

the sapling company

ingeniously in sync



who we are

The Sapling Company is a leader in engineering and designing advanced synchronized clock systems for a variety of industries and applications. We constantly push the boundaries of our technology and quality to offer the best systems possible. Built on a foundation of reliability, our products are engineered and manufactured in the United States at our headquarters in Pennsylvania.

As a global leader, Sapling demonstrates its commitment to innovation and productivity through its multiple patents, with an emphasis on research and development. Each system and product we offer is engineered and designed to meet strict international standards. This coincides with our mission to ensure that our high quality synchronized clock systems will operate safely, reliably, and efficiently for many years to come.

From New Zealand in the South to Alaska in the North, from Hong Kong in the Far East to Hawaii in the Far West, Sapling's Synchronized Clocks Systems can be found in many facilities all over the world. With more than two decades of experience and professionalism we proudly provide our systems to many satisfied customers worldwide. By choosing Sapling, you can count on our clocks to be on time, every time.

industries we serve

Each of our clock systems has features that can benefit a wide range of industries. Here are just few of the facilities where our clocks can be found:



EDUCATION



HEALTHCARE



BUSINESSES



TRANSPORTATION



MANUFACTURING

education

Arriving to class on time is important for both students and teachers. Our master clock has the capability to ring the school bells at predetermined times with its scheduling feature.



healthcare

Maintaining precise records, administering medication on time, and keeping track of important events are just a few reasons why a hospital needs the most accurate time displayed on every clock.

Our elapsed timer control panels are widely used in hospital emergency and operating rooms.



business compl exes

Business is conducted 24/7. Sapling recognizes this and now offers a customizable Zone Clock. The Zone Clock displays the time in different parts of the world so that companies working with overseas locations can know the time in other countries at a glance. The Sapling Zone Clock System is designed to automatically correct each individual clock for Daylight Saving Time according to its designated city.



transportation

Time is important when traveling. With everyone operating on the same time source, there is a smaller chance of missed flights, missed trains, and confused passengers.



manufacturing

Within the manufacturing industry, timing is essential. With the installation of a synchronized clock system, a plant will be able to successfully produce and transport a company's product on time. Workers will know when a shift is starting or ending, which will lead to company productivity improvement. Sapling also offers a countdown feature that can be displayed on digital clocks during breaks or in between shifts.

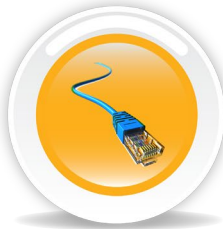


systems we offer

Sapling offers five different types of synchronized clock systems, each of which utilizes different features to accommodate all types of infrastructures. Each of our systems can be installed in an existing facility or a new facility. Sapling Clocks can provide extremely accurate and precise time in both multi-floor buildings and campuses regardless of the size of the facility.



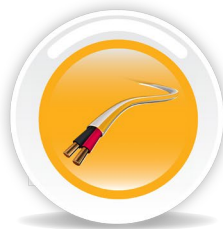
Wireless System



IP System



TalkBack System
Technology™



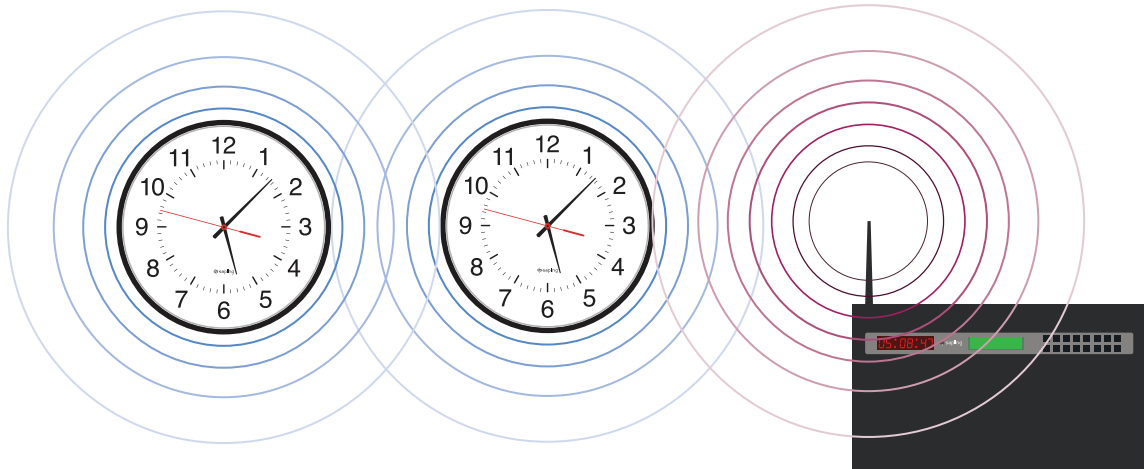
Wired System



Wi-Fi System

wireless clock system

Sapling's Wireless Clock System begins with the master clock, which transmits the time to the clocks within its radius. Once those clocks receive and change to the accurate time, the clocks have the ability to re-transmit the time signal to neighboring clocks. Sapling's Wireless Clock System is able to do this because each clock has a built-in repeater, ensuring each clock within the system receives, displays and re-transmits the correct time. This system is widely used in new and existing facilities due to the ease of installation.



