

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

Presentations

Nick Stapleton	3Com	DTE Power via MDI
Amir Lehr	PowerDsine	Power over Ethernet
Steve Adams	Intel	Market Need for Power to the DTE
Arlan Anderson	Nortel Networks	DTE Power over MDI: Terminal power over LAN wiring
Scott Burton	Mitel	Power over Ethernet
Carlos Rios	3Com	Remote Power for WLAN Access Points
Khy Vijeh	National Semiconductor	DTE Power via MDI

•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