

Deliver scalable,
powerful networks
for the ultimate
in wireless
communication.



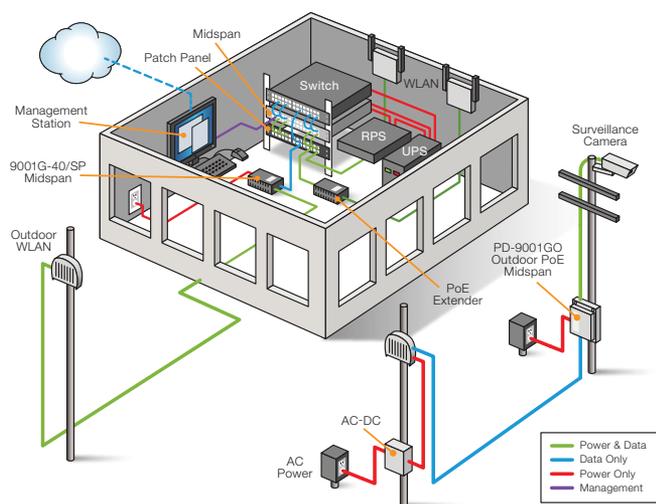
What if you could implement a best-of-breed communications network that leverages the existing Ethernet infrastructure?

- Build a network that supports the high power demands of today's BYOD environment?
- Offer a more reliable network?
- Enable deployment of short-range ultra-high bandwidth connections?
- Deliver a network that is matched precisely to your customers' needs and scales over time?

What if you could do all this at less cost? Could you win?

PoE midspan technology will be critical for building an Ethernet infrastructure with enough flexibility to support whatever mix of Wi-Fi technologies is required, independent of the data infrastructure. Emerging 802.11ac standard will triple speed and double power requirements. Microsemi PoE midspan technology provides PoE for all your .11 needs — 802.11a, 802.11g, 802.11n, 802.11ac, 802.11ad.

Typical PoE Implementation



Microsemi Advantages

Microsemi Midspans are compatible with existing IEEE 802.3 standard Ethernet Switches and deliver PoE over Cat5 or better Ethernet cable.

- Robust power availability – up to 72 W/port
- Scalability made accessible with 1,4,6,12 and 24 port models
- Plug and play installation reduces the man-hours required for installation
- Leading edge EEPoE Green midspans reduce power dissipation by 50%

Visualize an Ethernet infrastructure that adapts with your customers' insatiable demand for wireless communication and accessibility.

Customer convenience and energy efficiency

Unique PowerView Pro power management tool takes you from seamless installation to streaming communication. PowerView Pro allows you to:

- Remote reboot field-based devices
- Provide power redundancy and increased reliability
- Deploy green-friendly power consumption

Lowest Total Cost of Ownership delivers highest ROI

Network upgrades involve both fixed and discrete costs. Considering both the immediate Capex values with long-term Opex costs, midspans provide best-in-class value.

- Free limited lifetime warranty (16 years) supplants Switch service contract costs
- Device scheduling during periods of planned non-use reduces power expense
- Scale incrementally as new PoE ports are required
- Decouple power from data to maximize investment in switching technology
- Economical PoE solution for HiPoE deployment

Deliver leading edge Ethernet infrastructure solutions...and Win!



Microsemi

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