DTE Power via MDI
Call for Interest Meeting Report
Steve Carlson
ESTA
# Presentations

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<th>Name</th>
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<td>3Com</td>
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<td>Amir Lehr</td>
<td>PowerDsine</td>
<td>Power over Ethernet</td>
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<td>Steve Adams</td>
<td>Intel</td>
<td>Market Need for Power to the DTE</td>
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<td>Arlan Anderson</td>
<td>Nortel Networks</td>
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<td>Scott Burton</td>
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<td>Carlos Rios</td>
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<td>Remote Power for WLAN Access Points</td>
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<td>Khy Vijeh</td>
<td>National Semiconductor</td>
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- All information will be placed on the Web
- **URL:**

  http://grouper.ieee.org/groups/802/3/power_study/public/index.html
Why?

Market Opportunity:

- IP Telephony 8.8M Units projected for 2001
- Wireless LAN base stations 700K nodes by 2001

Emerging applications in:

- Business productivity (PDAs, Palmtops, Cameras)
- Building management (lighting, security, HVAC)
- Home automation (entertainment, e-commerce, etc.)
- Industrial (instrumentation, process control)
Why?

Market Pressure:
Non-standard implementations exist NOW!
– Incompatible with 802.3ab, T4, … ?
– May cause damage to equipment
– Will certainly cause customer issues
Lack of standardization will dilute 802 market value

Standards Pressure:
EIA/TIA TR-41.3.4 standard for IP Telephones
Motion to Proceed (Part 1)

Number of individual prepared to contribute to establishing a project on this topic:
33

Number of companies prepared to contribute to establishing a project on this topic:
20
Motion to Proceed (Part 2)

Request that in response to the DTE Power via MDI Call for Interest, that 802.3 approve the creation of a DTE Power via MDI Study Group and authorize an interim meeting.

Procedural (50%)
Move: Bill Quackenbush
Second: Curtis Siller
Y:44 N:0 A:0
Motion to Proceed (Part 3)

To charter an Ad Hoc group to generate the presentation for 802.3 on Thursday and to nominate a person to lead this Ad Hoc and present to 802.3

Steve Carlson to Chair the Ad Hoc Procedural (50%)

Move: Arlan Anderson
Second: Khaled Amer

Y:38 N:1 A:8
Conclusion

There was a unanimous consensus at the Call for Interest Meeting to form a Study Group. The study group will produce either:

A recommendation for a standard for DTE power via MDI;

Or a technical report detailing why such a standard is not possible.
Motion

In response to the DTE Power via MDI call for interest, that 802.3 approve the creation of a DTE Power via MDI Study Group and authorize an interim meeting.

Procedural (50%)
Move: David Law
Second: Bill Quackenbush
Y: 69 N: 0 A: 0