

PRISMA Compliance

Your Challenge

MIFID/FINRA Reporting Compliance

Our Solution

PRISMA Compliance, the only compliance reporting solution that provides full UTC traceability.

- Real-time reporting
- True UTC traceability
- NTP/PTP compatibility
- Multisite replication for resilience

Designed specifically for MIFID and FINRA compliance

PRISMA Compliance is the first and only reporting solution that lets you gather, analyze and report on all the elements in your timing network and provide the required reports to satisfy internal compliance needs and external regulations.

PRISMA Compliance is unique in that it was built from the bottom up, using a highly scalable, low latency, time series database by QuasarDB that allows you to collect and interact with your data in real time.

Generate real-time reports in seconds, not hours

- Consolidated statistics – Mean, Standard Deviation, Max
- Adjustable periods – Year, Month, Day, and more
- Client traceability – Complete trace from selected client to UTC source
- Data gaps – Missing data reporting

True offset to UTC

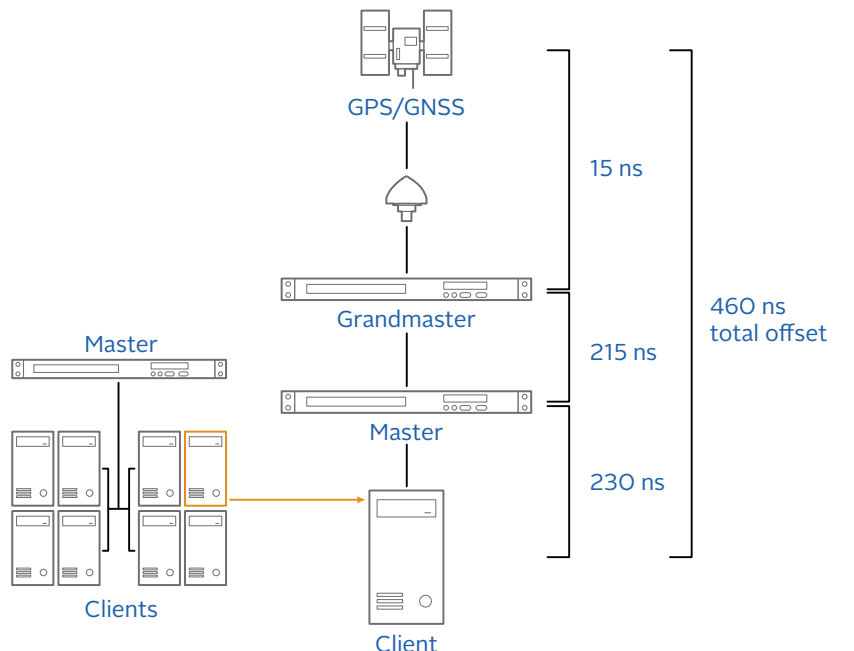
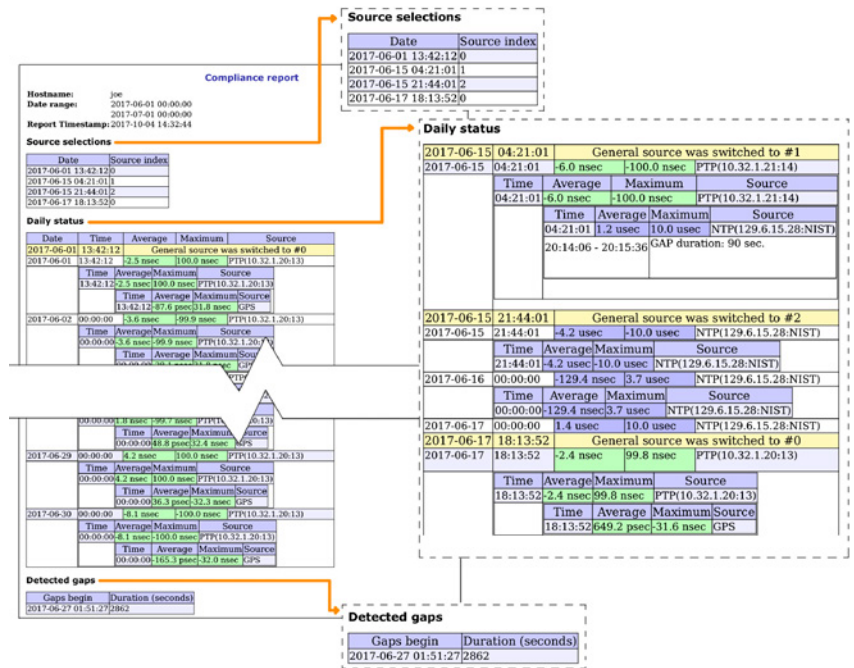
PRISMA Compliance collects and aggregates all the relevant information in your timing chain to give you the true offset to UTC. This capability is key because both MIFID and FINRA regulations require full traceability to UTC.

