



APEIRO
NETWORKS



Adtran



OSA 5422

Our OSA 5420 Series is a family of advanced grandmaster clocks engineered for excellent performance and ease of operation. Available with high-end quartz and rubidium oscillator options

KEY BENEFITS

- **Feature Multi-band GNSS receivers for nanosecond precision**
- **ePRTC improves accuracy by reducing the impact of space weather conditions**
- **Can be used as PTP grandmaster clock, NTP Server, Synchronization Supply unit (SSU)**
- **Built-in Rubidium to sustain holdover accuracy**
- **High density optical ports for large scale expansion**
- **OLED Panel in the front display**
- **Compact and flexible design: Hot-swappable modules and Power Supplies**
- **Support 5G network and also meeting legacy demands such as IRG, BITS, PPS, low phase noise clock**
- **Industry-leading management: Ensemble Controller (NMS) and Ensemble Sync Director**
- **High Availability for Redundancy**
- **Syncjack Technology for synchronization monitoring and assurance system**
- **Available with high-end quartz and rubidium oscillator**



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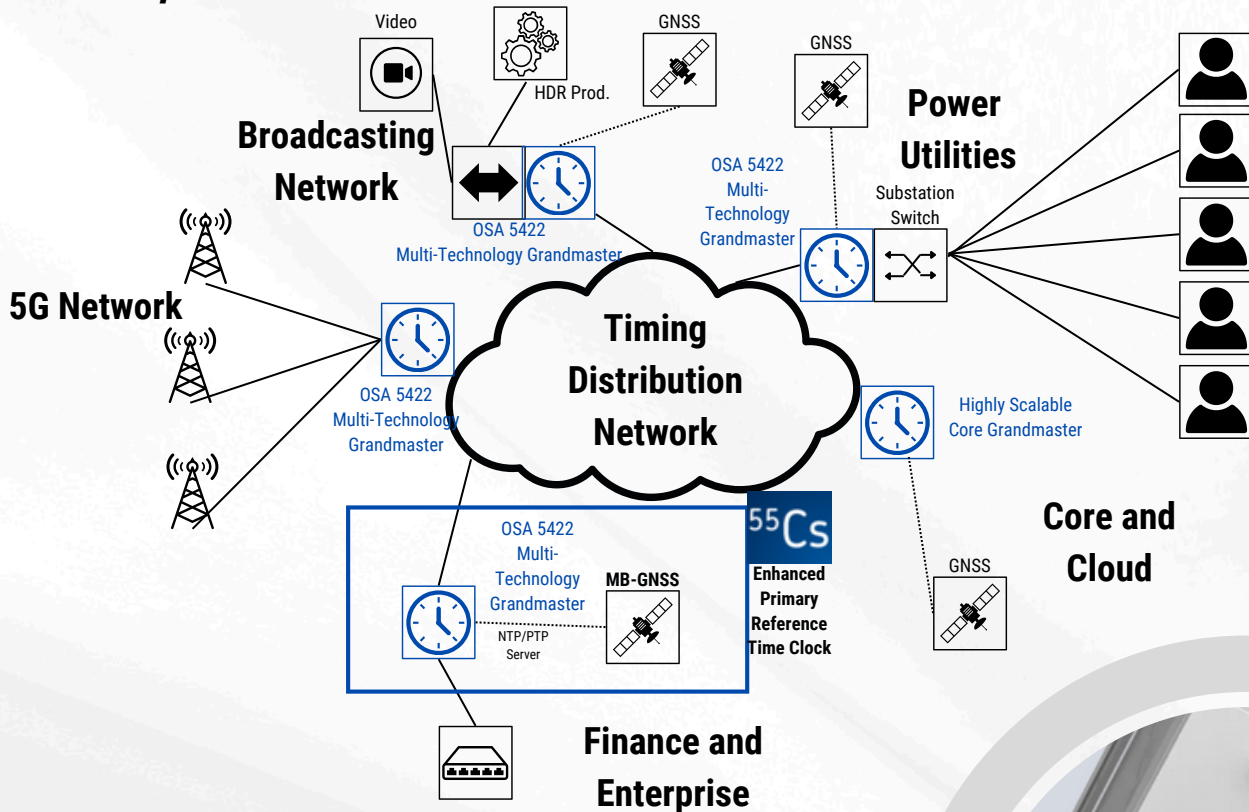


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APPLICATIONS IN YOUR NETWORK

- Timing distribution at the edge of mobile backhaul and fronthaul networks
- Cable networks (DOCSIS 3.1) synchronization
- Time-as-a service into data center, financial, health and multi-media networks
- Modernized power utility networks
- Modernized digital broadcasting studios
- Synchronization delivery within buildings for indoor small cell radio base stations
- Synchronization of legacy network architectures based on NTP, SSU/CC



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"A perfect fit for many applications."



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