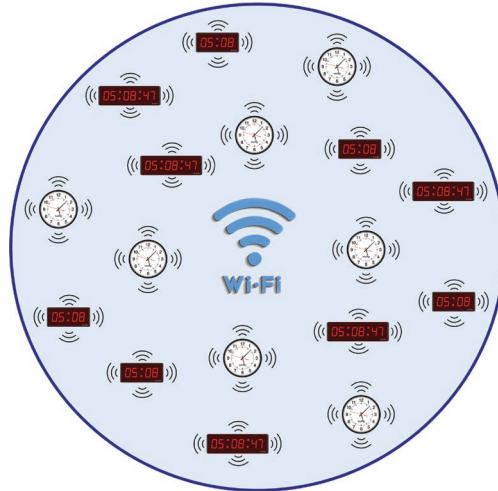
ip clock system

Sapling's IP PoE Clock System allows the end user total control over the entire system. Our IP PoE Clocks are powered by PoE (Power over Ethernet) and each clock has a web interface that allows the user to adjust the various settings on the clock such as 12/24 hour mode, domestic and international Daylight Saving Time, and brightness level. Receiving the time from an NTP time server or a master clock with a GPS Receiver ensures that each IP PoE clock will display the most accurate time possible.



wi-fi clock system

The Sapling Wi-Fi Clock System utilizes a facility's existing Wi-Fi infrastructure for an advanced and flexible solution. Available in a variety of power options, Wi-Fi Clocks may receive the time from an NTP time server or from any Sapling Master Clock. All Wi-Fi clocks are equipped with a built-in web interface that allows total control of each clock's settings. This user-friendly web interface makes setting the clocks quick and easy, and provides the user with diagnostic information, troubleshooting capabilities, and much more.



talkback technology™ wireless clock system

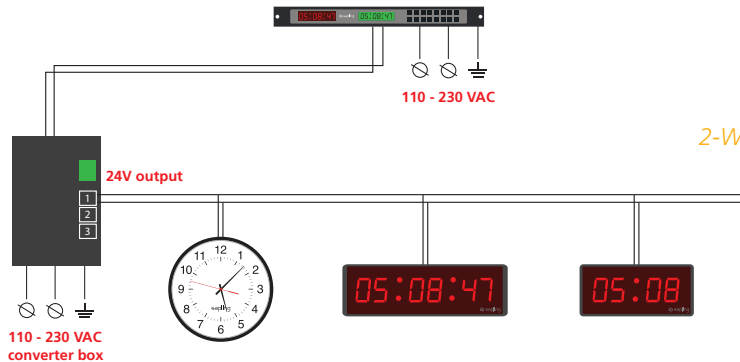
Operating in the same wireless manner as our Wireless Clock System, Sapling's TalkBack Technology™ Wireless Clock System includes our TalkBack Technology. This technology allows each clock to report its status back to the master clock. The report includes battery life, signal strength, mechanical and display alerts, and more. This system can also be set to send emails to the system administrator if any issues are reported by the clocks.



wired clock system

Whether installing in a new facility or retrofitting an existing one, Sapling offers three types of Wired Systems:

- **2-Wire Digital Communication** - This system operates on only two wires and is one of the most advanced wired systems in the industry (diagram shown below).
- **RS485 Wired System** - Each clock runs off of local power and receives the time signal as often as once per second, making certain each clock has the correct time.
- **Sync-Wire** - Within this wired system, the clocks are capable of working on a variety of voltages (24V, 115V or 230V) and can easily interface with pre-existing systems.



2-Wire System Diagram

master clocks

Sapling offers various models of master clocks in order to provide solutions to a wide range of application needs. Depending on the model, the master clock may be capable of taking accurate time via a GPS Receiver, controlling other systems at predetermined times, sending a countdown command to digital clocks in the system, or upgrading to become an NTP Server and providing NTP time to other IP devices in the facility.



quality

At Sapling, we pride ourselves on providing high quality products. The process of building the best possible clocks begins during the product design and parts procurement process. We consider details such as the electronic components for the clock 'brain' and the clock casing material for durability and safety. The dial is printed on a UV enhanced, anti-fading polystyrene material, the clock hands are constructed out of durable aluminum, and the crystal is made out of shatterproof polycarbonate.

