



Network Clocks: Power over Ethernet and Wi-Fi Clock Systems



Simplify Network Clock
Management with inCloud.

HEALTHCARE

Precise time management is critical for healthcare professionals. American Time delivers trusted solutions for hospitals, clinics and laboratories.



MANUFACTURING

Ensure production and people are on schedule. Network clocks and devices help manufacturers around the world effectively achieve their production goals.



EDUCATION

Operating a school, campus or district requires reliable and precise time management. Our synchronized network clocks and devices are easy-to-manage solutions that help students, faculty and staff perform at their best.



Network Clocks and inCloud: Fast installation. Low maintenance. Easy management.



American Time network clocks deliver precise time and better productivity by simply connecting to an Ethernet or Wi-Fi network. See instant ROI by keeping people, classes, meetings and operations on time!

And now, clock and auxiliary device management is easier than ever with the inCloud™ management portal. Get quick setup, flexible scheduling and efficient management.



Wi-Fi Clocks



Wi-Fi clocks connect to your existing Wi-Fi network to pull time from an Internet time server. Hang them anywhere you get a Wi-Fi signal. It's one of the fastest and most cost-effective ways to get synchronized time!

Quality construction and precision engineering means that maintenance staff won't have to spend time fixing clocks. Keep events on time and get better productivity with all clocks, computers, phones and devices displaying the same time!

Wi-Fi clocks are perfect for...

- Any business, school or organization
- Any organization that needs accurate, wireless clocks but doesn't want to purchase a system controller





HANG THEM AND FORGET ABOUT THEM

Battery-powered Wi-Fi clocks can run up to five years on a battery pack. Electric-powered clocks are offered in 24 VAC, 120 VAC or 220 VAC options. Either way, you can forget about maintenance!

KEEP EVERYONE ON THE SAME, PRECISE TIME

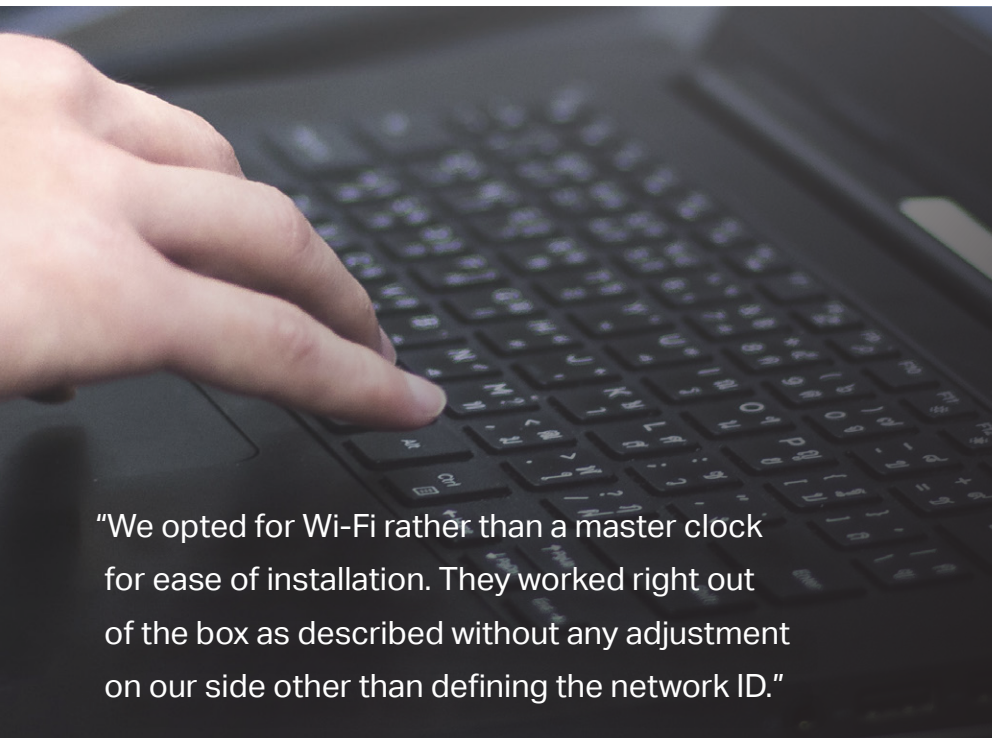
Across a building or campus, keep meetings, classes, appointments and shifts flowing smoothly. No manual adjustments needed!

