

# 1394 PWG - OUI Update

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July 5-6 - Copenhagen, DK

# 1394 PWG - OUI History

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- 1394 PWG Voted in Toronto meeting in 1998 to propose OUI acquisition PWG.
- PWG approved the plan posted to PWG reflector at Toronto meeting.
- All Companies were allowed to participate and would be provided with part of OUI space.
- Interested Parties paid equal share of cost.
- OUI was requested and purchased from IEEE in late Fourth Quarter of 1998.

# 1394 PWG - OUI Status

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- PWG OUI Acquired
  - Participation by 12 Companies and Individuals
- Defined in 1394 PWG Specifications
  - OUI has been listed in the CSR and Configuration ROM draft since the acquisition.

# 1394 PWG - OUI Status

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- Current Planned Usage
  - Specifier ID wherever it is required.
  - Primary Usage: Command\_Set\_Spec\_ID in Unit Directory to identify the Transport Command Set.
- Obsolete Requirements
  - Usage for 'Printer' value of Function\_Class entry in Instance Directory concept of P1212r (formerly FDS)

# 1394 PWG - OUI Usage Proposal

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- Specifier ID
  - 24 bit value as assigned by IEEE RAC
- Related 24 bit ‘sub-value’
  - Partition the space into participant and PWG space
  - Recommendation on size of participant space  
64k numbers
  - Allocate out of FFxxxx range.

# 1394 PWG - OUI Usage Proposal

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- Version / Revision value
  - <key><Major><Minor>
  - Major - 8 bits - '0xFF' reserved
  - Minor - 16 bits

# 1394 PWG - OUI Usage Proposal

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- Command\_Set\_Spec\_ID
  - 24 bit value assigned by IEEE RAC
- Command\_Set - 24 bit value
  - 24 bit value defined by 1394 PWG
- Command\_Set\_Revision
  - 24 bit value defined by 1394 PWG
- Firmware\_Revision
  - Required or recommended?

# 1394 PWG - OUI Issues

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- ISSUES
  - Partition of 24 bit Sub-Identifier space.
    - 0xFFnnnn space okay?
  - Preference of encoding for Command\_Set and Version / Revision entry
    - Use Version / Revision format
  - Preference of encoding for Command\_Set entry Unit directory