

Sapling IP Monitoring Software



Sapling offers different types of synchronized clock systems to accommodate various project needs and facility infrastructures. Some users require the ability to remotely monitor all clocks in the system without the need to physically go to each and every clock and check its status. Sapling offers two clock systems that can provide the user with diagnostic information about the clocks. These two systems are: The Sapling TalkBack Wireless System and the Sapling IP Clock System.

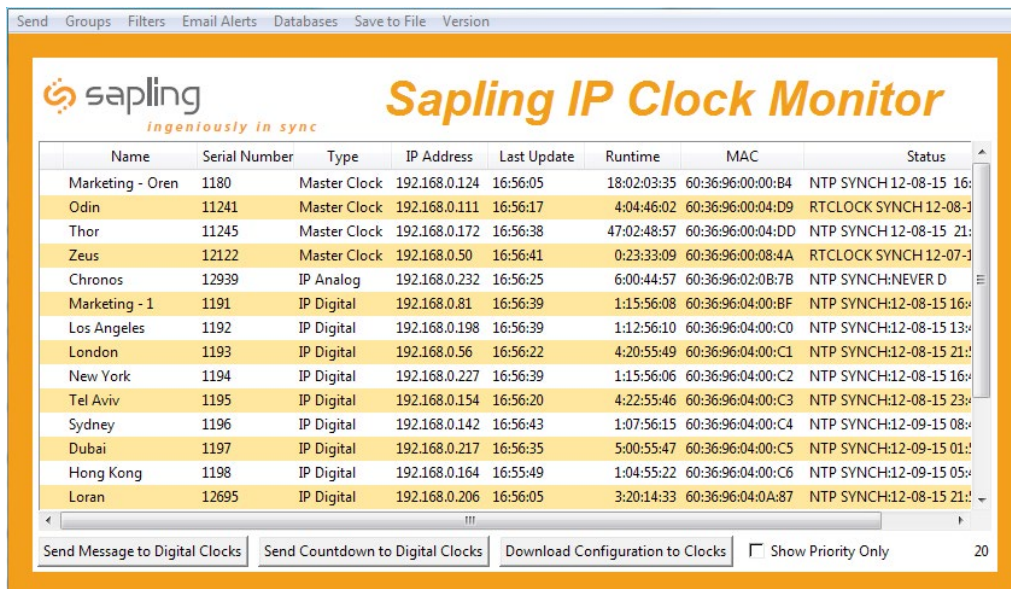
This brochure focuses on the Sapling IP Clock System and its advanced capabilities, including:

1. Built-In Web Interface – Each IP clock has a web interface built right in, allowing the user to set, control and monitor the IP clock.
2. Self-Diagnostic Capabilities - Each clock can perform self-diagnostics for various functionality testing.
3. Email Alerts – Get notifications when communication with an NTP server for synchronization has been lost or the clock restarts (after a power cycle or power down), all through email.
4. Server Synchronization Redundancy – Store up to 10 internal or external NTP/SNTP server addresses to ensure synchronization in the event that one of the servers fails to communicate.
5. Money Saving System – A Master Clock is only optional since each clock can receive the time data directly from the NTP/SNTP time source.

Sapling IP Clocks are provided with the Sapling IP Monitoring Software. The IP Monitoring Software allows the user to monitor and control all Sapling IP Clocks in the facility from the comfort of any computer on the same LAN.

Features of the IP Monitoring Software include:

- Detects, lists, and displays up-to-date information for all Sapling IP products on the network
- Links to each clock's built-in web interface for easy access
- Enables the user to copy the configuration of one clock to some or all of the clocks in the system for a simple setup
- Sends email alerts when an IP device does not broadcast to the IP Monitor within a user-configurable amount of time
- Allows the user to name, group, and prioritize clocks
- Arranges clocks by name, type, IP address, serial number, runtime, last update, or current status
- Enables the user to perform analog clock diagnostics at the press of a button
- Allows the user to send customizable messages to all or some digital clocks in the system
- Permits the user to utilize customizable real-time countdowns for all or some digital clocks in the system



Name	Serial Number	Type	IP Address	Last Update	Runtime	MAC	Status
Marketing - Oren	1180	Master Clock	192.168.0.124	16:56:05	18:02:03:35	60:36:96:00:00:B4	NTP SYNCH:12-08-15 16:56:05
Odin	11241	Master Clock	192.168.0.111	16:56:17	4:04:46:02	60:36:96:00:04:D9	RTCLK SYNCH:12-08-15 16:56:17
Thor	11245	Master Clock	192.168.0.172	16:56:38	47:02:48:57	60:36:96:00:04:DD	NTP SYNCH:12-08-15 16:56:38
Zeus	12122	Master Clock	192.168.0.50	16:56:41	0:23:33:09	60:36:96:00:08:4A	RTCLK SYNCH:12-07-15 16:56:41
Chronos	12939	IP Analog	192.168.0.232	16:56:25	6:00:44:57	60:36:96:02:08:7B	NTP SYNCH:NEVER D
Marketing - 1	1191	IP Digital	192.168.0.81	16:56:39	1:15:56:08	60:36:96:04:00:BF	NTP SYNCH:12-08-15 16:56:39
Los Angeles	1192	IP Digital	192.168.0.198	16:56:39	1:12:56:10	60:36:96:04:00:C0	NTP SYNCH:12-08-15 13:56:10
London	1193	IP Digital	192.168.0.56	16:56:22	4:20:55:49	60:36:96:04:00:C1	NTP SYNCH:12-08-15 21:56:22
New York	1194	IP Digital	192.168.0.227	16:56:39	1:15:56:06	60:36:96:04:00:C2	NTP SYNCH:12-08-15 16:56:06
Tel Aviv	1195	IP Digital	192.168.0.154	16:56:20	4:22:55:46	60:36:96:04:00:C3	NTP SYNCH:12-08-15 23:56:20
Sydney	1196	IP Digital	192.168.0.142	16:56:43	1:07:56:15	60:36:96:04:00:C4	NTP SYNCH:12-09-15 08:56:15
Dubai	1197	IP Digital	192.168.0.217	16:56:35	5:00:55:47	60:36:96:04:00:C5	NTP SYNCH:12-09-15 01:56:35
Hong Kong	1198	IP Digital	192.168.0.164	16:55:49	1:04:55:22	60:36:96:04:00:C6	NTP SYNCH:12-09-15 05:55:22
Loran	12695	IP Digital	192.168.0.206	16:56:05	3:20:14:33	60:36:96:04:0A:87	NTP SYNCH:12-08-15 21:56:05

Remotely monitoring a synchronized clock system has never been easier with the Sapling IP Monitoring Software. With the capability to display the status of each clock, send email alerts, the IP Monitoring Software is an easy-to-use and invaluable resource for overseeing a synchronized clock system. For more information about the Sapling IP Clock System and the Sapling IP Monitoring Software, please contact your dedicated Sapling representative.