AP-GTR2000

GPS based NTP Server

High Performance GPS NTP Server Solution

Embedded NTP Server Application



AddPac Technology

Sales and Marketing

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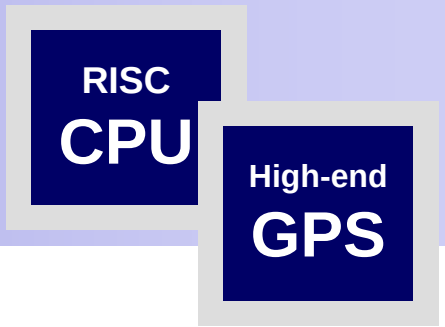
Product Overview

AP-GTR2000 GPS based NTP Server

- Embedded NTP Server with GPS Time Receiver Module
- Linux Operating System
- High Performance GPS Time Receiver Terminal Solution
- IP based GPS Time Receiver (Location Free, etc)
- Dual RS232 Port for GPS Time Information Transmission
- LCD Display for GPS Time Information
- External Antenna Interface Support
- High Performance Antenna Support for GPS Signal
- Blue LAMP for Device Status
- Smart Web Manager for System Configuration & Management
- Window, Linux Simple Socket API Program Support
- Firmware Upgradeable Architecture

Hardware Specification

AP-GTR2000 GPS based NTP Server



- RISC Microprocessor Computing Power
- High-end GPS Module Hardware Architecture
- One(1) Module Slot for GPS Module
- LCD Display at Front Side
- Blue LAMP
- Two(2) 10/100Mbps Fast Ethernet Interface
- Dual(2) DB-9 RS232C Interface
- Internal Power Supply
- Rack Mount Bracket (Option)
- GPS Antenna (Option)
- Option Module : AP-GPS-RS232
  - Two(2) DB-9 RS232C Interface Port
  - GPS Antenna Interface Port

