

## RELEASE NOTES

CyTime SER-3200 Event Recorder  
(Time / Event / System processor firmware)

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### Version 1.51 (1.10 / 1.01 / 1.51)

09-Apr-2011

- Corrected malfunction discovered in Setup - Admin web page (inadvertently introduced in 1.50).
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### Version 1.50 (1.10 / 1.01 / 1.50)

26-Mar-2012

- Added DCF77 and SER inter-device (DCF77) time sources.
  - Added support for SDHC cards up to 32GB (added higher scale factor in Modbus register map).
  - Added reporting of TCP sockets (total available, used and free) to local LCD display and Diagnostics web page.
  - Added "Enable/disable" check boxes in header of Inputs Setup web page for usability purposes.
  - Added capacity for 12 additional TCP connections (to 44 total).
  - Increased Modbus TCP connections to 32, max.
  - Added utility (or "mailbox") registers for customer use. (Modbus read/write registers 415800 to 415999.)
  - Deleted viewing options of 16- and 32-events-per-page (new default = 100) to the Monitoring-Events page.
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### Version 1.30 (1.07 / 1.00 / 1.30)

24-Jan-2012

- Added support for (external) SERintegrator database utility/service.
  - Adjusted brown-out threshold for optimal performance during repeated control power failure events.
  - Changed internal mechanism for events to dramatically improve event retrieval performance of Events web page.
  - Optimized TCP socket management to prevent negative file descriptors (invalid sockets) to be counted as active.
  - Changed to "enable" event recording of each input by default.
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### Version 1.10 (1.06 / 1.00 / 1.10)

29-Jun-2011

- Added time-source option for time sync via NTP time server, with user-selectable NTP polling interval and IP addresses for primary/secondary NTP time servers.
  - Added time-source option for manual time set (when no time reference available—such as demo or testing).
  - Added events for NTP time sync/fail (events 20, 21) and manual time set (event 14).
  - Changed XMLSocket TCP port (used by Flash Player) from 10000 to 8080, to facilitate access through firewalls.
  - Changed DHCP mode to report user-configured device name to DHCP server for identification in its device table.
  - Added duplicate registers (400253 to 400257) for selected time data to allow access as a contiguous block.
  - Added a viewing option of 16-events-per-page (new default value) to the Monitoring-Events page.
  - Adjusted header and syntax for 100% compliance to XHTML 1.0 doctype and to ensure proper display in IE9.
  - Made several minor usability and aesthetic improvements.
  - Revised XML setup file structure to support new features.
  - Updated instruction bulletins (new User's Guide Addendum and revised Reference Guide) to reflect all changes.
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### Version 1.04 (1.04 / 1.00 / 1.04)

02-Mar-2011

- Update for manufacturing purposes only—added code to detect alternate suppliers for certain parts.  
(*Not needed for units with DOM of Dec-2010 or earlier.*)
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### Version 1.04 (1.03 / 1.00 / 1.04)

04-Nov-2010

- Corrected problem with multiple ftp sessions exceeding normal limit of five (5) when using Windows Explorer.
  - Corrected problem with reported year when using SER inter-device time sync as time source.
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### Version 1.03 (1.02 / 1.00 / 1.03)

27-Oct-2010

- Corrected web page display problem when viewed with IE6.
- Corrected a timing issue with test mode that could introduce Modbus comms delays under certain circumstances.
- Corrected an error with compatibility mode in which the number of events was not reset to 0 after final read.

## **RELEASE NOTES (cont.)**

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### **Version 1.02 (1.02 / 1.00 / 1.02)**

05-Oct-2010

- Improved response times for Ethernet Modbus TCP/IP interface.
  - Corrected an error with time source display (for SER inter-device).
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### **Version 1.01 (1.01 / 1.00 / 1.01)**

15-Sep-2010

- Corrected an error with the year for certain dates beyond 2010.
  - Corrected a spelling error on setup page.
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### **Version 1.00 (1.00 / 1.00 / 1.00)**

30-Aug-2010

- Initial release.