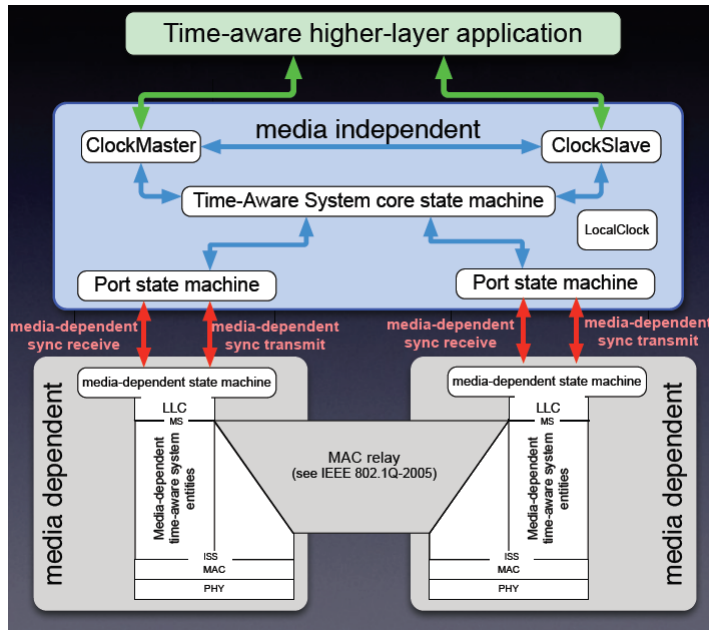


# IEEE 1588 and 802 Coordination

Rodney Cummings

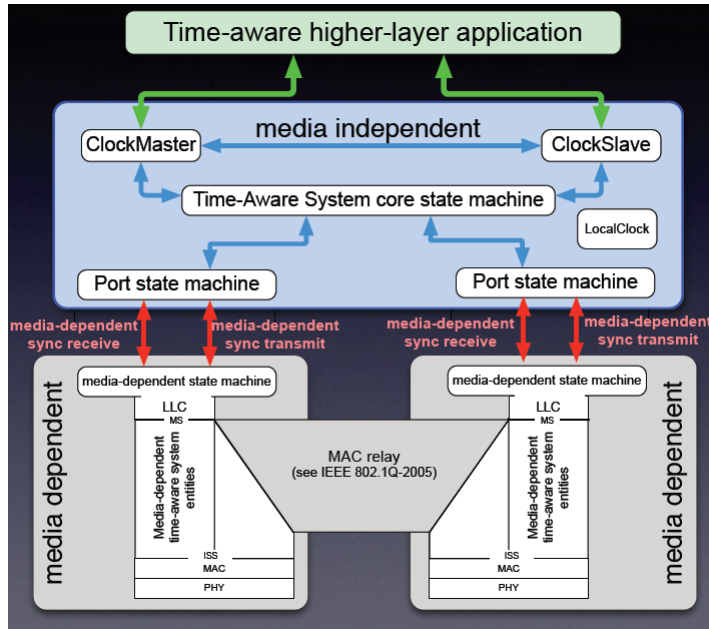
National Instruments

# Future Vision for 1588 and 802



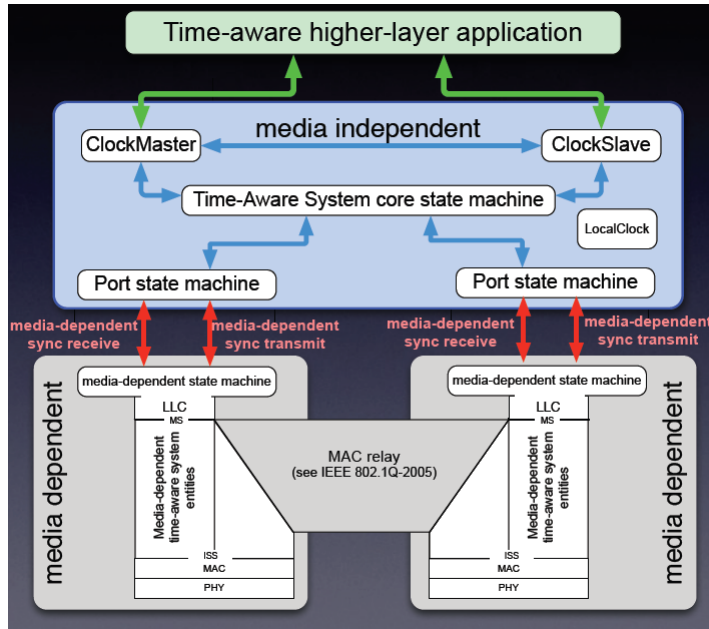
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# Future Vision for 1588 and 802



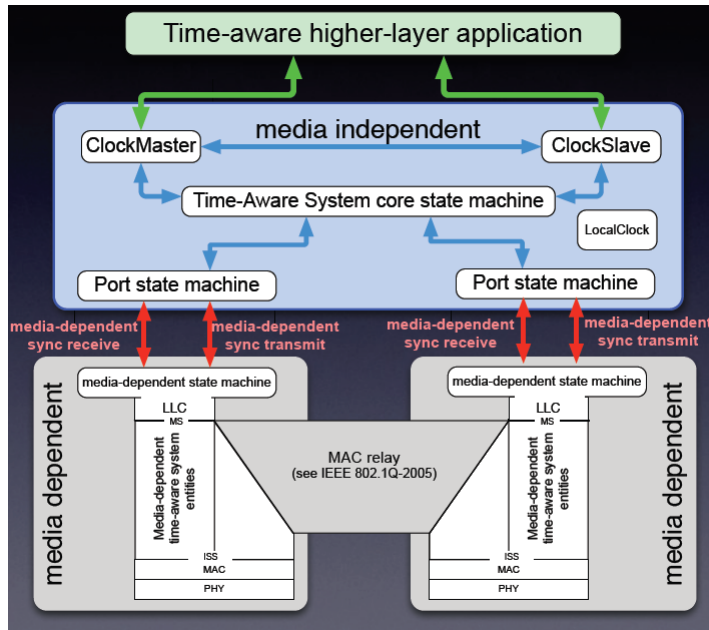
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# Future Vision for 1588 and 802



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- Ongoing revisions of 1588 and 802.1AS do not plan to address all of this vision
  - Nevertheless, we should align ongoing work toward that goal

# Where We Are So Far

- 1588-Rev is working on the MIMDI
  - Partition of existing 1588-2008 content
- 802.1AS MI has features not in 1588-2008
  - MIB for management
  - Profile identification and isolation
  - Rate correction
  - Use of domainNumber for redundancy (AS-Rev)
  - Static sync tree without BMCA (AS-Rev)
  - Accumulated performance measurement (AS-Rev)
- These features are proposed for 1588-Rev as well

# Recommendation for 802.1

1. Communicate support to 1588 for these MI features
  2. Work with 1588-Rev to align MI features to 802.1AS
- Idea: Liaison letter from 802.1 plenary in March

# Thank You