We perform a 100% quality check on each and every clock that we build for both functionality and cosmetic issues. We test every single clock because we want our customers to have the most functional and reliable system possible.



customer service and support

Sapling provides many options for your next synchronized clock system. What system to install throughout a facility, what style of clocks, and what features to include in the system are just a few of the decisions that need to be made. This can be an overwhelming task and we want to help in any way possible.

Based on the information you provide, our knowledgeable team can help guide you through the process of installing and operating a synchronized clock system.

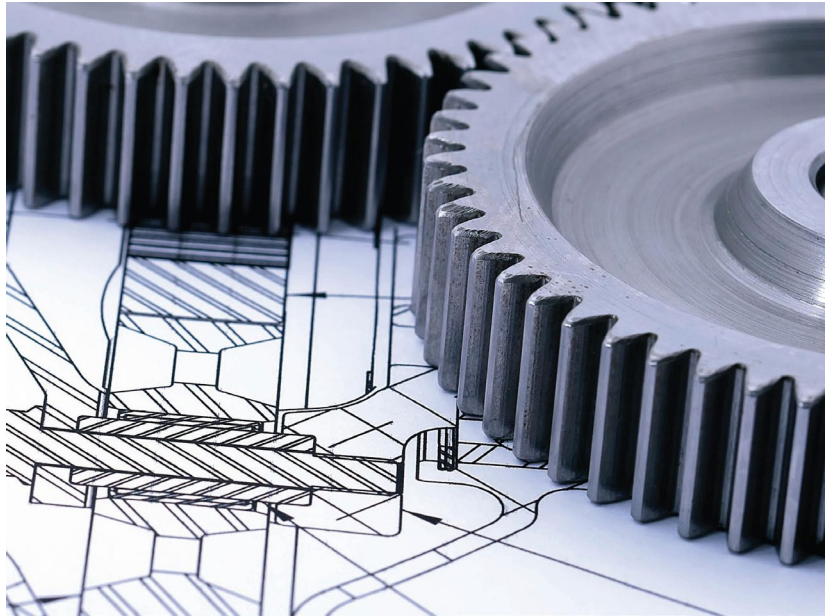


Since we design and assemble each product at our headquarters in Pennsylvania, we know the ins and outs of every single clock, including hardware, line of software, and clock packaging. If you need an answer about a specific system, clock, or software program, our technical support can assist you with any questions you may have. We do not rely on a third party company to provide us with information. Our experienced support team is entirely in-house and can offer answers down to the electronic board level.

engineering

Sapling has a team of in-house engineers that constantly work on adding features to our existing products as well as creating new products, so our customers have more options to choose from.

Our team constantly offers new technologically advanced systems that take into consideration the ease of system setup and installation. Sapling is also able to provide and design custom solutions for specific projects depending on the quantity of clocks needed for the project.



a word from our customers



"Our Elementary campuses have been struggling for years with trying to get a standardized time displayed throughout their schools. With Sapling clocks in place, that is all in the past. Thanks for the great product and support."

-Keith Thomsen | Technology Planner, Pinellas County School District

"We installed over 100 of the wireless synchronized clocks in our district two years ago and haven't had one single problem. They are mission critical, reliable and key to effective scheduling within the district."

-Richard Follmer | Technology Coordinator, North Hanover Township Schools

"The Wireless auto sync of Sapling clocks are very good. It is amazing that we put the transmitter on the 1st floor and the signal can be received from the 3rd floor to the Basement!"

-Carey Chow | Hong Kong Radio Station

"We would accept that your equipment will work as advertised and the main focus has been to establish confidence in Sapling as a supplier. We have dropped a few suppliers who offered the world but could not deliver on service. Sapling stood by their product and sorted issues and that is why I am happy to recommend your product to our customers whenever the situation warrants."

-Garth Ball | Jira New Zealand

sapling global

Sapling systems are proudly used in many facilities all over the world. With a worldwide network of dealers and system integrators that can offer installation services, buying a synchronized clock system has never been easier. Sapling systems are installed in key locations such as international airports, hospitals, healthcare establishments, schools, universities, and many others facilities. Your satisfaction is very important to us. Rest assured that our team is working hard to meet your expectations.

Please visit our website to learn more about our systems and products at:
www.sapling-inc.com

You can also review our product videos at:
<http://www.sapling-inc.com/video-library/>

Please also visit our international websites with video clips and brochures at:

English: www.pickaclock.com

Spanish: www.pickaclock.com/es

Arabic: www.pickaclock.com/ara

French: www.pickaclock.com/fr

Italian: www.pickaclock.com/it

German: www.pickaclock.com/deu

Polish: www.pickaclock.com/pl

Russian: www.pickaclock.com/ru

Turkish: www.pickaclock.com/tur

Hebrew: www.pickaclock.com/he

Portuguese: www.pickaclock.com/pob