

Why a wireless bridge ?



- IEEE1394 is *the* digital video interconnection but cables are limited to 4.5m
- We need
 - No new wires
 - Full home coverage
 - Easy installation
 - Compatibility with existing IEEE1394 devices and HAVi

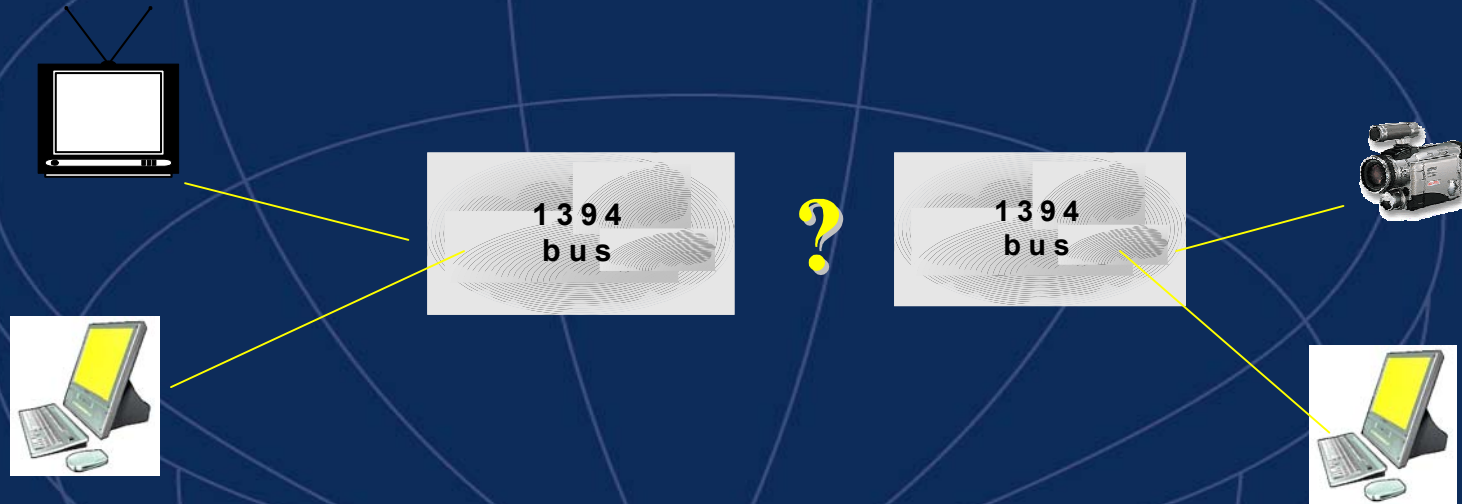


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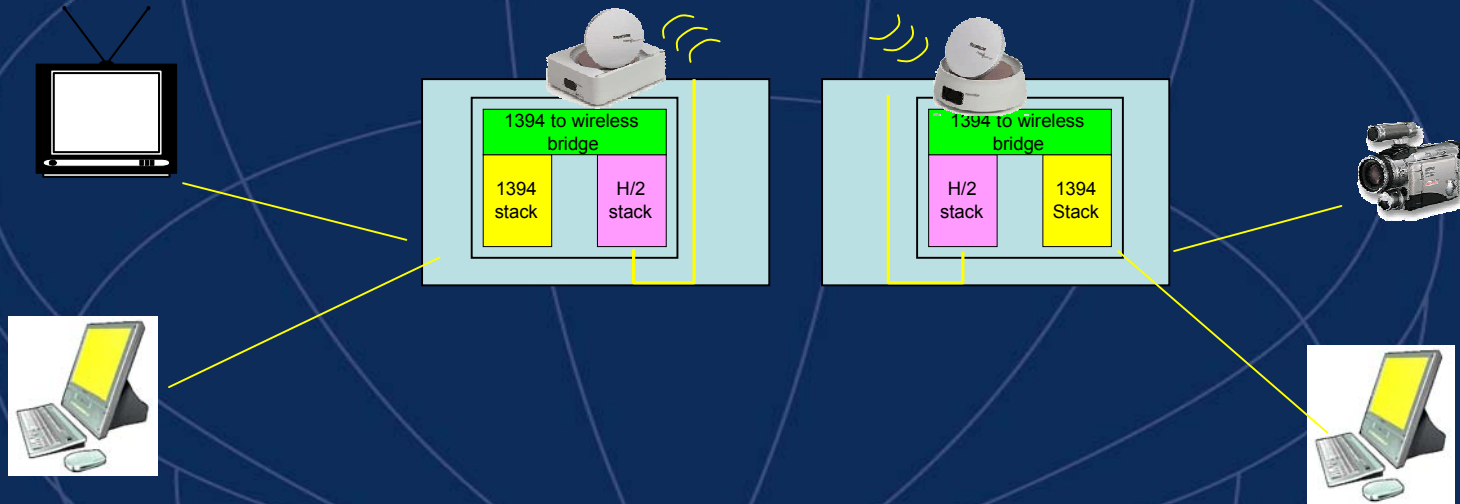
What Does « Transparent » Mean



