

IEEE P802.3at Task Force

Power Via MDI Enhancements

Proposed remedy for 4P bucket

Jan 2008

Yair Darshan
Gianluca Sanita'

Microsemi Corporation
Nokia Siemens Networks



Objectives

- Resolving N x 2P comments
 - With minimal changes in 802.3
 - Without adding additional requirements on 2P
- Strategy
 - Replace relevant text with “out of scope of the standard”



Current text of 802.3 and suggested remedy

PSE section: 33.2.2 Page 22 line 49-52:

A PSE shall implement Alternative A or Alternative B, or both, provided the PSE meets the constraints of 33.2.3. Implementors are free to implement either alternative or both. While a PSE may be capable of both Alternative A and Alternative B, ~~PSEs shall not operate both Alternative A and Alternative B on the same link segment simultaneously.~~ **simultaneous operation of Alternative A and Alternative B is out of scope of the standard.**

PD section: 33.3.1 Page 49 line 41-42:

NOTE—PDs that implement only Mode A or Mode B are specifically not allowed by this standard. PDs that simultaneously require power from both Mode A and Mode B are ~~specifically not allowed by~~ **out of scope of** this this standard.



Discussion