Hardware Specification

AP-GTR2000 GPS based NTP Server

RISC CPU

High-end GPS

Front Side



Two(2) 10/100Mbps LAN Ports

RS232C Console

Status LCD

On-Air Blue LAMP & Switch

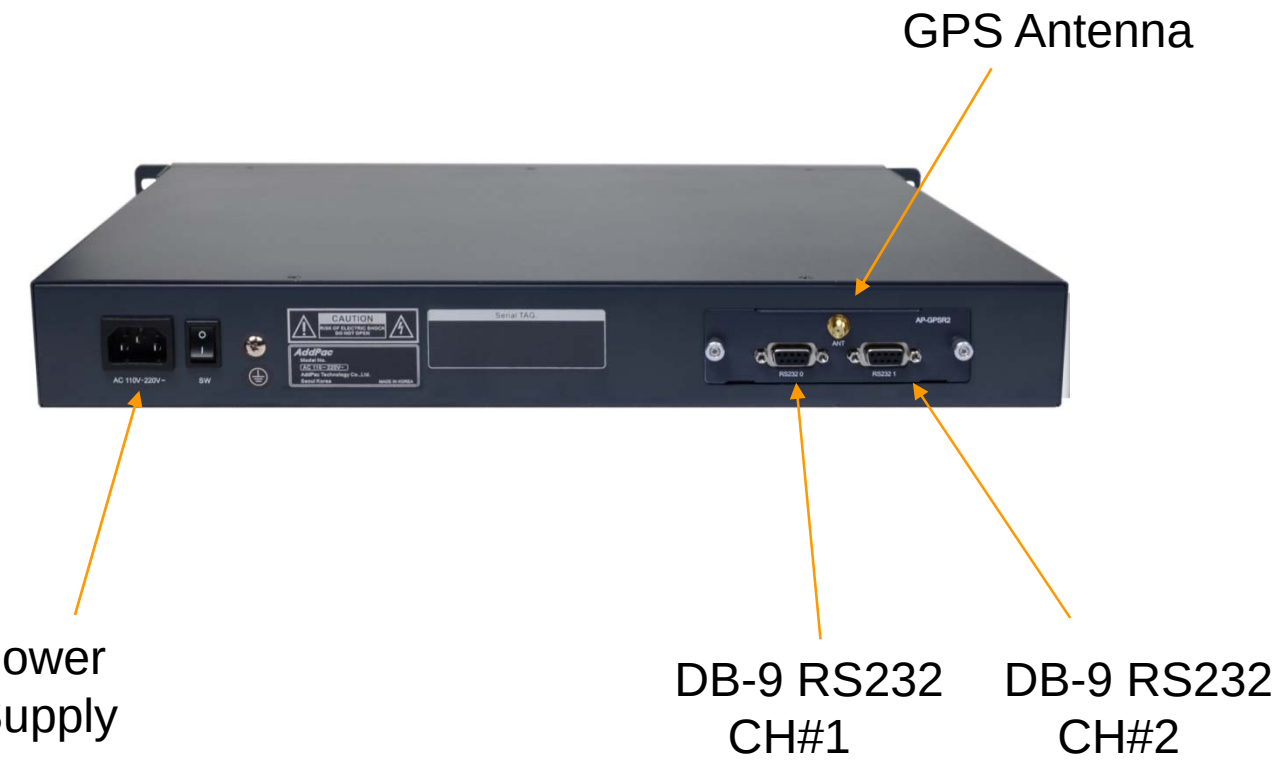
Hardware Specification

AP-GTR2000 GPS based NTP Server

