

High Availability Design For NTP Server



Why High Availability Matters?



**Network
downtime =
service
disruption**



**Accurate time is
critical for
financial, telecom,
and IT systems**



**Redundant NTP
design ensures
uninterrupted
service**

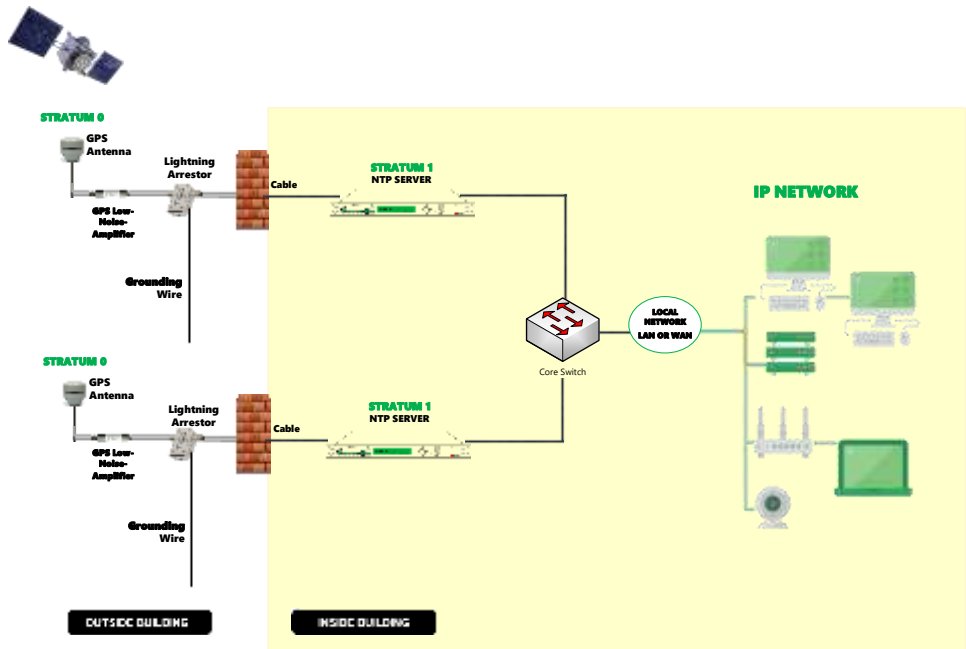
Stratum1 Design Approach

Dual NTP servers in failover cluster

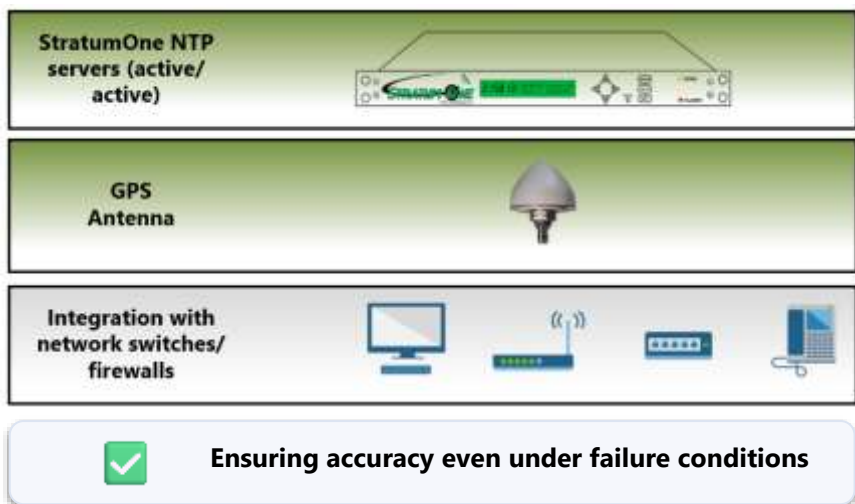
Independent power & network interfaces

Seamless failover without time drift

High-Level Solution Design



HA Deployment Architecture



Customer Benefits

- ✓ 24/7 reliable time synchronization
- ✓ Mitigates GPS signal risks
- ✓ Scalable for enterprise & telecom environments
- ✓ Protects compliance (financial, security, telecom)



StratumOne Local Support

We are committed to provide the highest levels of accuracy, stability, and reliability, supported by our Service Level Agreement (SLA) support. Our SLA guarantees that our NTP solutions maintain consistent and reliable performance, ensuring minimal downtime to keep your operations running smoothly.



The Standard Support Service includes:

Guaranteed Local Support
within 4 hours response available

Response Plan Support

- Telephone
- Email
- Remote

Upgrades

- Firmware updates
- Security Advisory

AVAILABLE

9am to 5pm, Offsite excluding weekends and
Holidays

Local RMA

- Fast Device Replacement

The Premium Support Service includes:

Guaranteed Local Support
within 1 hour response available

Response Plan Support

- Telephone
- Email
- Remote

Upgrades

- Firmware updates
- Security Advisory

AVAILABLE

24/7 Offsite & Onsite (If required)

Local RMA

- Fast Device Replacement

RNTrust (RECRO-NET Middle East FZ LLC)

1905A, Business Central Towers, Dubai Media City

Dubai, UAE, PO Box 503012 U.A.E

+971 800-RNTrust (7687878) | +971 4 4347599 | sales@rn-trust.com

www.rn-trust.com | www.stratumone.net

Offices: Abu Dhabi | Bengaluru | Belgrade | Boston | Naples | Paris | Riyadh | Zagreb



Copyright © 2025 RNTrust

All rights reserved.

RNTrust, its logo, and High
Performance Delivered are
trademarks of RNTrust.