NO-HASSLE, FAST INSTALLATION

All you need is a WLAN; clocks can arrive preconfigured to your Wi-Fi network or configure them yourself. Hang them wherever there's a Wi-Fi signal.

NO MASTER CLOCK, WIRES OR EQUIPMENT NEEDED

Wi-Fi clocks simply pull accurate time from your Wi-Fi network.



"We opted for Wi-Fi rather than a master clock for ease of installation. They worked right out of the box as described without any adjustment on our side other than defining the network ID."

Don L., Director of Information Technology



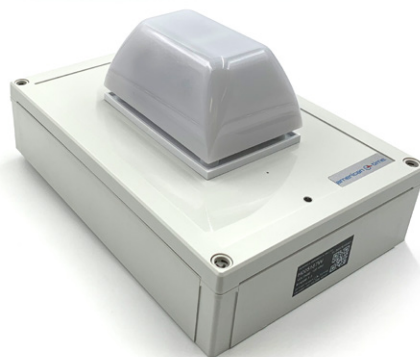
Wi-Fi Clock Features

- Clocks use existing wireless network (802.11b/g/n, 2.4GHz only) to synchronize and adjust automatically
- Accuracy ± 1 second to SNTP time server
- Automatic updates for daylight saving time (where applicable)
- Digital or analog clock options
- Battery and electric models available
- Staggered synchronization times for unnoticeable network load



Wi-Fi Horn

Audibly signal programmed events in your building.



Wi-Fi Strobe

Visually signal programmed events in your building.



Wi-Fi Relay

Turn on/off low power devices like building lights, door locks, etc.

New Wi-Fi Analog Buzzer Clocks!

Signal class and work shift changes.

Analog Wi-Fi Clocks

Ideal for any office or building that wants an elegant synchronized clock system that is easy to use.

- ✓ A variety of mounting options
- ✓ A variety of case, style and size options
- ✓ Quality construction, durable materials
- ✓ Add an image, name or logo to promote your brand!
- ✓ Glass crystal (12" round) or shatter-resistant polycarbonate crystal (12" square and 15" round)
- ✓ Battery or electric power options
- ✓ A battery booster pack provides up to five years of maintenance-free operation



Digital Wi-Fi Clocks

Accurate, high-visibility clocks to keep people and places on time.

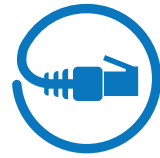


- ✓ 12- or 24-hour time display
- ✓ Anodized aluminum frame available in black or white cases
- ✓ 2.5" or 4" digit height, green or red LED display
- ✓ 4-digit or 6-digit clock varieties
- ✓ Adjustable brightness settings; up to 200 feet visibility
- ✓ Add Timer Control Station for any 6-digit clock
- ✓ Optional elapsed time indicator/Code Blue activation
- ✓ Signaling buzzer options
- ✓ Date display options

American Time can program your clocks in advance so they connect with your network before they leave our facility — free of charge.



Power over Ethernet Clocks



Power over Ethernet (PoE) clocks are durable devices that deliver accurate time anywhere in the world. Easy to install with nearly zero maintenance, these beautiful analog or digital clocks give you precise time and peace of mind.

PoE clocks are perfect for...

