

When Time is Critical to Your Financial Business

TSaaS

Steadfast TSaaS Solution (Time-Synchronization-as-a-Service)

Why TSaaS? Simple Business Clock Compliance to SEC Rule 613 CAT NMS

SEC Rule 613 CAT NMS requires accurate and traceable business clock synchronization and timestamping of financial trading transactions, within 50 milliseconds (minimum) of the standard time maintained by NIST (National Institute of Standards and Technology) and to log the offset and the time source every time you synchronize your business clock or **risk costly penalties**. TSaaS is a simple, cost-effective and scalable Time-Synchronization-as-a-Service solution built to help firms quickly and fully implement timestamping capabilities.

The CAT-Compliance Clock is Ticking

While CAT is being rolled out in phases, it is very important to move quickly to prepare for and be ready to launch your timestamping efforts to meet these requirements to avoid fines. Do you have the necessary time servers, rooftop global navigation satellite system (GNSS) antennas, software and other infrastructure components in place?

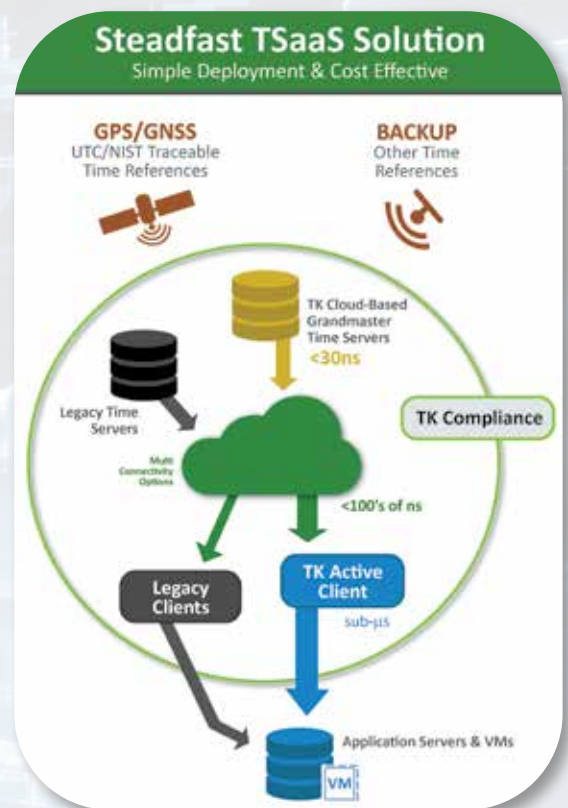
Avoid the headache of lengthy time and cost investments to build a proprietary or redundant time synchronization system, with special tools and complex scripts in distributed computing environments - simplify your operations by implementing Steadfast TSaaS Solution.

How Does Steadfast TSaaS Solution Help Financial Firms?

Helps financial firms to quickly and effortlessly prepare for, and support, CAT compliance by delivering all necessary hardware and software technologies as a ready-built, fully managed vendor service. Removing time, financial or regulatory burdens of having to design and construct proprietary solutions. This turnkey TSaaS solution provides rapid spin-up for clock synchronization and trading timestamping compliance, as well as helping firms:

- **Avoid Painstaking Time and Effort Deploying Your Own Solution:** Bundled FSMTIME TimeKeeper® products provide:
 - GNSS-sourced grandmaster clocks, with less than 30 nanosecond (30ns) accuracy to GPS.
 - Clock distribution over NTP/PTP network feeds.
 - NTP/PTP recovery and clock synchronization clients, with active fault tolerance and NIST traceability.
 - Clock synchronization compliance —exceeding CAT business clock and timestamping compliance requirements.
- **Experience Cost-Effective Operational Expenses:** Gain freedom of costly investments associated with building and maintaining infrastructure, software, GPS antenna systems, etc.
- **Utilize Industry-Leading Data Center Connectivity and Uptime Service:** Operates within world-class, SSAE18 and SOC2 Type 2 audited data centers with complete redundancy in power and network connectivity. Connectivity options include direct to server/VM, over dark fiber, through a cross connect, and/or direct to switch.

Whether you need help deploying a new solution or a redundant system to back up an existing solution, the Steadfast TSaaS Solution combines world-class cloud and managed hosting infrastructure with secure, resilient, enterprise clock synchronization products from FSMTIME.



Who Needs to Comply?

Any broker-dealer and financial firm that is a member of a national securities exchange or FINRA and receives, originates and/or handles orders in NMS Securities, which includes NMS stocks and Listed Options and/or OTC Equity Securities must report to CAT.