Wireless Clock Systems
Wired Clock Systems
Power over Ethernet Clocks
Wi-Fi Network Clocks
SPECIFYING A WIRELESS CLOCK SYSTEM REQUIRES FINDING THE RIGHT PARTNER AND THE RIGHT PRODUCT.

SiteSync IQ is an integral part of a complete building operations system in design, build and renovation projects.
Impressive Capabilities

SiteSync IQ guarantees complete signal coverage with a single transmitter.

Why is this important?

Because building owners want flexibility and comprehensive signal coverage.

A single transmitter eliminates surprise additional costs.

Clock systems with clocks that act as repeaters require more clocks than needed to complete their web of signal coverage.
The high power signal blankets an 8-12 story building up to two city blocks. The campus antenna comes standard.

Completely covers a 6-8 story building up to one city block. The high power campus antenna comes standard.

Ideal for a 3-5 story building such as a hospital, middle school or technical college with 100,000 square feet per floor. The magnetic mount transmitting antenna comes standard. The Campus Antenna is available as an upgrade.

Perfect for a 1-2 story facility such as an elementary school, city office or county courthouse up to 200,000 square feet per floor. The magnetic mount transmitting antenna comes standard.
Built from high-strength fiberglass and brass, the durable antenna can weather any storm.

The powerful magnetic base allows for easy installation without any mounting hardware.
TIME SYNC OPTIONS

ETHERNET

Time synchronization via SNTP (Simple Network Time Protocol) or Daytime Protocol is transmitted to the clocks. Remote Connect interface comes standard.

GPS

Satellites transmit the official world time to the SiteSync IQ system controller GPS antenna placed outside. The system controller transmits a signal to your clocks.

GPS PLUS

For applications that require waterproof outdoor connections and longer cable runs from the outside GPS receiving antenna to the system controller.

CDMA

No wires or cables are needed with this sync option. The official time signal is retrieved from local cell phone towers and re-broadcast to the wireless clocks.

Resources are available to specify the correct transmitter for your design project.

Visit american-time.com/for-professionals for CSI MasterFormat Specs. American Time has also implemented Autodesk® Seek.
**Master Clock Timing Protocols:**

- **Clock Code 01** - 3 wire Synchronous
- **Clock Code 02** - 3 wire Minute Impulse
- **Clock Code 03** - Standard Electric Time Dual Motor
- **Clock Code 04** - Standard Electric Time AR-2A 2 wire Dual Voltage
- **Clock Code 05** - 3 wire Minute Impulse (58th minute)
- **Clock Code 06** - Honeywell
- **Clock Code 07** - 2 wire Reverse Polarity Minute Impulse (59th minute)
- **Clock Code 08** - 2 wire Reverse Polarity Minute Impulse (59th minute) with 12hr Correction
- **Clock Code 09** - Simplex 59th minute Dual Motor
- **Clock Code 10** - Simplex 45th minute Dual Motor
- **Clock Code 11** - National Synchronous Wired (25 sec. hour, 25 pulses 12 hour)
- **Clock Code 12** - Cincinnati D6 - 2 wire Reverse Polarity Minute Impulse (59th minute) with 12hr Correction
- **Clock Code 13** - National Synchronous Wired (25 sec. hour, 25 min. 12 hour)
- **Clock Code 15** - Straight Frequency Electronic Clock
- **Clock Code 16** - 3 wire Minute Impulse (59th minute) with 12hr Correction
- **Clock Code 17** - Standard Electric Time AR-2 2 wire Dual Voltage
- **Clock Code 18** - National Synchronous Wired
- **Clock Code 19** - Stromberg Synchronous Wired (56th minute)
- **Clock Code 20** - National Synchronous Wired (No 12 hr. correction)
- **Clock Code 21** - Cincinnati D1
- **Clock Code 22** - Dukane Synchronous Wired
- **Clock Code 23** - Standard Electric Time Dual Motor (hourly correction only)
- **Clock Code 24** - Stromberg 2 wire Minute Impulse (58th minute) Hourly Correction Only
- **Clock Code 25** - Digital Clock Reset - 12:00 AM/PM
- **Clock Code 26** - Synchronous Wired 2 with Noon and Midnight Sync
- **Clock Code 29** - 2 wire Reverse Polarity Minute Impulse
- **Clock Code 30** - 2 wire Reverse Polarity Minute Impulse (59th minute) with 12hr Correction
- **Clock Code 31** - Stromberg 2 wire Minute Impulse (59th minute) Hourly Correction Only
- **Clock Code 32** - Digital Clock Reset - 12:00 AM/PM
- **Clock Code 33** - Synchronous Wired 2 with Noon and Midnight Sync
- **Clock Code 34** - 2 wire Reverse Polarity Minute Impulse
- **Clock Code 35** - 2 wire Reverse Polarity Minute Impulse (59th minute) with 12hr Correction
- **Clock Code 47** - Standard Electric Time AR-3 (3 wire Impulse)

**SITESYNC IQ ALLOWS YOU TO SEAMLESSLY TIE INTO EXISTING INFRASTRUCTURE.**
**CONTROL ANY EQUIPMENT THAT REQUIRES RELAY ACTIVATION.**
AllSync Plus Clocks use only 1 watt of energy, making them not only highly efficient, but cost effective. They use up to 80% less energy than traditional wired clocks.

