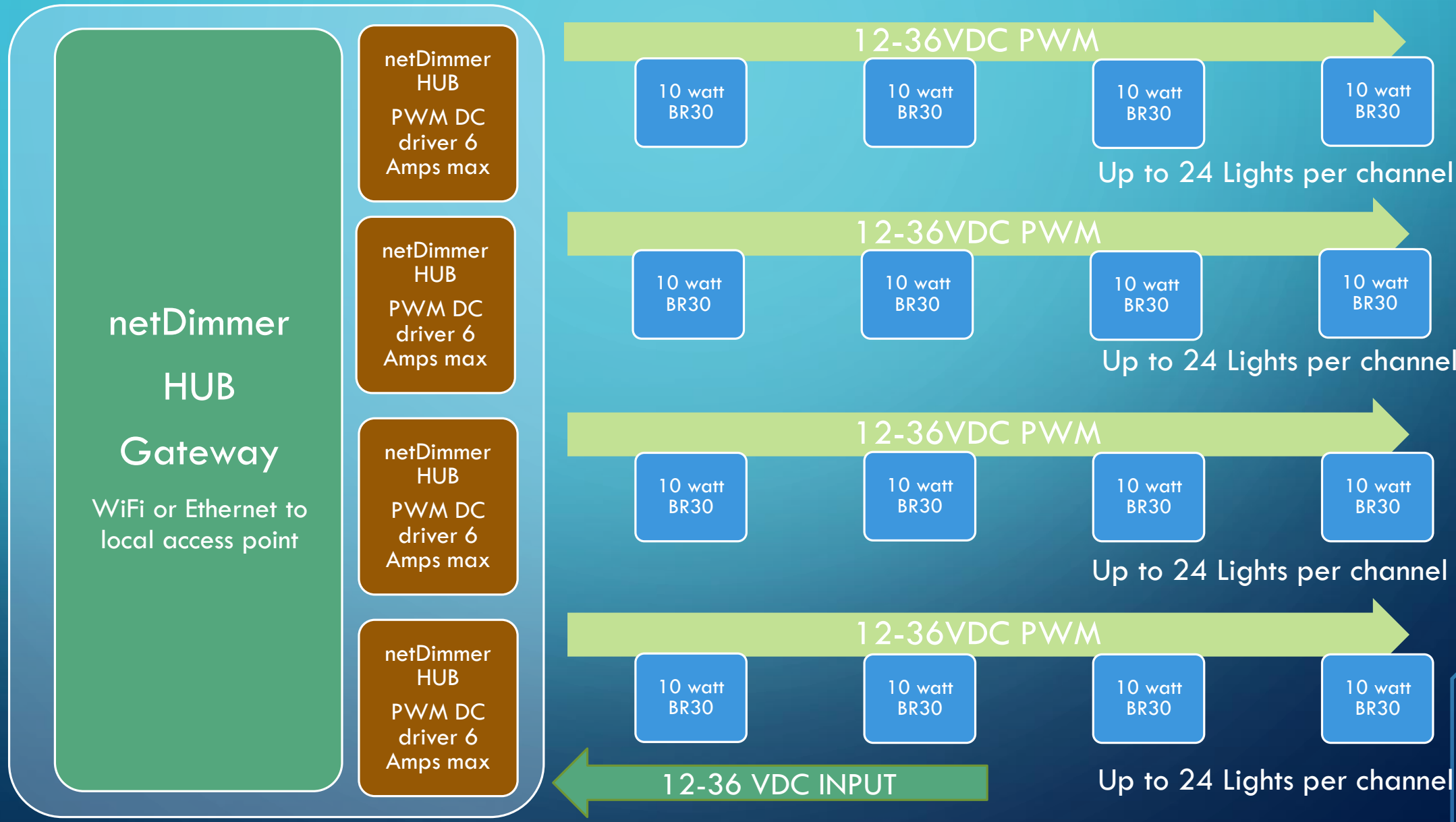
NETDIMMER – 4 CHANNEL HUB TRIAC DRIVERS (HIGHBAY)



NETDIMMER – 4 CHANNEL HUB TRIAC DRIVERS (BR30)



NETDIMMER – 4 CHANNEL HUB PWM DRIVERS (HIGHBAY)



NETDIMMER – 4 CHANNEL HUB PWM DRIVERS (BR30)