

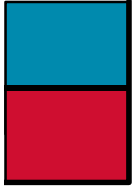


Power Ad-hoc Agenda May 22-23, 2001

Karl Nakamura, Cisco Systems

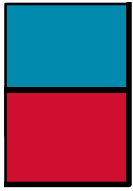
karln@cisco.com





Agenda: Issues List (1 of 3)

- **Introduction: Overall Power Delivery (1 Hour)**
What we've voted on for power delivered by the PSE Ccullin presentation
- **Continuous Power Specification: PSE and PD (3 hours)**
Get agreement on Power Out from the PSE/into the PD: Pout, Prms, Pave, Time Durations. Introduction/Problem Definition by karln
Proposals from Micrel, Cisco, PowerDesine, TI
- **Inrush Power Specification: PSE and PD (1 hours)**
Get agreement on Power Out from the PSE/into the PD: Pout, Prms, Pave, Time Durations at start up. Introduction by karln
Proposals from Micrel, Cisco, PowerDesine, TI



Agenda: Issues List (2 of 3)

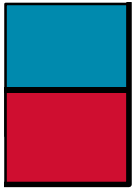
- **Minimum Current Spec (.5 Hour) [NOT THE PATENT THING]**

Get agreement on Power level that drives disconnection (A Proposal has been made to detect currents below 10 mA for durations longer than 100 mSec)

- **Noise Specification (1 hour)**

Define a direction on the noise envelope allowed coming out of the PSE and the PD. What's the test methodology.

Presentation by Rick Brooks



Agenda: Issues List (3 of 3)

- **Grounding/Isolation: (15 minutes)**

Get agreement on direction: a proposal to just leave Environment A and Environment B.

- **2 PSEs and 1 PD. (15 minutes)**

Get agreement on direction. Proposals include:

PSE state machine

Decree that it's not allowed

Polluting the signature in the PD

- **New Issues (30 Minutes)**

Patch Panels, 25 Pair Cables, RJ-21 Connectors and currents higher than 350 mA. Work needed to validate even 350 mA DC.