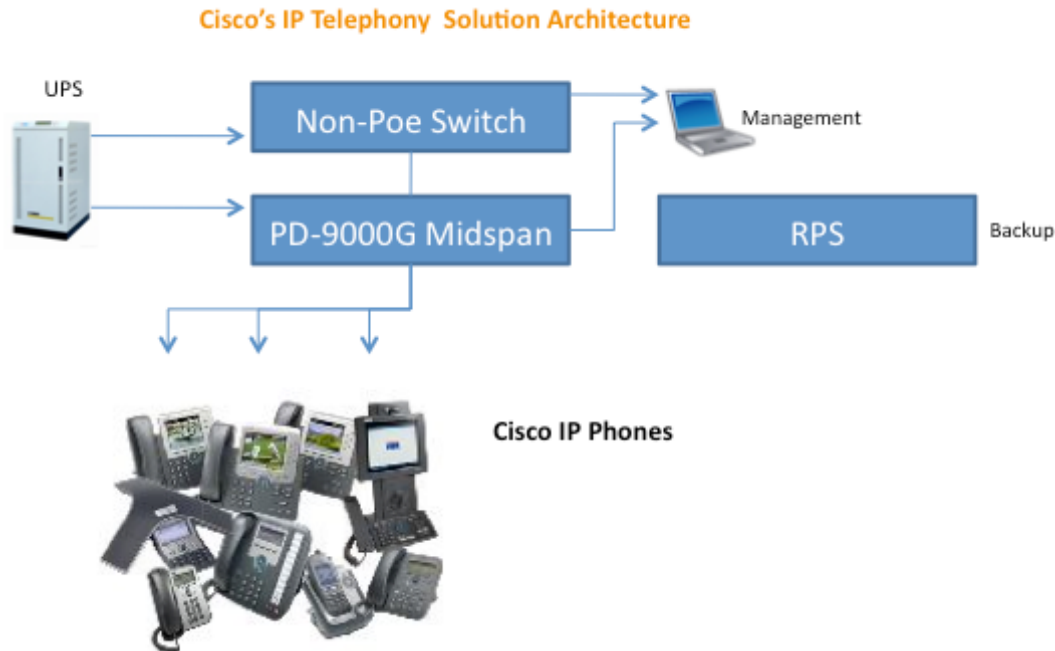


Cisco IP Telephony Solution Guide

PowerDsine® PoE Solutions for Cisco's IP Telephony Products



Just add PoE

PowerDsine high power PoE midspans, by Microsemi®, power Cisco Video and IP phones while using existing Ethernet infrastructure. Together with its power management application, PowerDsine midspans deliver enterprise class features:

- Up to 72W of Power over Ethernet
- Cost savings in AC outlet, cabling installation
- Plug and play installation eliminates need for network reconfiguration
- On/off power scheduling reduces power consumption
- UPS connectivity provides guaranteed uptime to protect against data loss
- 10/100/1000 Mbps data transfer rates

PowerDsine delivers Power over Ethernet, using existing Ethernet infrastructure for reduced cost and installation headaches.

PoE Midspan Systems

PowerDsine 9500G Midspan family

The PowerDsine EEPoE 9500G family is our highest power, most energy efficient midspan family, delivering up to 72W of power per port using all 4 pairs of cable. PD-9500G enterprise class midspan devices are compliant with IEEE802.3at standard, support Gigabit rates and are available in a single port device, plus 6 and 12 port models.

PowerDsine 9000G Midspan family

The enterprise class PowerDsine 9000G family is specifically designed to power Ethernet end-terminals that require high power, up to 36 watts. PD-9000G midspan devices are compliant with the IEEE802.3at standard, include 6, 12 and 24 port models.

PowerDsine 6500G Midspan family

The PowerDsine 6500G family sets a new standard for enterprise class PoE midspans. The highly secure, remotely managed and safe-to-use PD-6500G series midspans support large installations using multiple 24-port units, and 12- and 6-port models that optimally suit smaller installations of IP Phones, wireless LAN access points.

Peripherals and Support

Redundant Power Supply

PowerDsine's Redundant Power Supply (RPS) enables full power backup for both PD-9000G and PD-9500G midspan families and is available in either 450W or 1000W.

PowerView Pro

PowerDsine Enterprise Class Midspans have PowerView Pro, a powerful network management tool and Simple Network Management Protocol (SNMP v3) that allows unprecedented remote control to systems administrators.

Compatible Cisco IP Telephony Devices



802.3 af

8954 IP	8941 IP	7975G	7971G-GE	7970G	7965G
7962G	961G-GE	7945G	7942G	7941G-GE	7931G
7922G	6961G	6945G	6941G	6921G	6911G
6901G	3911	3905	7937G -Conf	SPA 5000G IP Series	

802.3 at

9971	9951	8961 IP
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