The AllSync IQ Master Clock provides synchronized control of secondary clocks, bell signals and electrical circuits. It includes Ethernet time sync option.

A 5-year warranty comes standard with every AllSync system providing years of reliable service and peace-of-mind.
An AllSync IQ Clock System is truly maintenance-free after initial installation. Automatic Daylight Saving Time changes are scheduled with the master clock. Included battery keeps time without external power and retains programmed data.
POWER OVER ETHERNET (PoE)

THE NEXT GENERATION OF WIRED CLOCKS
Using Power over Ethernet (PoE) technology, these PoE network clocks draw both power and time updates from an Ethernet connection. Power over Ethernet clocks are energy-efficient and eliminate the need for AC receptacles and individual batteries. Power is supplied to clocks over a standard Cat5 cable using a single port injector or server switch.
“We looked at several companies who sold network clocks. The interaction with American Time was far better than many of the other companies. Dodi made the process extremely easy and painless. There wasn’t a lot of sales pressure from them and they were there to support any questions that came up during our evaluation process. The quality of the American Time clock was far superior to that of some of their competitors who were charging a higher price.”

Jon Credit, Carolina Panthers
Director of Information Technology

“The worldwide demand for our Wi-Fi clocks is even greater than we expected. We launched our Wi-Fi clock product line in January 2014 and initially configured it to U.S. standards. But the response and demand from our international customers has been huge, and so we quickly expanded our line to benefit them.”

Tim Leung, American Time
Director of Engineering
Wi-Fi Network Clocks are an ideal solution for synchronized time to complement your existing clock system. Wi-Fi clocks are battery-operated and portable and use your existing 802.11n network infrastructure, so there is no need for additional equipment, license fees, managed services or associated costs.

Each Wi-Fi clock is factory-configured to receive the precise time signal from your network time server. Staggered wake time make for an unnoticeable load on your network.

Long-lasting lithium batteries and automatic Daylight Saving Time adjustment mean they require no maintenance for up to five years.

Wi-Fi clocks are available in the following cases:

- Aluminum
- Wood 2 colors
- Molded Plastic
- Steel
Hundreds of dial options and styles are available

WAYNE ANTOL
Hanna Boys Center

“SiteSync IQ was easy to install and the boys and staff here really like the new clocks with the Hanna logo.”

DAVID L. RALEIGH
Frankfort High School

“We’re very happy with the clocks and the dial face artwork. We’ve received numerous comments.”

JEFFREY MARTIN
Presentation High School

“No challenge was too great for American Time & Signal Co. They designed a unique wireless solution for our school which saved us thousands of dollars in building modifications.”

JOHN BOYD
Morley Stanwood Community Schools

“The artwork on the custom dials is awesome! I’ve never seen principals be so excited about clocks.”
Help clients improve branding and create a lasting first impression with custom logo dials. The process is simple and free of charge.

Unlike retail clock styles that change appearance every few years, our clocks have a consistent look year after year along with new designs.

For automatic Daylight Saving Time changes, Wi-Fi clocks, AllSet clocks and Radio-Control clocks are recommended. If clients prefer long-life in between battery changes, they may prefer clocks with the 5-year Battery Booster packs.

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**Many Options**

- AllSet Clocks
- Battery Clocks
- Outdoor Clocks
- PoE Network Clocks
- SiteSync IQ Clocks
- AllSync Plus Clocks

**Custom Dials**

- Gym Clocks
- Wi-Fi Network Clocks
- Radio-Control Clocks

**Timeless Look**
“For me, it’s a no brainer to recommend your company. I think you are doing everything very well. Great service. Great people. Great products. And most of all, you are a USA company. I can tell your company has high standards for your people, your product and your service. Don’t ever change from that.”

Rick Adams, Algona Community Schools

“Not having to reset clocks by hand after time changes, power outages, etc. was Great! We replaced our old, outdated Edwards dual speed synchro clocks with SiteSync Wireless Clocks and now we have clocks that keep perfect time! What a blessing. They reset after power failures and time changes. The signal range is amazing! Your support team is also fantastic, from Rosie in the quote department, Janelle who assisted me with your tech team of Scott and Tom, to Glen in product support who helped me understand wiring configurations for ease of installation. You folks are super! I wish more companies had service like yours.”

Dennis Elliott, St. Justin Martyr School
BUZZER CLOCKS

The perfect choice for any facility requiring signaling without a wired bell system. At 65 dBA at 10 ft, clocks with built-in buzzers are loud enough to hear, but not loud enough to startle. Use for class dismissal, notification of shift changes or to indicate “time’s up” during testing. Available in a 12” white or black plastic case.

Buzzer Clock System requirements:
- SiteSync IQ system controller with bell relays
- Operate on 110vac or 24vac
- Buzzer schedule created using Remote Connect web-interface or system controller keypad
SPECIFY AMERICAN TIME WITH COMPLETE CONFIDENCE

Our highly skilled engineers, technicians, customer service and production staff have centuries of combined experience to fully integrate your vision into your clients design.

CONTACT US TODAY TO DISCUSS YOUR DESIGN PROJECT NEEDS

Phone: 800-328-8996 Fax: 800-789-1882 Online: american-time.com