

# Unison

Stratum 1 Time Server

The Unison is a Stratum 1 Time Server that provides an accurate and reliable source of network time inside your firewall. The Unison can serve accurate time to any system running an NTP or SNTP client. With a fast microprocessor for high-capacity packet throughput, the Unison can support 200,000 network clients with an NTP timestamp accuracy of <10 microseconds. The highly-integrated solid-state design is extremely reliable, and you can easily manage it via the network port or a local console on the RS-232 serial port. A Web Interface (HTTPS) is also provided for status monitoring using your Internet browser.

### Network Security Hardened

Extra care has been taken with the Unison to harden it against network attacks. There are only a small handful of settings that need to be made and they typically need to be set only once in the lifetime of the product. Since this is a set-it-and-forget-it box we have eliminated all extraneous protocols/services in order to minimize exposure to security holes. You can change critical settings via SSH or Telnet and monitor the alarm/status information by using HTTPS, SNMP, SSH or Telnet. Security-conscious users can disable any or all of the risky protocols such as HTTPS, Telnet, Time and Daytime or restrict HTTPS, SNMP, SSH and Telnet access to specific hosts.

### Best Holdover Performance

The Unison will continue to serve Stratum 1 time for a substantial period if the GPS reference signal is ever lost. This is called the holdover period and it is dependent upon the quality of the oscillator and the quality of the software

control algorithms. The standard Unison is designed to maintain accuracy within 2 milliseconds of other Stratum 1 servers.

is up and running in a few minutes on networks supporting DHCP. Or, without DHCP, the unit can be easily configured via the serial port. Most GPS receivers need a roofmount antenna. Accuracy inspections and performance verification. This yields an MTBF of 25 years based on demonstrated field data.

### FEATURES

- NTP v4, SNMP v3, SSH and more.
- IPv6 and IPv4 compliant.
- Serves Stratum 1 time for 24 hours if GPS signal lost. Up to 35 days with Oscillator Upgrade Option.
- Optional PTP / IEEE-1588.
- Web Interface lets you monitor status via your Internet browser.
- Dynamic platform support.
- Free window-mount antenna kit.
- Three-Year Warranty.
- 60-Day Money-Back Guarantee.
- Free technical support and software upgrades for life.

### KEY BENEFITS

- Accurate and secure source of network time inside your firewall.
- Up to 200,000 network clients can be reliably synchronized, and continue within 2 milliseconds of each other.
- Easy to install and maintain.
- No costly antenna installation fees with window-mount capability.

### Risk-Free Guarantee

If you are not satisfied with the Unison for ANY reason, simply return it within 60 days for a full refund less shipping fees. See [www.endruntechnologies.com/guarantee.htm](http://www.endruntechnologies.com/guarantee.htm) for details.



Web Interface (HTTPS) for Status & Alarm Monitoring

