ANOTHER PIECE OF EEE

An additional requirement for Energy Efficient Ethernet

Geoff Thompson Nortel Presented to 802.3az Atlanta, November, 2007

802.3 Model (for discussion purposes)



New interface required

- New interface needed for EEE
- From upper layers to PHY
- "Gear shift": Tell PHY when to shift speeds
- Operates in real time
- (Sub-layers above PHY need not be involved, signals just pass through)
- Shown in orange on next slide

New interface goes here







Our project will FAIL if this is proprietary !

This is outside the scope of 802.3

 Because the application has to be able to include control of devices like this:

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