

# PowerDsine<sup>®</sup> Midspans for Cisco IP Telephony



## The Optimal solution for Cisco existing infrastructure installations

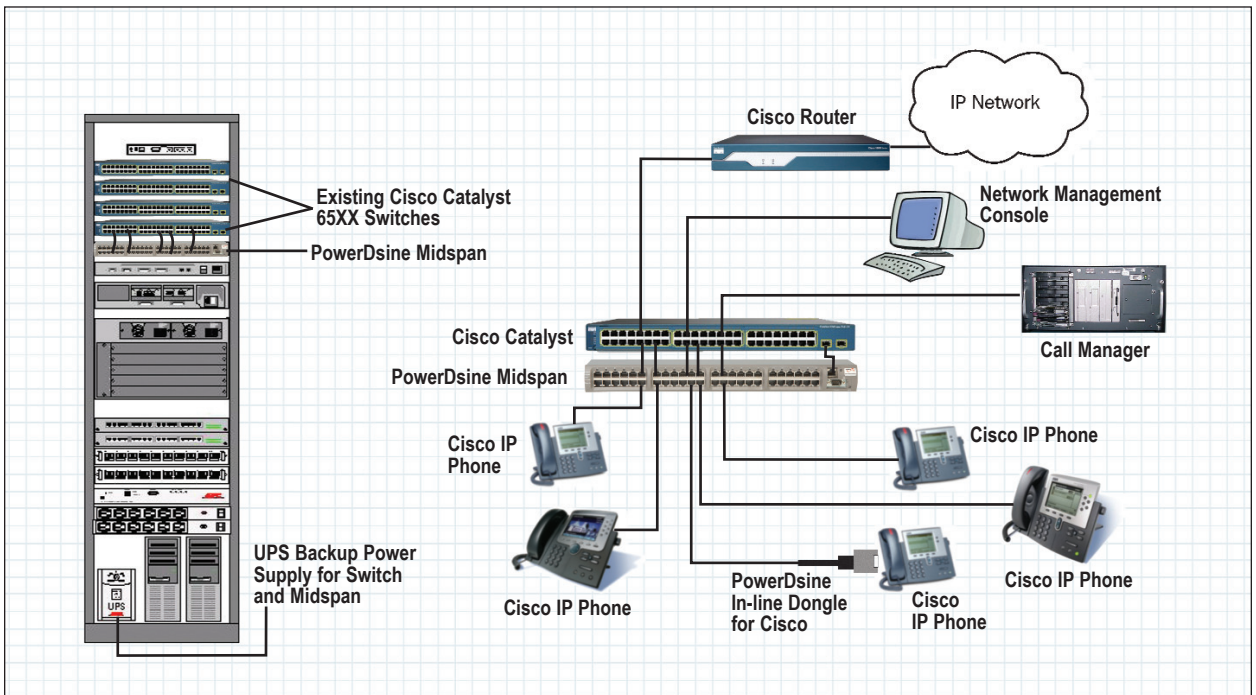
PowerDsine midspans are the easy, cost-effective way to supply power over existing Cisco infrastructure. PowerDsine eliminates the the cost, time and inconvenience of installing separate power cabling. PowerDsine midspans also are significantly less expensive than upgrading to a PoE switch.

The PowerDsine solution:

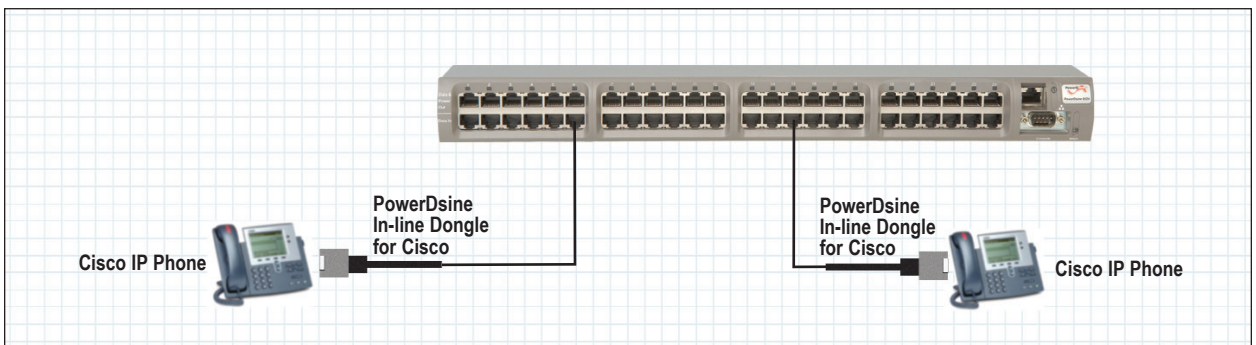
- Can reduce installation costs by up to 80%
- Scale from 1-port to 48 ports and more
- Support Gigabit transfer rates
- Provide up to 32W of power



## Typical IP Phone deployment with existing Cisco infrastructure



## How to connect Cisco pre-standard IP Phones to PowerDsine Midspans



**From Cisco's Website:**

**“Customers are encouraged to migrate to...Cisco Technology Development Partner PowerDsine...for the new IEEE802.af and Cisco pre-standard power schemes.”**

Cisco Non-PoE Catalyst Switch	PowerDsine Midspans	Cisco IP Phone	802.3af	Splitter P/N
<b>Cisco Blade Switches</b>	 <p><b>6500 Midspan Series</b> Business class PoE Midspans with advanced NMS features and lifetime warranty.</p>  <p><b>7000G Midspan Series</b> High Power Single and Multi-port Port PoE Midspans delivering up to 32W per port and gigabit speed.</p>  <p><b>6000G Midspan Series</b> Gigabit Business class PoE Midspans with advanced NMS features and lifetime warranty.</p>  <p><b>3500 Midspan Series</b> IEEE 802.3af PoE Midspan for the enterprise, 19" rack mountable.</p>  <p><b>3000 Midspan Series</b> Economy class, compact design, IEEE 802.3af PoE Midspan for low terminal density installations.</p>	7905G	-	
Cisco Catalyst 6500		7906G*	✓*	
Cisco Catalyst 6503		7910	-	PD-PS-401/Cisco
Cisco Catalyst 6506		7911G*	✓*	
Cisco Catalyst 6509		7912G	-	
Cisco Catalyst 6509 NEB		7931G*	✓Class3*	
Cisco Catalyst 6513		7940G	-	PD-PS-401/Cisco
Cisco Catalyst 4500		7941G	✓	
Cisco Catalyst 4503		7941G-GE*	✓Class3*	
Cisco Catalyst 4506		7942G*	✓Class2*	
Cisco Catalyst 4507R		7945G*	✓Class3*	
Cisco Catalyst 4510R		7960G	-	PD-PS-401/Cisco
<b>Cisco Stack Switches</b>	 <p><b>3500 Midspan Series</b> IEEE 802.3af PoE Midspan for the enterprise, 19" rack mountable.</p>  <p><b>3000 Midspan Series</b> Economy class, compact design, IEEE 802.3af PoE Midspan for low terminal density installations.</p>	7961G	✓	
Cisco Catalyst 3750		7961G-GE*	✓Class3*	
Cisco Catalyst 3560		7962G*	✓Class2*	
Cisco Catalyst 2970G		7965G*	✓Class3*	
Cisco Catalyst 2960		7970	✓	
Cisco Catalyst 2950		7970G*	✓*	
Cisco Catalyst 500		7975G*	✓*	
		7985G*	✓*	

✓Tested Compliant. \* 802.3af Compliant by vendor declaration. For updated information, visit the Microsemi website: [www.microsemi.com](http://www.microsemi.com)

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