

## Is timecode-based synchronization subject to network delays and how does the timecode-based synchronization available in 10G-PCIE-8C2-2S-SYNC adapters compare to other solutions that use PTP (Precision Time Protocol)-IEEE1588 Standard?

### Model:

10G-PCIE-8C2-2S-SYNC

### Software:

N/A

### Operating System:

Supports both Linux and Windows Operating Systems.

### Information:

No, Timecode-based synchronization is not subject to network delays, and it does not require a dedicated Ethernet network for time distribution, and is easier to deploy and maintain.

Time code- based synchronization provides more accurate time information than PTP.

Without needing specialized Ethernet configurations, such as PTP capable switches, 10G-PCIE2-8C2-2S-SYNC network adapters provide ~1 microsecond timestamp accuracy compared to tens of microseconds for PTP-based approaches.

<u>Revision</u>	<u>Date</u>	<u>Change</u>
1	7/25/2016	Initial Draft
2	8/19/2016	Feedback Edits

