

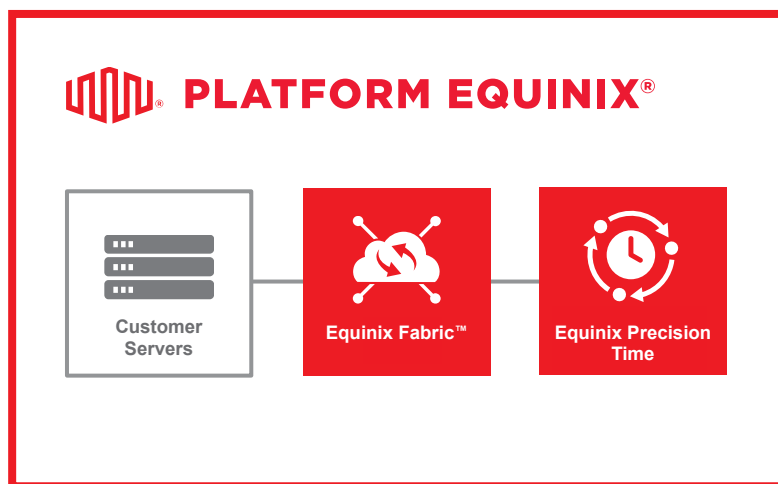
EQUINIX PRECISION TIME

Precise, Reliable, Secure Time as a Service

Introducing Equinix Precision Time

Equinix Precision Time provides secure PTP and NTP Time as a Service for distributed enterprise applications on Platform Equinix®. The service uses redundant and strategically located GPS antennas, receivers, grandmaster clocks and the high-performance network backbone of Equinix Fabric™ to deliver secure, reliable and precise time synchronization.

Customers will gain access to the product portal, allowing them to provision, manage and monitor their service.



How Equinix Precision Time will help customers

Key benefits include:

Time and cost savings

Customers don't need to spend time and money installing and maintaining expensive infrastructure for reliable and precise timekeeping.

High accuracy

Predictable time synchronization with PTP accuracy of up to 50 microseconds delivered via Equinix Fabric.

Flexibility

Customers can choose between PTP and NTP. They can also choose to automate provisioning on their servers.

Scale and performance

Leveraging Equinix Fabric delivers high performance, even at scale.

Ease of use

Timing infrastructure is fully managed by Equinix, easily consumable and orderable as a service.



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Use cases

Key use cases for Equinix Precision Time include:

Compliance

Equinix Precision Time is compliant with regulatory measures from SMPTE-2110, FINRA and MiFID II on timestamping SLAs for PTP.

Network optimization

Leveraging Equinix Fabric to cascade time reduces latency jitter associated with synchronizing time over the public internet.

CAPEX savings

Equinix fully manages all timing infrastructure and ensures rapid provisioning of the service via the [Equinix Precision Time Portal](#).

Availability

Customers can use Equinix Precision Time throughout North America via Equinix Fabric. They can then directly, securely and dynamically connect globally distributed infrastructure and digital ecosystems on [Platform Equinix](#).

Technical documentation

To view more technical details on Equinix Precision Time, visit the [Equinix Precision Time Documentation Center](#).

Technical specifications

Protocols supported

- Network Time Protocol - NTPv4 (RFC 5905) and NTPv3 (RFC 1305).
- Precision Time Protocol - PTPv2 (IEEE 1588-2008) up to 50 microseconds in North America.

Clock sources

- GNSS antennas with highly precise time servers and network-based time synchronization technology.

Redundancy

- North America has redundant time sources in different metros. In addition, every metro has fully redundant deployments of time source infrastructure in different Equinix IBX data centers within that metro.

Ready to get started?

Visit the Edge Services Portal to get started today.

[Edgeservices.equinix.com/portal](https://edgeservices.equinix.com/portal)



Power Your Digital Leadership at Equinix

On Platform Equinix®, digital leaders bring together all the right places, partners and possibilities to create the foundational infrastructure they need to succeed. On a single global platform, place infrastructure wherever you need it. Connect to everything you need to succeed. Seize opportunity with agility, speed and confidence.