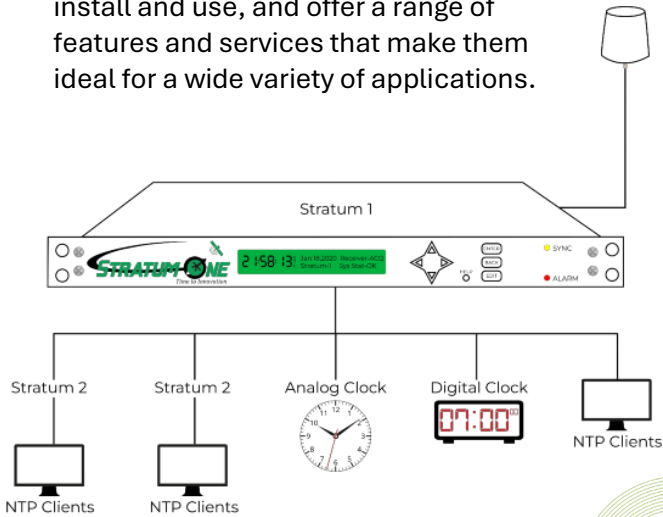# High-Precision Source for Network Time Synchronization

Stratum1 Time Solutions

At **StratumOne**, we specialize in providing high-quality time synchronization devices reliable in the market, that use GPS as a time source. Our devices are designed to be easy to install and use, and offer a range of features and services that make them ideal for a wide variety of applications.

Why Accurate Time Matters

- ✓ Critical for financial transactions

- ✓ Network security & log correlation

- ✓ Telecom & 5G synchronization

- ✓ Industrial automation & Power Utility

Stratum1 Time Explained

- Primary reference clock (Stratum 1)
- Directly aligned to GPS, GNSS, or Atomic clock
- Provides the highest accuracy source for downstream Stratum 2 servers and clients

High-Precision Sources

GPS (Global Positioning System):

➢ Widely available, accurate to nanoseconds

GNSS (Global Navigation Satellite System):

➢ Multi-constellation (GPS, Galileo, GLONASS, BeiDou) for redundancy

Time Precision

- **Accuracy**
  - Relationship between the result and the correct value
- **Precision**
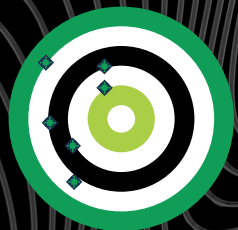 - The degree of repeatability of different results of the time

**High Accuracy
High Precision**

**Low Accuracy
High Precision**
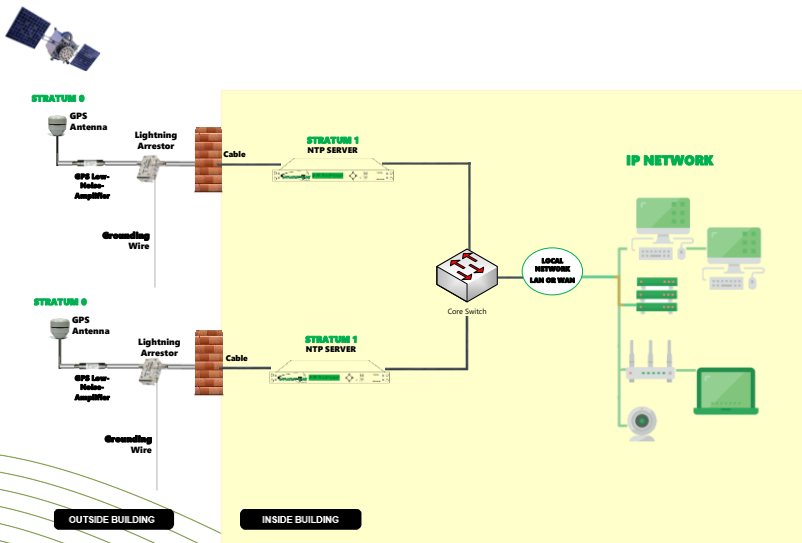
**High Accuracy
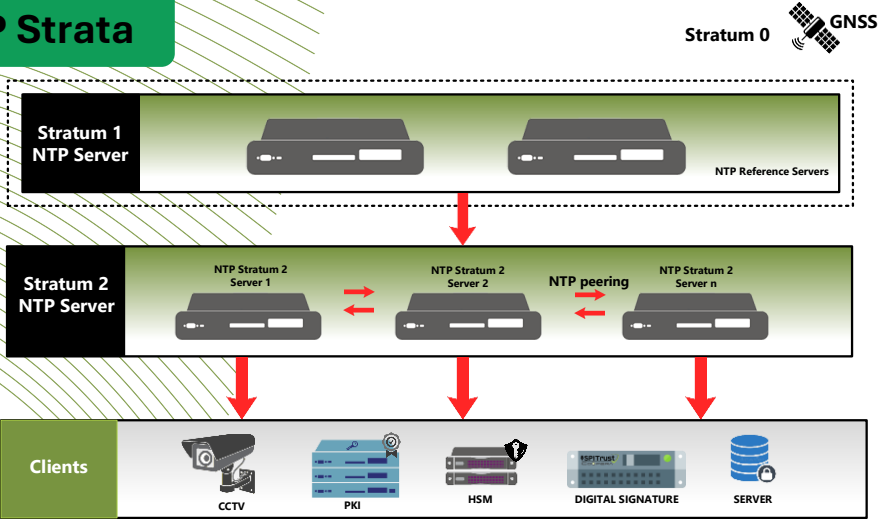Low Precision**

