ACCURACY

The GMR series of master clock are powerful time & frequency servers that can reference and supply NTP. PTP, IEEE 1588, SMPTE, EBU, IRIG-B, & other timing protocols. Serves time accurate to ± 15ns of UTC.

SYNCHRONIZATION

Synchronization improves the efficiency of operations. Can support and synchronize the thousands of simultaneous NTP clients.

SECURITY

Offers Secure-Socket-Host (SSH) encryption and MD5 authentication for secure communications. Alpha-numeric displays can project messages esp. in times of emergencies.
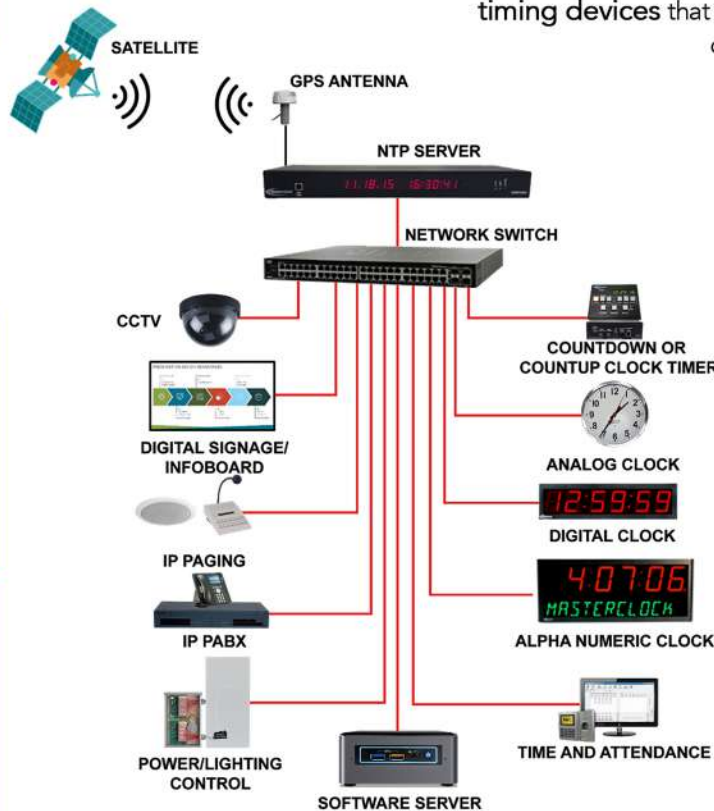
LEGAL TIME SOURCE

Time generated can be used as legal time stamps, especially in maintaining records and ensuring traceability.

Masterclock®

MASTERCLOCK SOLUTIONS

Masterclock is an American brand that is dedicated to designing, manufacturing, and supplying **precise timing devices** that deliver quality and value to their customers.

SATELLITE

GPS ANTENNA

NTP SERVER

NETWORK SWITCH

CCTV

COUNTDOWN OR COUNTUP CLOCK TIMER

DIGITAL SIGNAGE/ INFOBOARD

ANALOG CLOCK

12:59:59
DIGITAL CLOCK

4:07:06
MASTERCLOCK
ALPHA NUMERIC CLOCK

IP PAGING

IP PABX

POWER/LIGHTING CONTROL

SOFTWARE SERVER

TIME AND ATTENDANCE

Military & Aerospace 2016 Innovators Awards — GOLD HONOREE

Masterclock was honored with a Gold award from the Military and Aerospace Electronics Magazine for their development and implementation of the timing and countdown system at the Kennedy Space Center, NASA's rocket launch headquarters.

The President's "E" Award is the highest recognition any U.S. entity can receive for making a significant contribution to the expansion of U.S. exports.

PAGASA CERTIFIED

Masterclock has passed the comparison testing conducted by PAGASA in reference with the PAGASA Time Scale System.

COMSPEC MARKETING is a systems integrator and a solutions provider specializing in ICT, Safety and Security, AV and emerging technologies. The company has successfully built and maintained strong relationships with clients from various industries for more than 25 years.

Comspec is Masterclock's Philippine partner.

APPLICATIONS

BELL SCHEDULER	AUDIO-VISUAL PAGING	EMERGENCY NOTIFICATION SYSTEM	COUNTDOWN SOLUTION
TELCO	CCTV	BROADCAST	POWER

CLIENTS

ACROSS
SYNCHRONIZED AV NOTIFICATION SYSTEM

ACROSS is a synchronized AV notification system that enables audio and visual communication to be delivered to the right audience on time and in simple and synchronized manner.

ICNS

ICNS is an integration of communication, control, notification, and safety and security systems developed to help organizations in their day to day activities. In all systems, the integration provides accurate and synchronized time for more efficiency.

COMMAND & CONTROL

Comspec's command center solution allows organizations to make timely decisions and execute coordinated response based on the critical information gathered. The solution also provides an efficient and effective means to alert and notify.

COMSPEC
ICT . SAFETY & SECURITY . AV

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