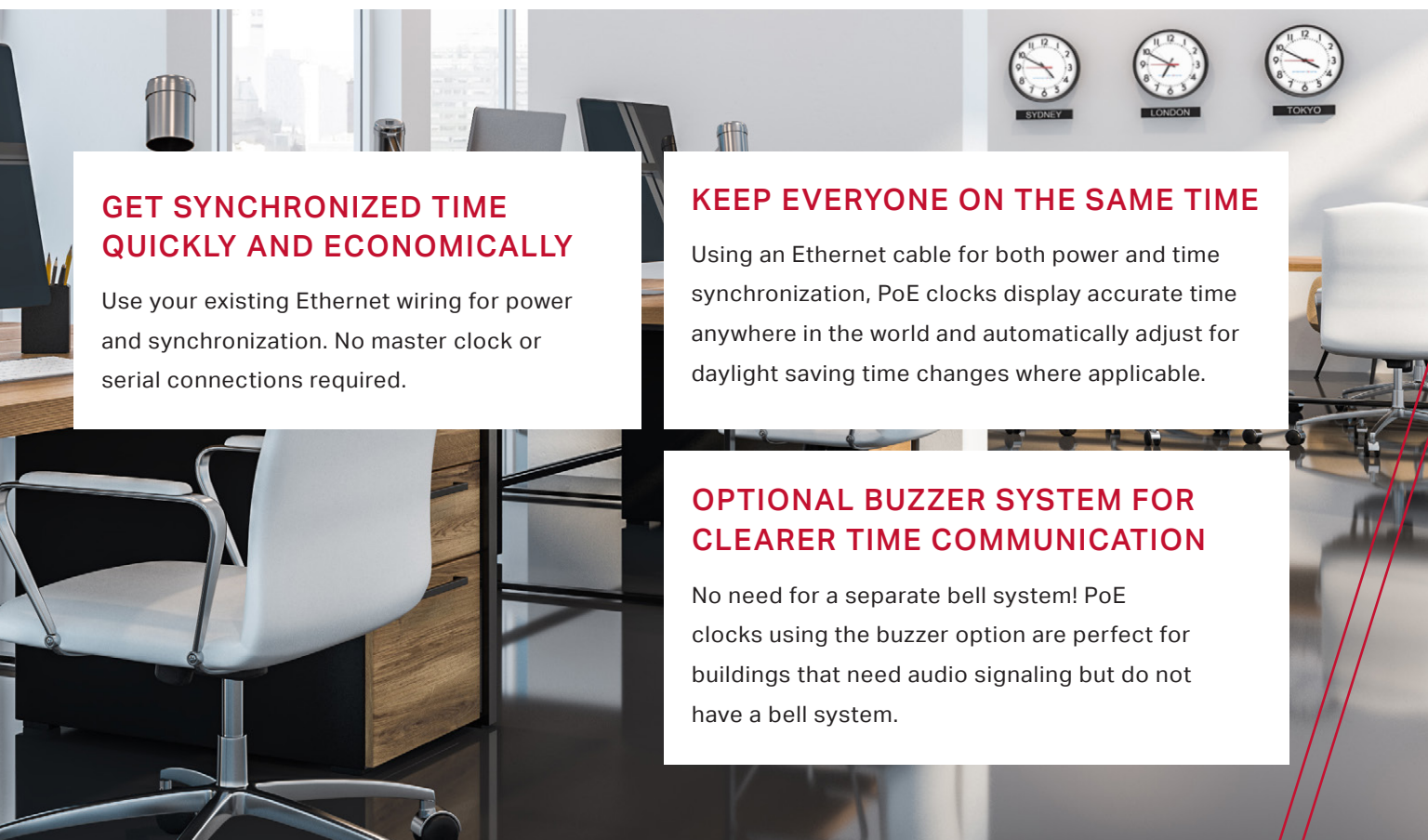
- Any building with an existing Ethernet network
- New construction that needs a precise, efficient clock system





"The quality of the American Time clock was far superior to that of some competitors who were actually charging a higher price."