RISC CPU

High-end GPS

Back Side



Hardware Specification

AP-GTR2000 GPS based NTP Server

RISC CPU

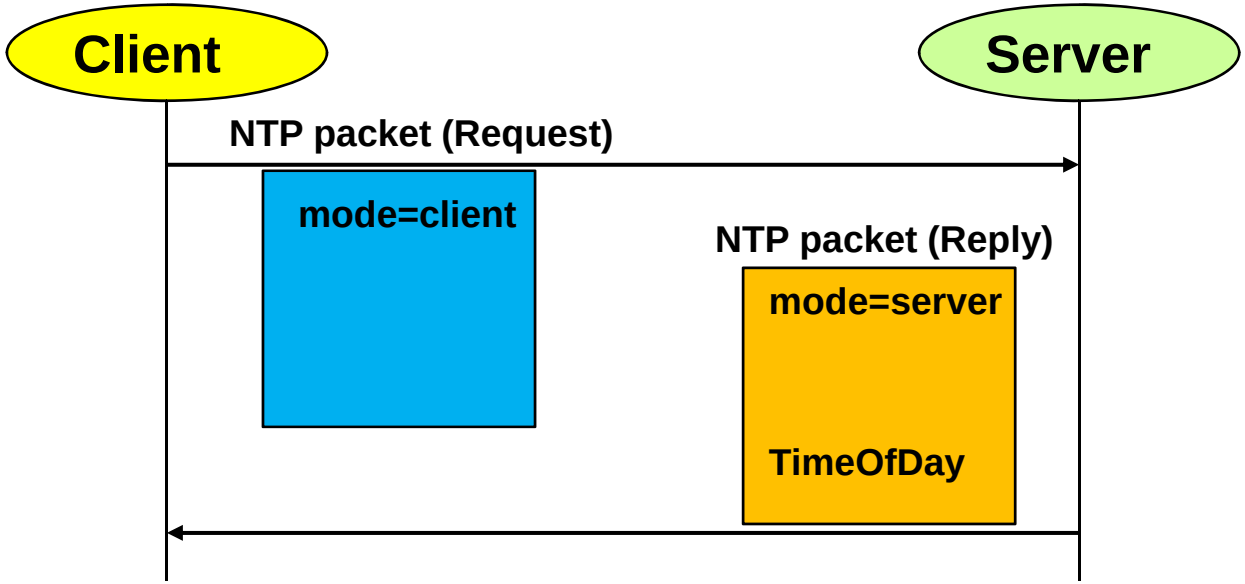
High-end GPS

GPS Antenna

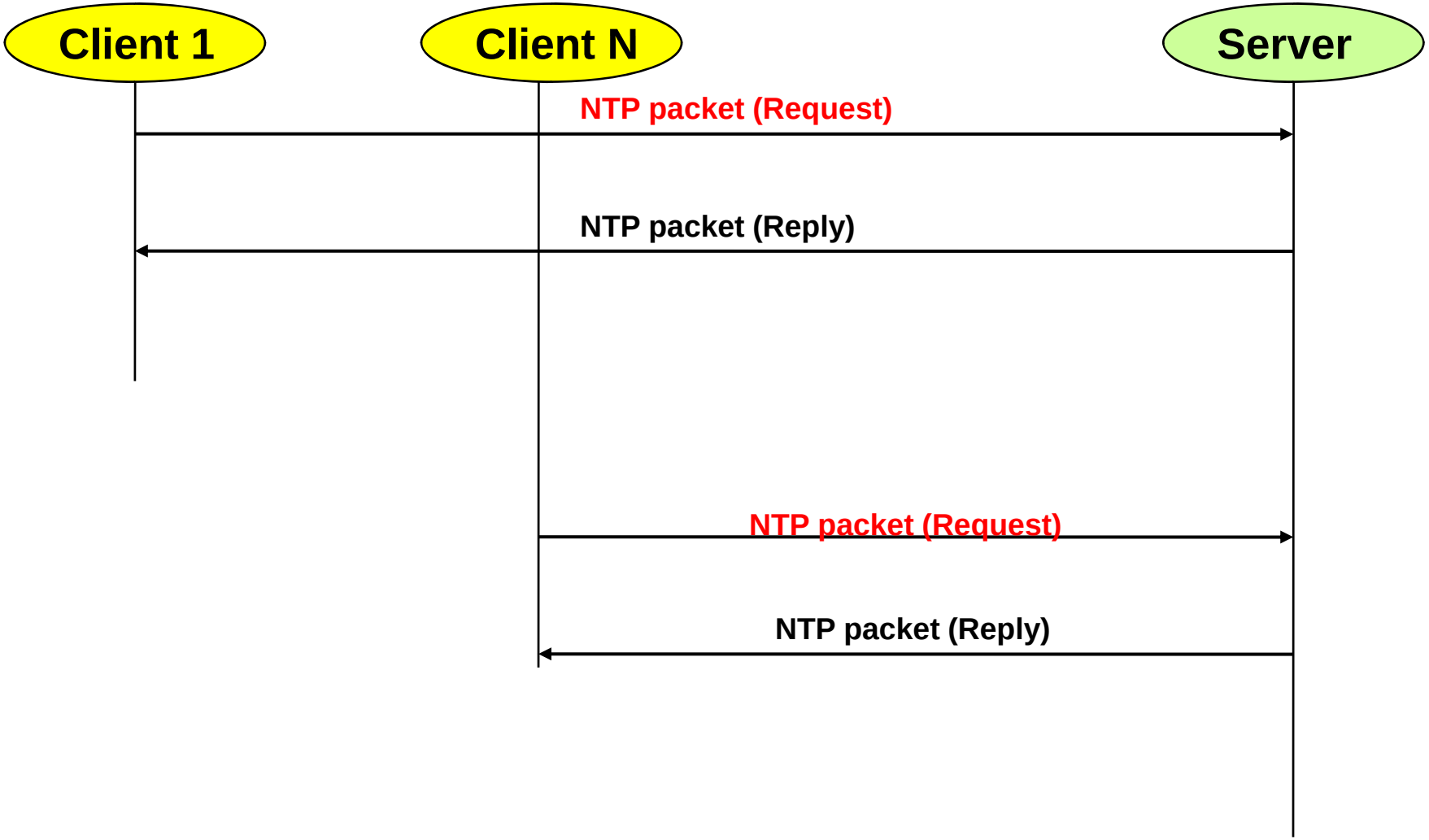


SNTP (Simple Network Time Protocol)