Easy to deploy on virtually any network

PRISMA Compliance is a drop-in timing compliance solution that's fully compatible with all common versions of NTP and PTP. This makes it easy to use in any timing network, whether it's an older legacy NTP network or a new, low latency PTP deployment.

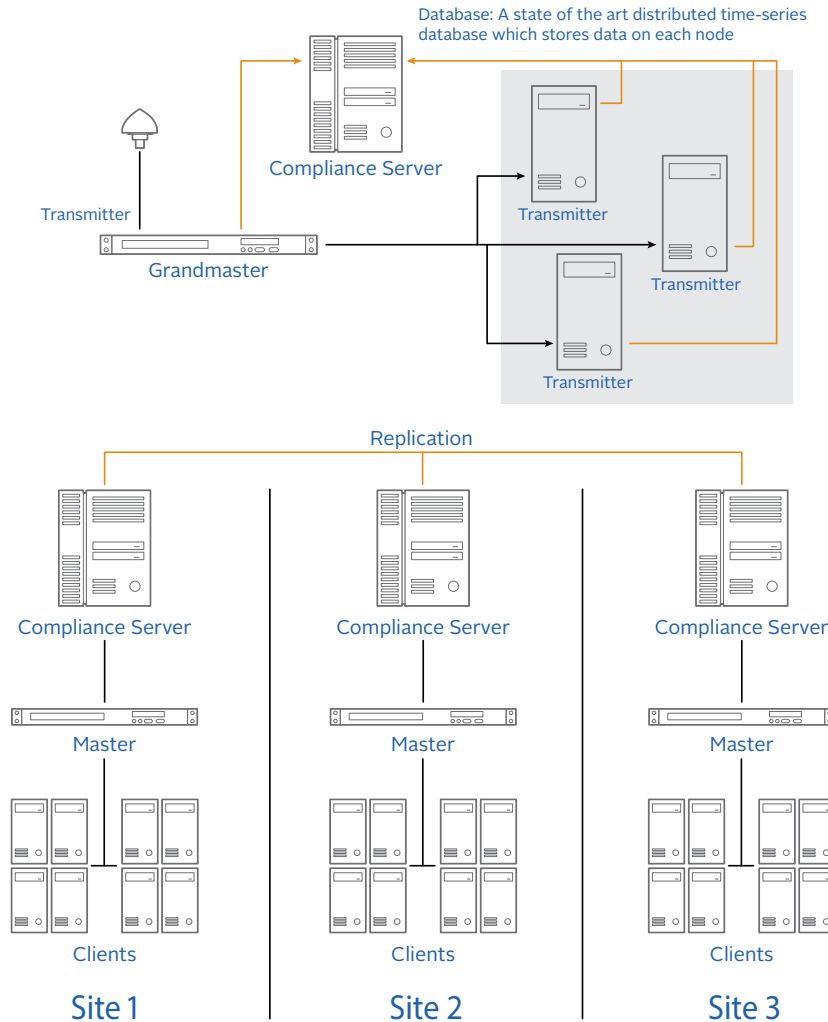
Multisite replication for extra resiliency

Both US and European regulations require you to store all relevant logs from reportable events for at least five years and be able to provide those details when requested. PRISMA Compliance supports multisite replication so you can store your logs on more than one server.



How does PRISMA Compliance work?

- Transmitters on nodes (masters and clients) send data to the compliance server(s)
 - Transmission can be scheduled during off-hours or throughout the day
- Compliance server(s) collect data and store within the high-performance database
- Database replication automatically occurs between compliance servers
- Reports are generated from local application on compliance server(s) or through APIs



PRISMA Compliance server requirements

Hardware	Minimum	Typical
CPU	Nehalem microarchitecture (after 2008), 2 cores	Nehalem microarchitecture (after 2008), 4 cores
HDD	10 GB + Space required per node* + 20 %	10 GB + Space required per node* + 30 %
RAM	4GB	32 GB

*Space required per node = (Total size of data in cluster x Replication factor)/Number of Nodes/ If a client has a single source with one record per second, then it would require 3GB to store one year's worth of data.

- **Size of Client Data in Cluster** = 3GB x Records per second x Years x Sources amount
- **Total Size of Data in Cluster** = SUM (Size of Client Data in Cluster)