



# Elimination of Alternative B for Midspans

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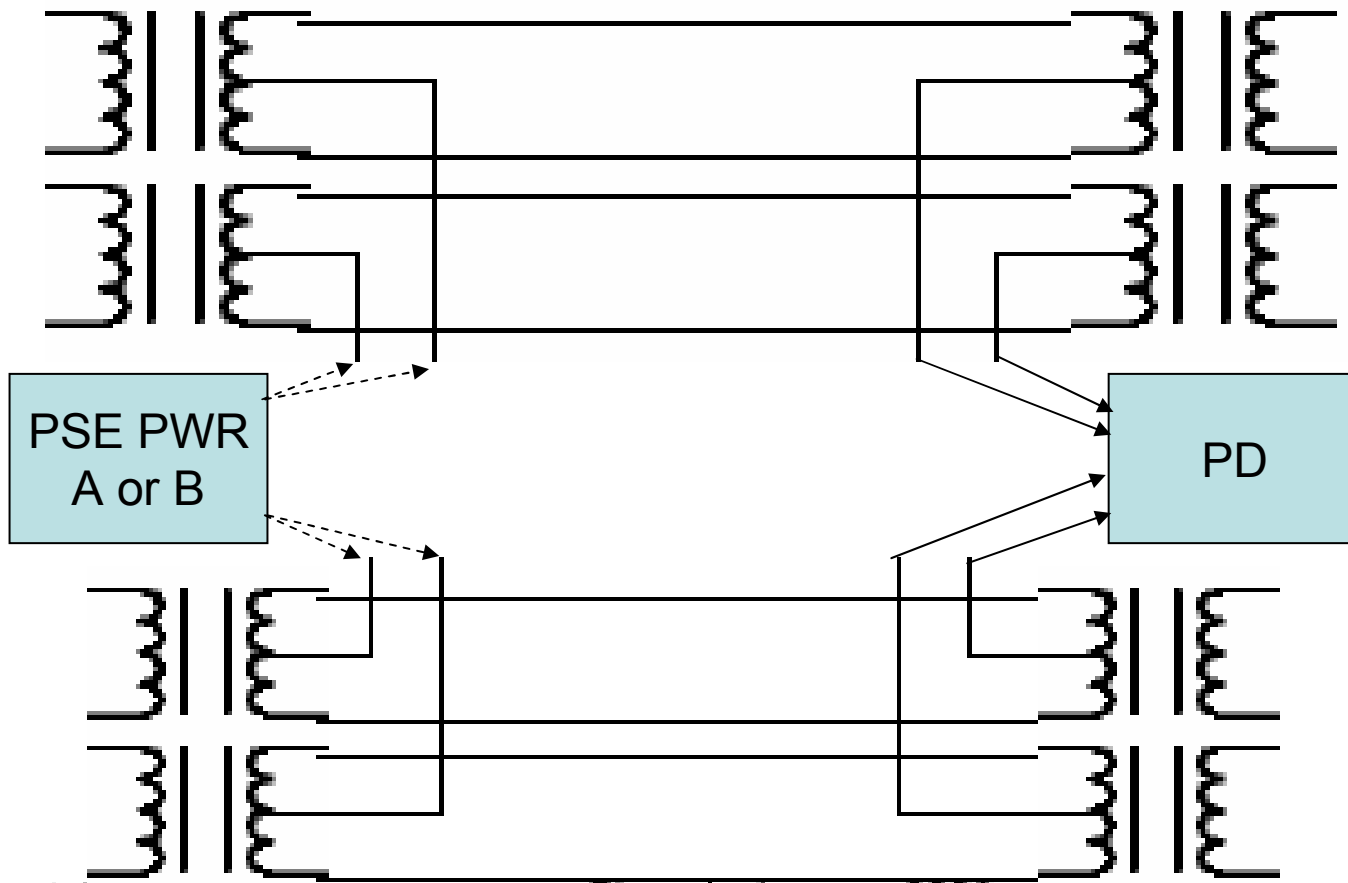


# Why should we discard the alternative B requirement?

- The addition of 1000baseT to the 802.3at spec has shown that alternative B is not required anymore.
  - 1000base T performance with midspans
    - Data was not adversely affected which was the original concern when picking alternative B for af.
    - Phantom powering is a requirement now for 1000baseT Midspans.
  - If you have a 4 pair HP midspan you need to allow powering on Alternative A.



# Implementation 1000baseT





# Motion

- Move that the 802.at task force eliminate the requirement for midspans to be only alternative B powering and to become alternate A or B the same as endspans for 1000baseT.
- M : Rick Frosch
- S: Chad Jones
- All            Y:            N:            A:
- 802.3        Y:            N:            A: