



Media Clock Distribution in a 1722 Network

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Capabilities

- Synchronize Media clock on multiple 1772 endpoints
- Allow multiple talkers to produce multiple 1722 streams that are all syntonized
- Listener can receive 1722 streams from multiple sources without making use of sample rate conversion

Media clock sources

- Any active stream can be designated as the media clock source stream
- This stream could be a standard stream or a null stream that contains only clock information
- Since any stream can supply media clock, there is no need for a special stream type

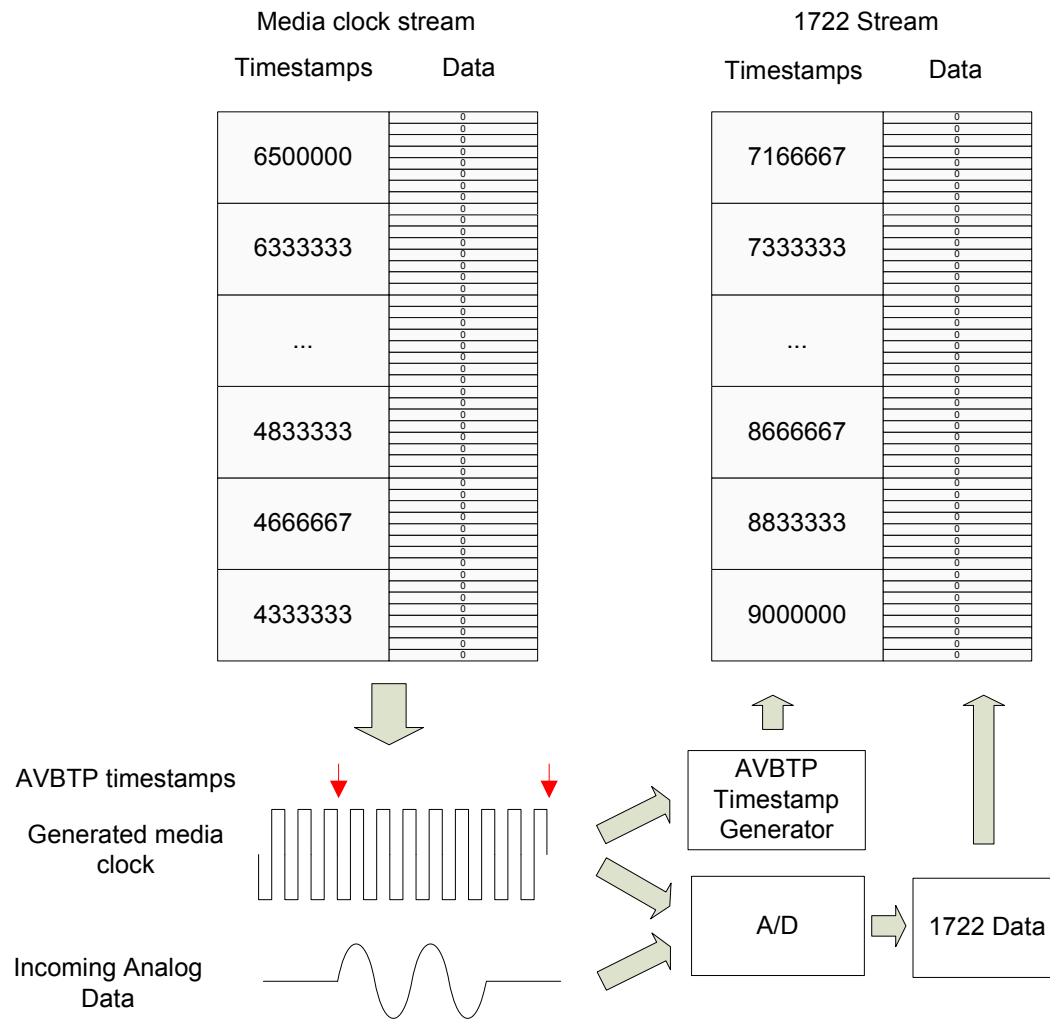
Talkers

- Talkers receive the designated stream and synchronize their media clock to the incoming stream
- Streams produced by the talker are then automatically synchronized with the designated stream

Listeners

- Listeners receive the designated stream and synchronize their media clock
- Listeners utilize the presentation time of individual streams to time align the streams, but not for media clock recovery

Outgoing Stream



Questions

- Do we want a more formalized system?
- Do we want a specialized stream?
- We have been getting a lot of questions about this. Does this belong in a 1722 annex?