

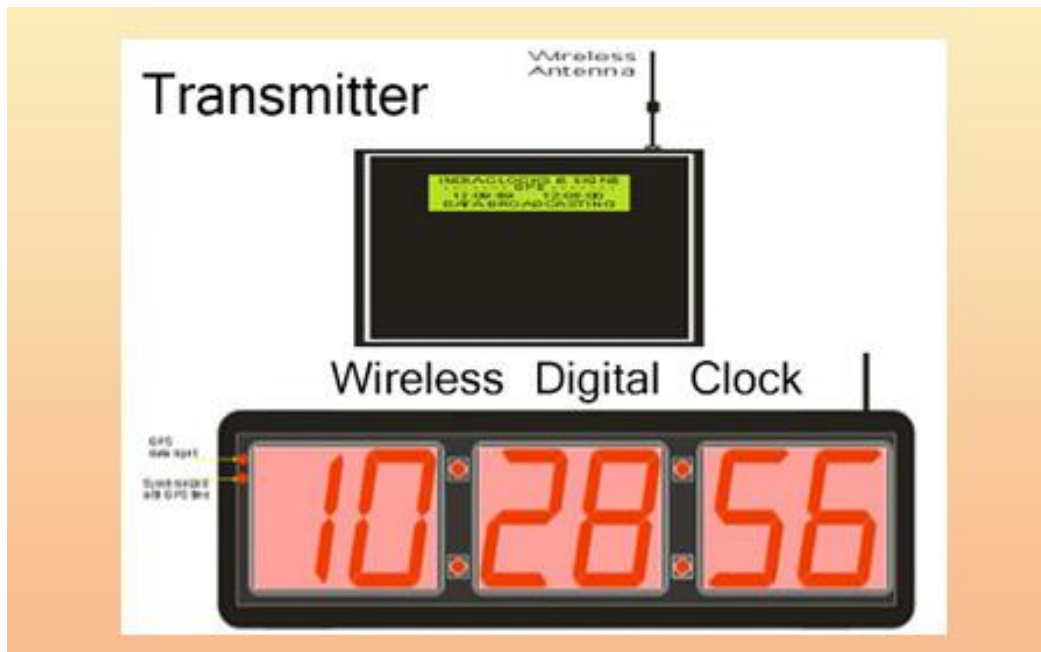
GPS Controlled Wireless Master- Slave Clock Time Display System

Master Clock System:

This is Transmitter unit which will be enclosed in a IP-65 Grade weather proof MS metal enclosure. The Antenna portion will be kept outside the box facing open sky to transmit the Time signals to all the digital clocks installed at various locations in the facility. This Transmitter is designed to work with 220 Volts AC Single Phase Electric power. There will be a GPS antenna connected to this transmitter to get the time signals from satellite. The GPS antenna will also be kept outside this transmitter facing open sky to receive the time signals from Satellite.

This transmitter will have an LCD display with time date indication as received from the satellite. This LCD display will confirm the Time Signal data Broadcasting to all the clocks installed at various locations in the facility.

With this GPS time signals transmitted by the Transmitter all the clocks will display GPS time in your facility. "UNIFORM TIME" through-out the campus will be achieved with this GPS facility.



Slave Clocks :

Consists of Seven segment LED display clock with HH:MM OR HH:MM:SS Option with built in Receiver . Master clock receive the GPS Time and feed to the transmitter. Receiver receive the Time signal from transmitted signal from Transmitter. Receiver clock get sync with the master clock and display the same GPS time across the plant. **Flameproof Clocks** mainly designed for **Pharmaceutical companies**



Block Diagram :

