



NIST Confirms STL as Reliable Source of Resilient Time for Critical Infrastructure

Today Satelles issued a press release about how two recent reports from the U.S. National Institute of Standards and Technology (NIST) cast Satellite Time and Location (STL) in a favorable light on the alternative PNT landscape.

One of the reports classifies STL as an indirect distribution source for UTC(NIST) within NIST's resilient timing architecture for the United States. This is welcome news to civil government officials and private sector leaders that require a primary timing source for critical infrastructure applications with performance or operational requirements not met by GPS/GNSS. STL can also be implemented as a backup to protect GPS/GNSS-dependent systems and platforms from the impacts of a service disruption.

The other report characterizes STL as a resilient public access time distribution technology capable of microsecond accuracy. NIST confirmed that STL is highly consistent with Coordinated Universal Time (UTC) and is based on a signal that is independent from GPS and other GNSS. The report provides the full details behind the claims made by Satelles in an [April 2021 press release](#).

Read today's full press release on the [Satelles website](#) and [PR Newswire](#).

UPDATE: Additional details are included in stories published by [Inside GNSS](#) and [Geospatial World](#).
