

Introducing MiCLK



The World's First 1588 Grandmaster on an SFP

MiCLK provides the best synchronization solution for existing LTE/LTE-A networks:

- RAD extends its SAA solution and allows easy upgrade for existing base stations and backhaul equipment to support IEEE 1588
- Fully-featured IEEE 1588 Grandmaster
- Built-in GNSS receiver (GPS/GLONASS/BeiDou)
- Sync-E input for backup
- Miniature pluggable device fits in any standard SFP port
- Ideal for 4G small cell deployments



Your Network's Edge

MiCLK



The patent-pending MiCLK brings RAD's affordable innovation to LTE/LTE-A timing synchronization to allow instant upgrades for any mobile backhaul network.

It eliminates the need to install GPS/GNSS antennas at every cell site while providing highly accurate timing distribution with full network coverage – even in underground and in-building installations.

- Standard IEEE 1588 GM including phase/Time of Day (ToD) to meet stringent LTE Advanced requirements
- Easily plugged into service routers to provide GNSS time reference to the BC function
- Robust GNSS backup – time holdover for 72-hours when GNSS reception is lost, using Sync-E or other frequency references from the network to deliver continues and accurate synchronization to the base station
- Scalable solution supports over 64 slaves
- Allows service providers to avoid spoofing and jamming risks
- Dramatically reduces installation and engineering costs – no additional space or power requirements; does not require dedicated training



visit www.rad.com

Specifications are subject to change without prior notification. The RAD name, logo and logotype are registered trademarks of RAD Data Communications Ltd. RAD product names are trademarks of RAD Data Communications Ltd. ©2015 RAD Data Communications. All rights reserved. Catalog number 802669 Version 3/15