Jon C., Director of Information Technology



GET SYNCHRONIZED TIME QUICKLY AND ECONOMICALLY

Use your existing Ethernet wiring for power and synchronization. No master clock or serial connections required.

KEEP EVERYONE ON THE SAME TIME

Using an Ethernet cable for both power and time synchronization, PoE clocks display accurate time anywhere in the world and automatically adjust for daylight saving time changes where applicable.

OPTIONAL BUZZER SYSTEM FOR CLEARER TIME COMMUNICATION

No need for a separate bell system! PoE clocks using the buzzer option are perfect for buildings that need audio signaling but do not have a bell system.



Power over Ethernet Clock Features

- Accurate time to 1/10 of a second
- Draw power and time updates from Ethernet connection
- Automatic updates for daylight saving time (where applicable)
- Energy efficient, with no need for AC receptacles or batteries
- Signaling buzzer options



Timer control station

Elapsed timing device with optional Code Blue activation.



Single-port PoE Injector

Supplies power to PoE devices from a non-PoE Ethernet port.



PoE buzzer clock

Audibly signal class, work shift changes, etc.



Analog PoE Clocks

High-quality clocks that reflect your brand and the importance of time.

- ✓ A variety of mounting options including, surface, ceiling (double-sided), wall (double-sided) and flush
- ✓ A variety of case, style and size options
- ✓ Quality construction, durable materials
- ✓ Add an image, name or logo to promote your brand!
- ✓ Glass crystal (12" round) or shatter-resistant polycarbonate crystal (12" square and 15" round)
- ✓ Optional audio buzzer for shift, class or meeting signaling

Digital PoE Clocks

Display precise, synchronized time anywhere in the world.

- ✓ 2.5" or 4" digit height, green or red in LED color
- ✓ 4-digit or 6-digit clock varieties
- ✓ 12 or 24-hour time display
- ✓ Signaling buzzer options
- ✓ Date display options
- ✓ Ceiling, wall or flush mounts
- ✓ Black and white (flush mount only) case options.
- ✓ Optional elapsed time indicator/Code Blue activation
- ✓ Adjustable brightness settings; up to 200 feet visibility
- ✓ Add Timer Control Station for any 6-digit clock



Wi-Fi and PoE Analog Clocks

Case Styles



Black Steel



Gray Steel



Aluminum



Light Oak



Black Plastic



White Plastic



Mahogany

Mounting Options

- Single-sided analog clocks: Surface and Flush
- Double-sided analog clocks: Ceiling and Wall



Surface



Ceiling



Wall

Mounting Options



Surface



Wall



Ceiling



Flush (PoE only)

Wi-Fi and PoE Digital Clocks

Height Options

- 2.5" LED Display
- 4" LED Display

Digit Options

- 4-digits
- 6-digits



Wi-Fi Specifications

American Time Wi-Fi clocks are Wi-Fi, FCC, and ICES certified. RoHS compliant with SNTP time reference.

Wi-Fi Analog Battery Clocks

Clock sizes	10", 12" and 15"
Mounting options	Flush, surface, ceiling or wall*
Power source	6 (1.5V) AA Lithium batteries (included)
Wi-Fi Standard	802.11n (802.11b/g compatible, 2.4 GHz only)
Security protocols	WEP, WPA/WPA2 and Enterprise (PEAPv0-MSCHAPv2)
Accuracy	±1 second to SNTP time server
Warranty	3 Years

Wi-Fi Analog Wired Electric Clocks

Clock sizes	10", 12" and 15"
Mounting options	Flush, surface, ceiling or wall*
Input voltage & Power draw	120vac - 4.9 mA (max), 2.3 mA (ave - hourly sync) 24vac - 10.2 mA (max), 9.3 mA (ave - hourly sync) 220vac - 2.3 mA (max), 1.3 mA (ave - hourly sync)
Wi-Fi Standard	802.11n (802.11b/g compatible, 2.4 GHz only)
Security protocols	WEP, WPA/WPA2 and Enterprise (PEAPv0-MSCHAPv2)
Accuracy	±1 second to SNTP time server
Warranty	3 Years