**Low Accuracy
Low Precision**

Benefits of Stratum1 Time Alignment

- ✓ Seamless, accurate synchronization
- ✓ Eliminates time drift across network
- ✓ Supports compliance (MiFID II, SOX, PCI-DSS, telecom standards)
- ✓ Scales for enterprise, data center, and telecom networks

High-Level Solution Design

NTP Strata

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.

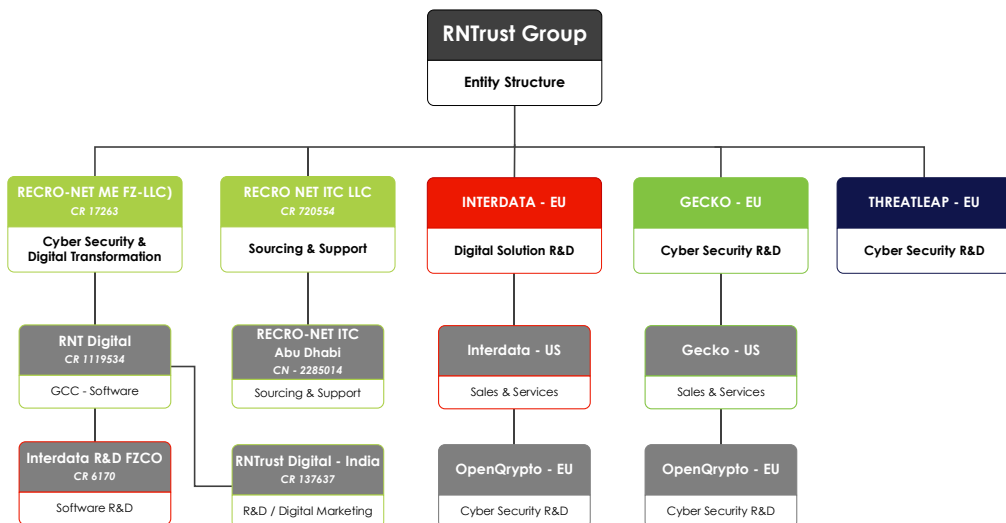| The Standard Support Service includes:	The Premium Support Service includes:
Guaranteed Local Support within 4 hours response available	Guaranteed Local Support within 1 hour response available
Response Plan Support • Telephone • Email • Remote	**Response Plan Support** • Telephone • Email • Remote
Upgrades • Firmware updates • Security Advisory	**Upgrades** • Firmware updates • Security Advisory
AVAILABLE 9am to 5pm, Offsite excluding weekends and Holidays	**AVAILABLE** 24/7 Offsite & Onsite (If required)
Local RMA • Fast Device Replacement	**Local RMA** • Fast Device Replacement

360° Professional Services

The leading Software and Service Provider in EMEA with:

- More than **20 years** of Excellence in Services and Solutions Delivery
- Global Offices : **Abu Dhabi, Bangalore, Belgrade, Boston, Dubai, Los Angeles, Naples, Paris, Riyadh, Zagreb**
- Channel Partners in all over **EMEA, US and Indian Subcontinent**
- **550+ employees** in RNTrust Group
- **Consistently profitable / Financially stable**
- RNTrust is certified for **ISO/IEC 27001:2013 and ISO 9001:2015.**

ISO/IEC 27001:2013 Certified

CERTIFIED ISO 9001:2015 COMPANY

RNTrust
The Digital Trust Company

RNTrust Group
Entity Structure

RECRO-NET ME FZ-LLC)	RECRO NET ITC LLC	INTERDATA - EU	GECKO - EU	THREATLEAP - EU
CR 17263	CR 720554			
Cyber Security & Digital Transformation	Sourcing & Support	Digital Solution R&D	Cyber Security R&D	Cyber Security R&D

RNT Digital
CR 1119534
GCC - Software

RECRO-NET ITC Abu Dhabi
CN - 2285014
Sourcing & Support

Interdata - US
Sales & Services

Gecko - US
Sales & Services

Interdata R&D FZCO
CR 6170
Software R&D

RNTrust Digital - India
CR 137637
R&D / Digital Marketing

OpenQrypto - EU
Cyber Security R&D

OpenQrypto - EU
Cyber Security R&D

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