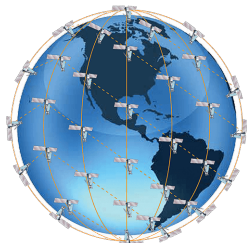


# Adtran Oscilloquartz - 75 years of know-how in network sync

Longest continuously-serving synchronization vendor in the world

**NASPI SPECIAL: LEO TIMING DEMO TODAY!**



**Iridium Nominal Constellation**

**66 Satellites in 6 Orbital Planes**

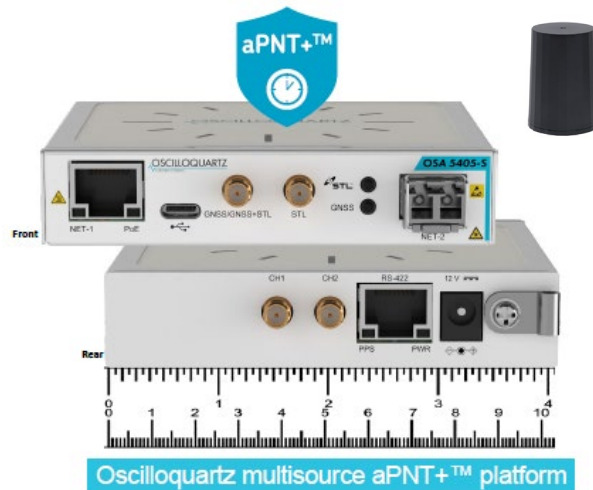
**11 Satellites in each Plane**

**781 km Altitude, Polar orbits (86.4 degrees)**

**Orbital speed 27,000 km/hr (17k mph)**

**Orbital period 100 minutes (14x/day)**

**Different satellite in each plane every 9 min**



**Oscilloquartz 5405-S**

**Grandmaster PTP, NTP, SyncE**

**IRIG, 1PPS, 10MHz, Boundary Clock**

**E/O In/Out, Dual Power PoE/12VDC**

**Stay Indoors!**

**No outdoor  
Antenna needed  
in most cases**

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**214-500-4921**