Wi-Fi Digital Clocks

LED display color	7-segment red or green options
LED display height	2.5" and 4" options
LED digits	4- and 6-digit options
Mounting types	Surface, ceiling or wall*
Power source	24VAC, 120VAC, or 220VAC
Visibility	2.5" digits—up to 125 feet; 4" digits—up to 200 feet
Wi-Fi Standard	802.11n (802.11b/g compatible, 2.4 GHz only)
Security protocols	WEP, WPA/WPA2 and Enterprise (PEAPv0-MSCHAPv2)
Accuracy	±1 second to SNTP time server
Clock battery backup	10 years
Warranty	3 years

*Availability of sizes, case types and mounting options depend on combinations selected. Call us at 800-328-8996 for assistance or visit our website to learn more.

PoE Specifications

American Time PoE clock certifications:

- Electromagnetic Emissions: EN 55032:2012/AC:2013 Class B, FCC 15.107:2018 Class B, FCC 15.109:2018 Class B, ICES-003:2016 Class B
- Electromagnetic Immunity: EN 55024:2010
- Safety: CB

Power over Ethernet (PoE) Analog Clocks

Clock sizes	10", 12" and 15"
Mounting types	Flush, surface, ceiling or wall*
Power source	PoE, IEEE802.3af compliant, 1W, 48v
PoE Standard	IEEE802.3af
Accuracy	±1 second
Warranty	3 Years

PoE Digital Clocks

LED color	7-segment red or green options
LED digit height	2.5" and 4" options
LED digits	4- and 6-digit options
Mounting types	Flush, Surface, Ceiling or Wall*
Power source	PoE, IEEE802.3af compliant, 1W, 48v
Visibility	2.5" digits—up to 125 feet; 4" digits—up to 200 feet
PoE Standard	IEEE802.3af
Accuracy	±1 second to SNTP time server
Warranty	3 years

Wi-Fi and PoE Clock Accessories

- Security bracket for 12" surface clocks (model H001141)
- Security bracket for 15" surface clocks (model H003699)
- Single port PoE injector (model TMA200)