- Transport : UDP (port number 123)
- Protocol Version : 4
- Client/Server Mode



SNTP (Simple Network Time Protocol)



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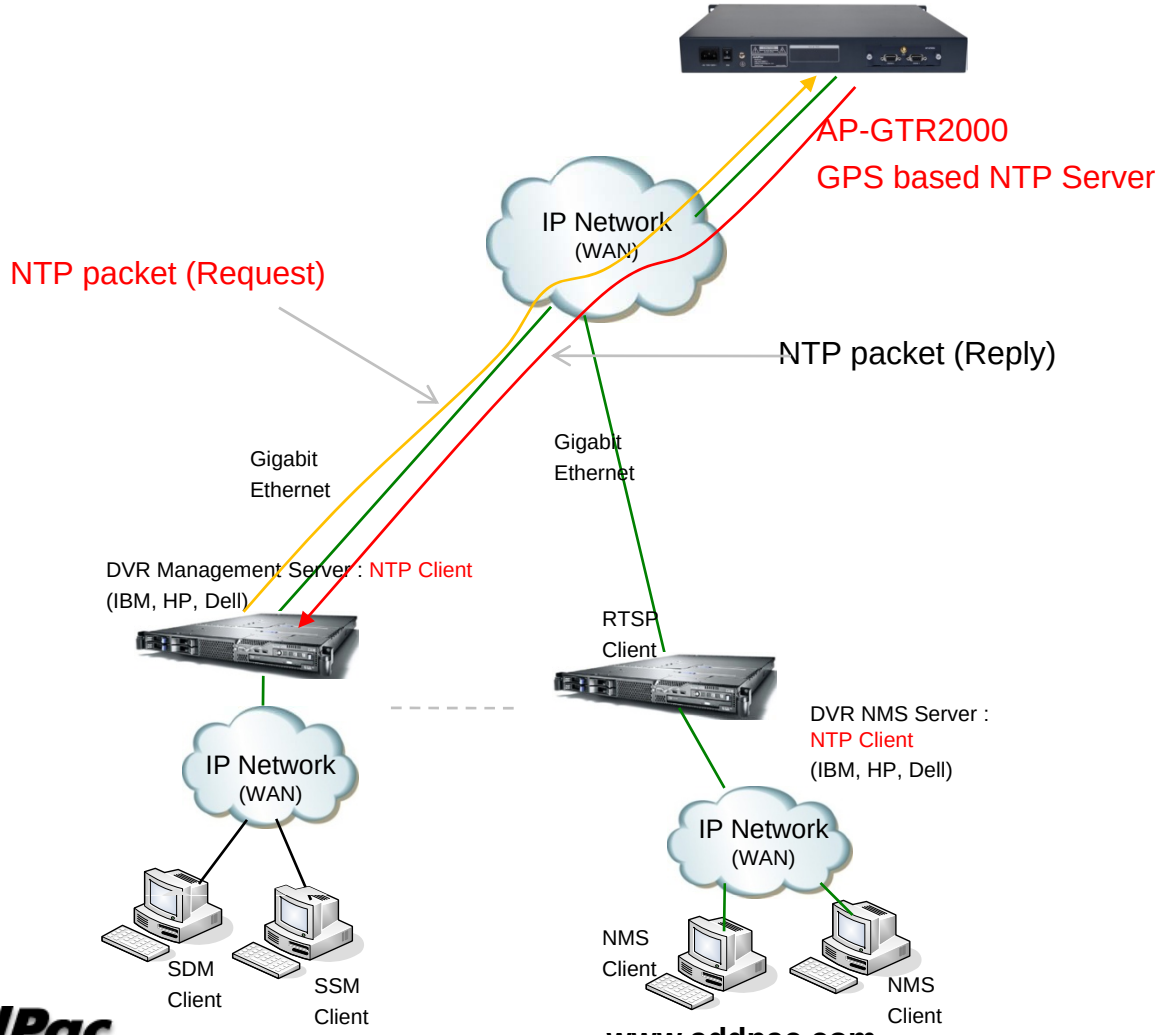
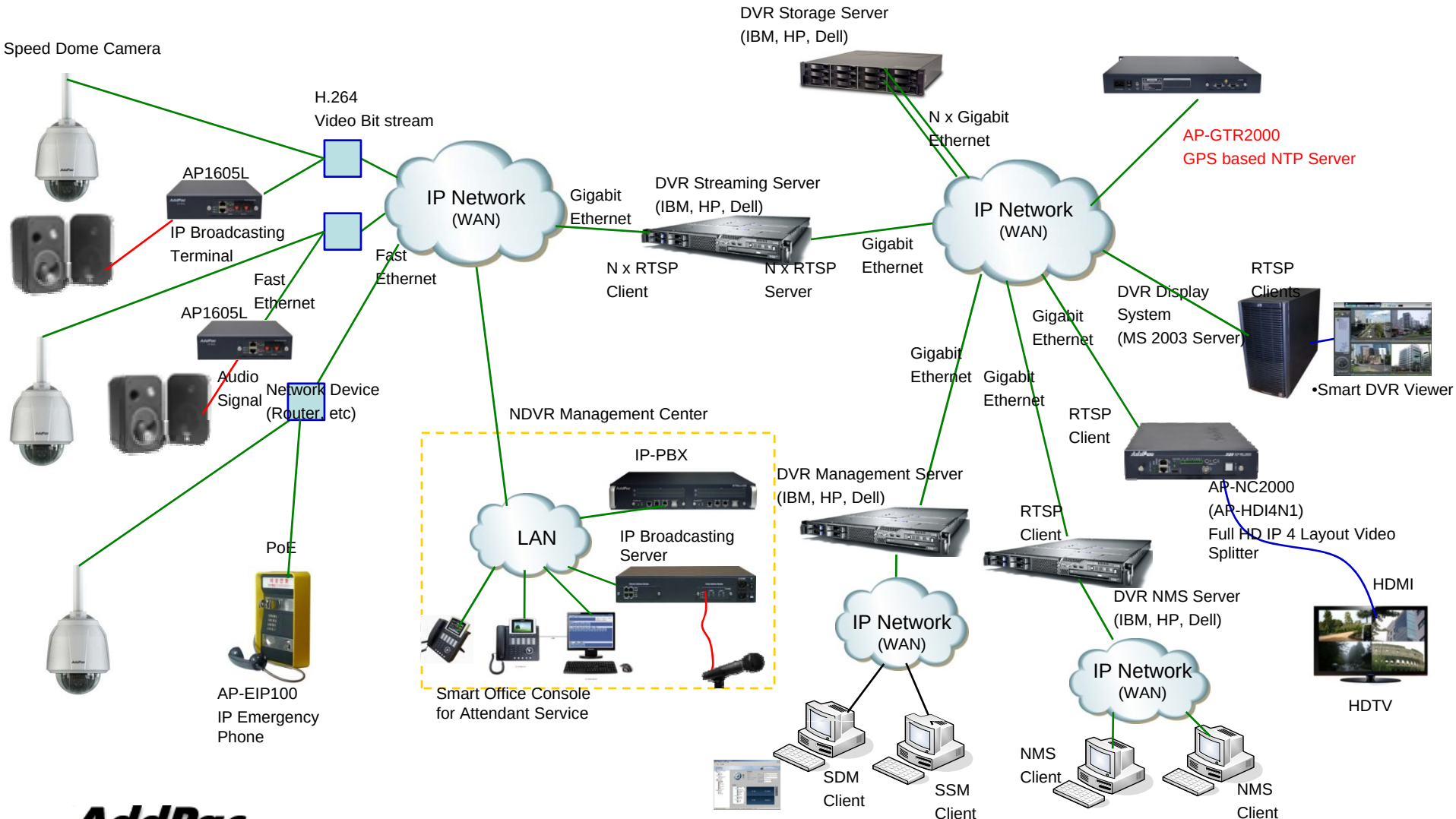


Network Diagram



Thank you!

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