



IEEE1394 and LANs

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Agenda

- Introduction
- Overview of 1394, Raj Paripatyadar
- What's Next? Vinod Bhardwaj
- Home Networking, Paul Bottorff
- Summations, Q&A



FireWire®

- Invented, Patented, and Trademarked by Apple Computer
- IEEE Standard in 1995
- Over 6 Million Ports Sold Worldwide*
- Called i.Link® by Sony

*1394 Trade Association



IEEE 1394

- PC Peripheral Interconnect
- Consumer Electronics Digital Interconnect
- Half-duplex Shared Medium with Limited Topology
 - 4.5 meter STP cable links
 - 64 nodes per bus (on 15 links)
 - 100/200/400Mbps



Relevance to 802

- IEEE 1394b
 - Extended Distance -- 100 Meters
 - Higher Speed -- 800Mbps and 1.6Gbps
- IEEE 1394.1
 - Bridging
- IETF
 - IP Over 1394

