

5G Timing Sync with STL Wins the Race



STL, Satellite Time and Location is a LEO-based timing synchronization solution for wireless 5G networks that helps you solve your GPS challenges.

CHALLENGE 1

GPS not available for timing synchronization

STL is operational worldwide today providing 24/7 timing synchronization services to wireless operators, financial institutions, data centers, and other industries across the globe.

CHALLENGE 2

Can't get GPS signal indoors

STL's high-power signals penetrate walls to indoor antennas—essential when exterior antennas are impractical to install, too costly, or not allowed.

CHALLENGE 3

GPS signal is being jammed or spoofed

STL's PNT signal is 1,000X more powerful than GPS. With rapidly-moving LEO satellites and signal authentication techniques, STL is resilient to jamming and spoofing.

CHALLENGE 5

Need a proven source of time when GPS is not available

STL is a Stratum 0 source of time that is compliant with the ITU-T G.8272 standard and provides a Primary Reference Time Clock Class A (PRTC-A) level of accuracy.

CHALLENGE 4

PTP unable to deliver required 5G accuracy

STL works at the edge when PTP does not and can provide timing synchronization with an indoor antenna to replace or augment GPS.

