

# IEEE 1722 New Work

Dave Olsen  
dave.olsen@harman.com

# MCN

- Media Clock Negotiation
- Automatic negotiation of audio and video synchronization streams
- See: [avtp-dolsen-mcn-v1-2010-10-26.pdf](#)
- See: [avtp-dolsen-mcn-issues-2011-1-3.pdf](#)

# Simple Audio Format

- Simplified protocol for transporting standard audio formats over 1722
- More compact than 61883 formats
- More extendable than 61883 formats
- See: 1722 Simple Audio Format proposal.pdf
- See:

# Simple Video Format

- Simplified format to transport video over 1722
- Allows extensibility beyond the standard 61883 formats
- Fills the need to transport MJPEG without incorporating all of RTP

# Auto Switch Over

- Allow a 1722 stream to change format without restarting the stream
- Solves the HDMI problem
- See: [avtp-dolsen-hdmi-v1-2010-10-26.pdf](#)

# 1722 over IP

- Add a IP header to 1722
- Allows 1722 to be routed
- See: 2010-10-26-kgross-1722overIP.pdf

# RTP over 1722

- Add support for standard 1722 MIME types to 1722
- Adds a large number of new audio/video formats
- See: [avtb-dolsen-mime-v1-2010-10-26.pdf](#)

# Industrial/Automotive Control

- Need exist for the ability to transport small extremely low latency packets
- Industrial Control
- Automotive Control
- Requirements are still being gathered



## Other items

- Are there other items that should be considered in creating a new 1722 draft?