



Precision Time Protocol (PTP)
Best Practices for Frequency, Phase and Time Synchronization

Jul 22, 2015 • 8:00 AM PDT
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Precision Time Protocol (PTP): Best Practices for Frequency, Phase and Time Synchronization

Solutions for Implementing PTP for Wired and Wireless Applications

The IEEE 1588 Precision Time Protocol is widely adopted today for delivery of frequency synchronization to wireless basestations over Ethernet backhaul. As LTE-Advanced, and LTE-TDD services enter the market, wireless operators are facing a new synchronization challenge to add Time and Phase Synchronization to existing and new network architectures. ITU Standards governing Time and Phase Synchronization have strict requirements that need to be considered when upgrading existing frequency based network designs. This involves easy upgrades of existing equipment to support Time and Phase or adopting new equipment. This webinar will examine best practices for successful PTP frequency deployment, new ITU standards and requirements for Time and Phase Synchronization, and how to evolve synchronization network designs to support Time and Phase Synchronization for LTE-Advanced and LTE-TDD services.

Key topics will include:

- Best practices for delivery of Frequency, Phase and Time Synchronization over Ethernet backhaul
- Status and overview of developing ITU standards for Frequency, Phase and Time synchronization
- Network planning considerations and recommendations to support the transition from Frequency to Time and Phase Synchronization

Who should attend?

- Wired and wireless network designers, engineers, architects, etc.
- Wireless service providers
- Mobile operators
- Wireless backhaul providers

**Live Webinar
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**Join us on Jul 22,
2015, at 8:00 AM
PDT.**

**Please share this invitation
with your interested
colleagues.**

**After registering, you will
receive a confirmation email
containing information
about joining the webinar.**

System Requirements

**PC-based attendees
Required: Windows® 8, 7,
Vista, XP or
2003 Server**

**Mac®-based attendees
Required: Mac OS® X 10.6 or
newer**

**Mobile attendees
Required: iPhone®, iPad®,
Android™
phone or Android tablet**