

# IEEE 1722.1 New Work PAR

Draft 0.1  
December, 2014

# Title (2.1)

- IEEE Standard for Device Discovery, Connection Management, and Control Protocol for IEEE 1722™ Based Devices - Amendment for extensions to support new applications beyond audio and video

# Misc

- Number of people expected to work on standard (5.1)
  - 20
- Stakeholders (5.6)
  - Developers and users of bridged LAN and end-point systems supporting audio/video applications.

# PAR Scope (5.2)

- Add additional commands for configuring network related parameters for end stations and network infrastructure
- Add support for new features of IEEE P1722-REV and 802.1 TSN
- Improve management services for AVDECC based devices
- Improve support for high-availability systems
- Improve support for security features

# PAR Scope (5.3)

- Is the completion of this document contingent upon the completion of another document?
  - Yes, this standard will rely upon:
    - IEEE standard Standard for Layer 2 Transport Protocol for Time Sensitive Applications in Bridged Local Area Networks (P1722-REV)

# PAR Purpose (14)

- To facilitate interoperability between entities that:
  - stream time-sensitive data across networks providing time synchronization and latency/bandwidth services
  - manage the entities that use the IEEE P1722-REV protocol
- this standard defines the discovery, connection management, setup, control, and teardown protocols.

# Par Reason (5.4)

- IEEE 1722.1™-2013 has provided an interoperable way for audio and video devices to be discovered, connected and controlled. As usage of 1722.1™ expands in the marketplace beyond it's original applications new features are desired to continue this expansion.