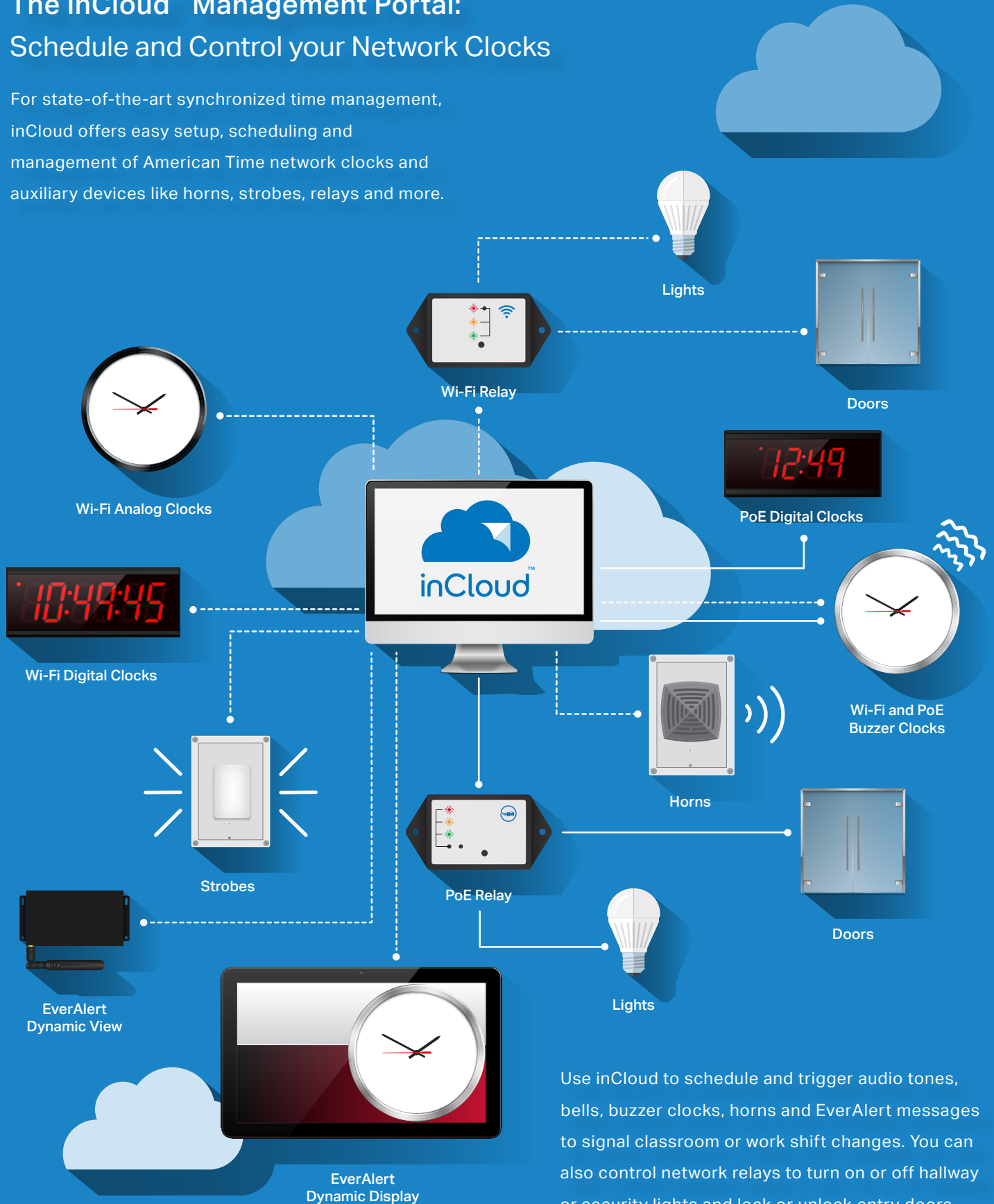


Timer Control Station

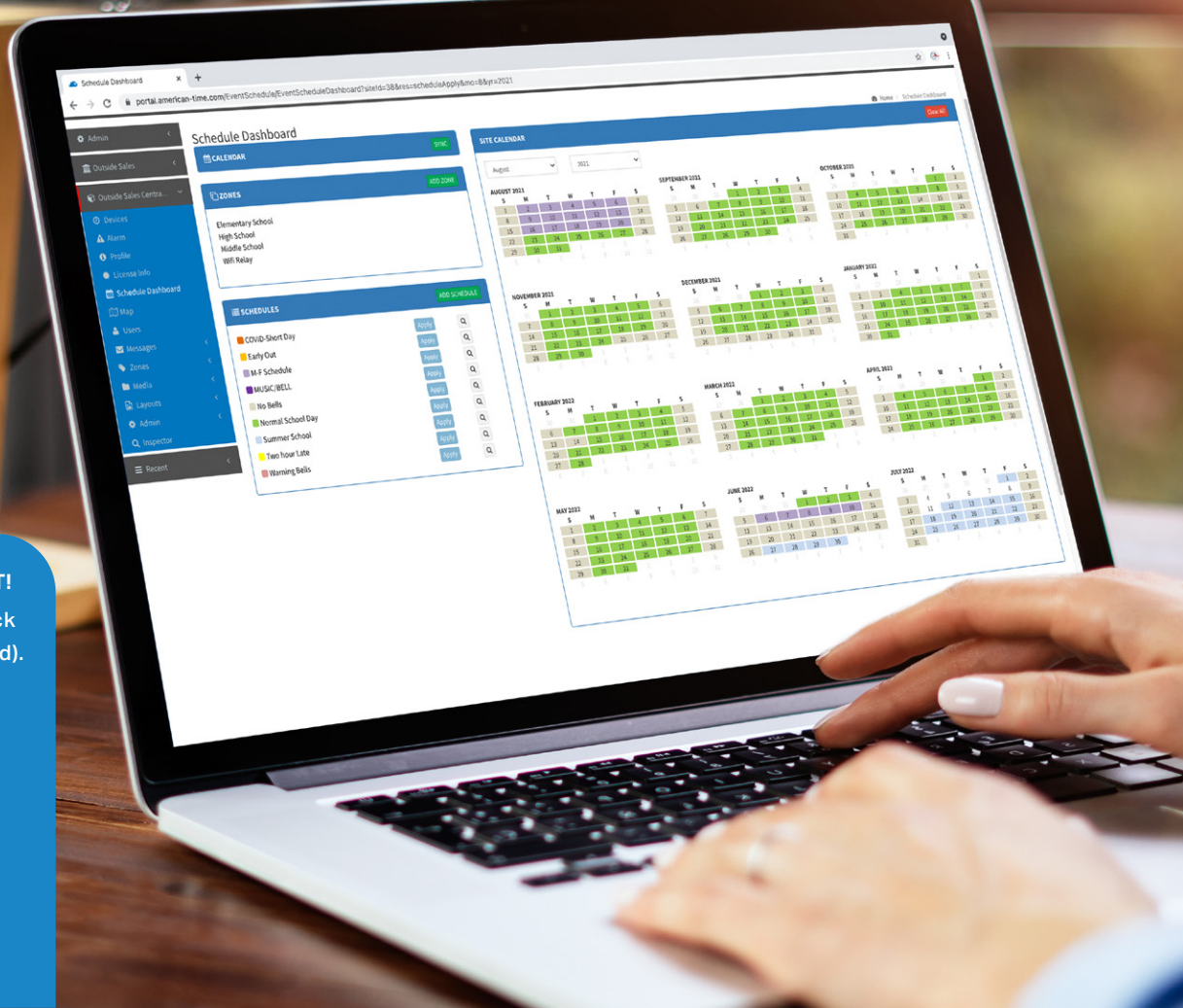
Sold separately, the Timer Control Station (model ATSTCS) can be wired to any 6-digit surface or flush mount Wi-Fi or PoE digital clock for an up or down counting elapsed timer with an optional Code Blue trigger. Code Blue activation is important for hospital operating rooms, ICU's, CICU's, laboratories or wherever measuring time is critical.

The inCloud™ Management Portal: Schedule and Control your Network Clocks

For state-of-the-art synchronized time management, inCloud offers easy setup, scheduling and management of American Time network clocks and auxiliary devices like horns, strobes, relays and more.



Use inCloud to schedule and trigger audio tones, bells, buzzer clocks, horns and EverAlert messages to signal classroom or work shift changes. You can also control network relays to turn on or off hallway or security lights and lock or unlock entry doors.



SETUP CLOCKS FAST!
Use our Network Clock Setup App (for Android).



Enhance your clock system with EverAlert®. EverAlert is a powerful communication system that delivers better communication, productivity, and safety through daily messaging, emergency alerts and synchronized clocks.

Request a consultation and learn more at american-time.com/communication-systems/

Innovation For a Safer World.



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American Time Network Clocks

To learn more about our Wi-Fi and PoE network clocks and devices or to request a consultation, visit american-time.com/network-clocks.

Visit american-time.com to explore more synchronized time and communications solutions.



"I have been purchasing products from American Time for over 10 years and they have consistently exceeded my expectations in every area. In a time where customer service and personal attention to the customer seem to be waning or non-existent, they excel."

GARY W., ELECTRICAL UTILITIES SUPERVISOR

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