

Synchronization solution

- ❖ The 9300 Series NetClock Network Appliance that provides disciplined timing using Network Time Protocol (NTP) with accuracy in the msec range dependent on
 - Network topology
 - Performance clients
 - Typical accuracy is 10 to 20 msec
- ❖ Available Stratum 0 References
 - Built in GPS receiver to extract Universal Time Coordinated (UTC) from GPS signal
 - Backup Oscillator – provide hold over if primary reference is lost
 - 9389 Stratum 1 equipped with Rubidium oscillators (up to 1 year of holdover)
 - Internal Web Server
 - Primary User Interface
 - Browser Based Interface
 - SMNP Support
- ❖ NTP Server
 - Distributes NTP
 - Unicast - client's request time from server (most accurate)
 - Broadcast - server sends time out at a specific rate
 - Capacity 4000 request per sec
 - Not subject to denial of service,
 - Drops requests if busy