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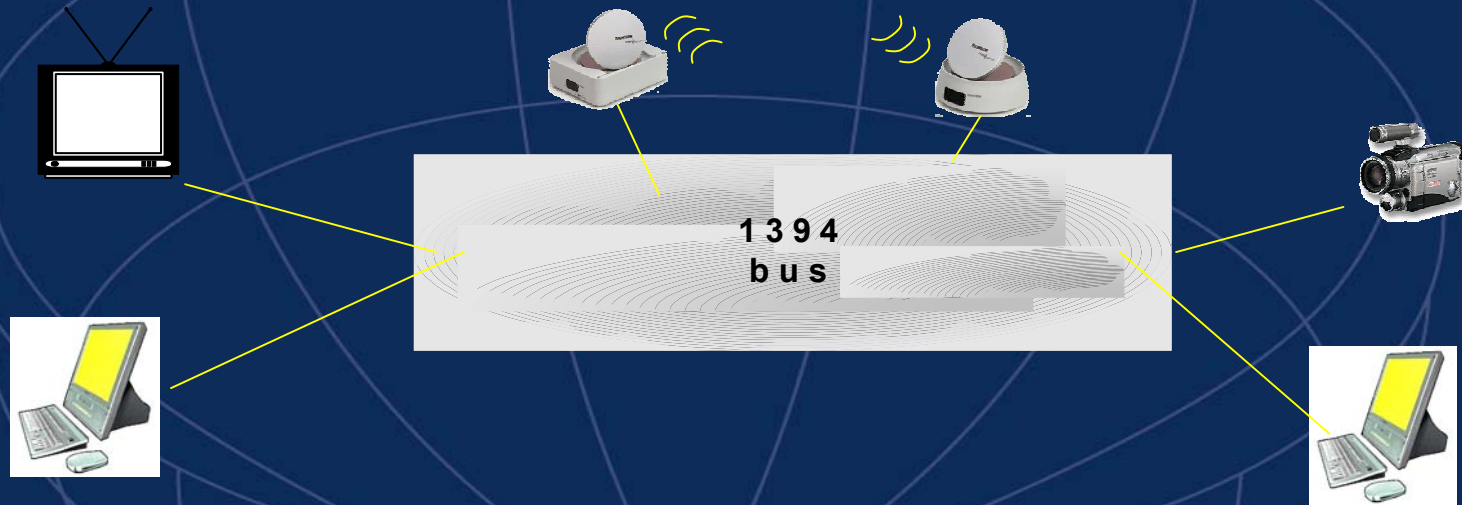
What Does « Transparent » Mean



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What Does « Transparent » Mean



Connected devices see a single IEEE1394 cluster



Bridge Capabilities

- Audio / video stream support
- Each IEEE1394 portal is
 - Isochronous Resource Manager capable
 - Clock Master capable
 - Bus Manager capable
- Isochronous and asynchronous packet filtering and routing
- Congestion handling
- Ensure the same clock on the whole IEEE1394 bus



HiperLAN2: Premium Wireless Medium

HiperLAN2 advantages

- Inherent QoS support
- Standardised IEEE1394 convergence layer
- Data rate up to
 - 60Mb/s raw
 - 50Mb/s streaming
- Forward Error Correction
- Multicast capability
- Uncongested 5GHz band

Thomson chipset

- RF IC
 - For IEEE802.11a or HiperLAN2
- Digital IC
 - For IEEE802.11a or HiperLAN2
 - Ethernet/1394/USB interface

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Need more information ?

- Visit the HiperLAN2 demonstration at the Thomson booth in Hall 21
- Contact: Denis Mischler
THOMSON multimedia R&D France
email: denis.mischler@thomson.net

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