

DTE Power via MDI

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3Com

Agenda

- Administration

- Welcome, Introduction
- Appoint secretary for meeting

- 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

Agenda (Con't)

- Discussion
- Motion to Proceed
 - Gauge level of interest
 - Generation of presentation for Thursday in 802.3

Other Information

- All information will be placed on the Web
- URL:-

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

DTE Power via MDI

- Needs
 - Web Cams
 - Ethernet phones
 - Wireless LAN access points
- Benefits
 - No PSU, more compact, reliability
- Problems
 - No standard
 - Multiple Proprietary solutions

General Scope

- Power available
- Pairs used
- Current Insertion technique
- Inter-operation with 10, 100 and 1000Mb/s
- Inter-operation with other standards
- Impact on noise immunity and emission

Call for Interest to Task Force Process and Timeline

- July Create Study Group
- Sept SG Interim I
 - Set S.G. scope; objectives & plan
- Nov Present Tutorial
- Jan SG Interim II
 - Initial draft of PAR, 5 criteria and objectives
- March First Task Force meeting

Meeting Objective

- This is not a task force
 - Will not do task force business
- This is not a study group
 - Will not do study group business
- This is a Call for Interest that needs to:-
 - Formally establish if there is sufficient interest for an 802.3 project
 - If so, do what it takes to get 802.3 to charter a Study Group

Presentations

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

Interim meeting location

Move that a 2 day Interim meeting be held on 30th Sept, 1st Oct, co-located with the other 802.3 interim meetings in York, UK

Move: Mike McCormack

Second: Steve Adams

Y:27 N: 1 A: 20