

*Events Happen...*  
*(in milliseconds)*

I ♥ 1588<sup>SM</sup>



**CyTime™**  
Sequence of Events Recorder

### Power monitoring at the speed of *NOW!*

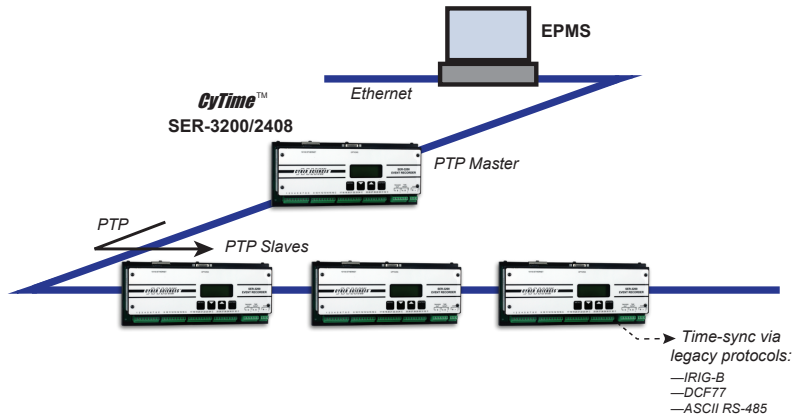
Precision Time Protocol (PTP), per IEEE 1588, enables 1-ms time-sync over Ethernet. Diagnose root cause, verify control schemes operate as designed, identify slow breakers before they increase arc flash hazard.

Download our 20-page white paper on PTP and you'll ♥ 1588 too:

**CYBER SCIENCES™**

[www.cyber-sciences.com/now](http://www.cyber-sciences.com/now)

**CyTime™ Sequence of Events Recorders** are an essential part of an Electrical Power Monitoring System (EPMS). High-speed digital I/O (32) monitor the status of circuit breakers, relays, generators, or UPS equipment. PTP (per IEEE 1588) enables automatic time synchronization over Ethernet to 1 ms. Specifically, Cyber Sciences proposes the “Simple PTP” profile (SPTP), which achieves hi-res time sync without special Ethernet switches. Have relays and meters that don’t support PTP yet? No problem. An SER-3200/2408 can accept PTP, then output the legacy protocol required.



Let us help with your next power monitoring project:

**FREE**—design assistance for Sequence of Events Recording systems

**FREE**—online technical library and training courses, 24/7

**FREE**—responsive tech support via email, phone or fax

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## For More Info...

### INTRODUCTION

- PTP-Enabled SER Presentation
- PTP-Enabled SER Data Sheet
- CyTime SER-3200/2408 Data Sheet

### INSTRUCTION BULLETINS

- CyTime User's Guide
- CyTime Reference Guide

### TECH NOTES (White Papers)

- PTP-Enabled Hi-Res Time-Sync
- Measuring Breaker Opening Times
- Legacy Time Codes (e.g., IRIG-B)

### LEARNING

- Online Demo
- Online Technical Training
- AngryMoles or SockMonkey games  
(Exciting games to illustrate SER)

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Precision Timing for Reliable Power. **Enabled.™**