

# When to Use Multiport PoE Midspans

## Summary

When deploying multiple Power over Ethernet (PoE)-compliant devices, like Wireless Access Points (WAPs), a multiport PoE midspan is usually the midspan of choice.

One multiport PoE midspan, when installed and connected to an existing switch mounted on the rack, can support up to 24 devices in a building, terminal, arena or campus. PoE has a flexible cable length of up to 100 meters and doesn't require a conduit or an electrician for installation, significantly accelerating installation and reducing costs.

We have the broadest portfolio of multiport midspans in the market today to meet the needs of any situation. We offer:

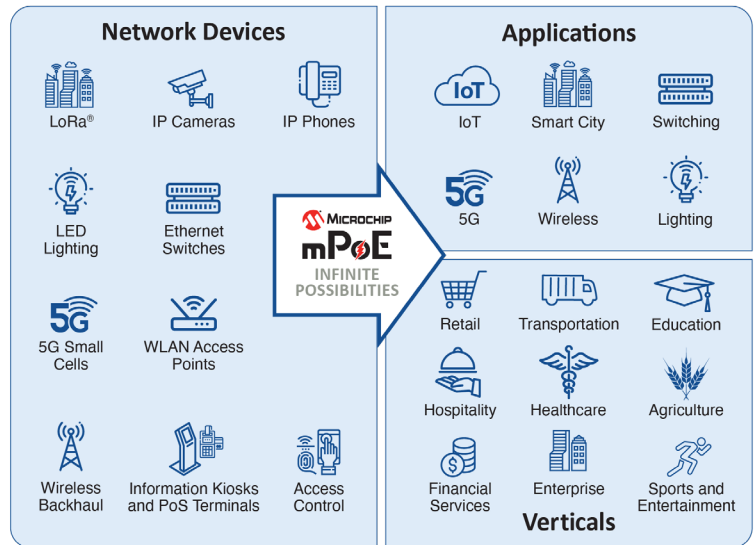
- A choice of IEEE® 802.3 af/at/bt-compliant devices
- PoE delivery from Class 1, 4W up to Class 8, 90W
- Options for 6-, 12- and 24-port rack mountable midspans
- The option to add power to existing switch infrastructures for an incremental investment or provide supplemental power to PoE switches that are not capable of providing power on all ports due to power budget limitations
- Easy-to-use power management capabilities for scheduling, enabling, disabling and reassigning power to where it is needed.

Today's Wi-Fi® 6 protocol demands higher data rates. We have multiport, multi-gigabit solutions that support:

- Data rates of up to 10 gigabits per second
- 6-, 10- and 24-port IEEE 802.3bt Type 3-compliant rack mountable midspans with web-based management capabilities

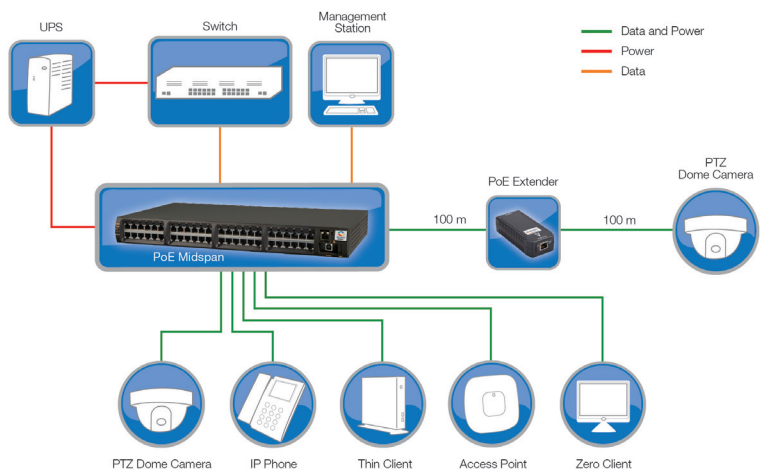
## Target Applications

Use multiport PoE midspans for the installation of multiple PoE-compliant devices.



## Installation

Refer to the diagram below to see where the PoE midspan sits in an installation.



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