Driver for Linux kernel 2.x.x Release Notes

Version: v2.0  Build: 19090215
Release Date: Dec 31, 2019

Applicable Products

Supported Operating Systems
Linux Kernel 2.4.x, Linux Kernel 2.6.x

New Features
- Supports PC104 communication module in CA-104, CA-132, CA-132I, CA-108, CA-114, and CA-134I.

Enhancements
N/A

Bugs Fixed
- The msdiag utility fails to get correct board information when multiple boards are installed.
- When CONFIG_DEBUG_ATOMIC_SLEEP is enabled, closing tty ports might cause system crash.
- Race condition issue when users access CPLD with multi-thread.
- Real-time Linux read/write operations may cause kernel errors and incorrect data being received/sent.
- Terminator initialization error in CP-114EL.
- Rx interrupt counter is incorrect.
- When PCIe cards are used, Tx flush may cause incorrect data to be sent.

Changes
- Enables the CLOCAL parameter by default when opening a port for a non-RS-232 interface.
- The modem status CTS, DSR, and DCD are set to ON by default for a non-RS-232 interface.

Notes
- This independent driver version 2.0 is branched from v1.16 to support Linux kernel 2.4.x and Linux kernel 2.6.x.
Applicable Products
N/A

Supported Operating Systems
Linux 2.4.x, Linux 2.6.x, Linux 3.x

New Features
• Supports kernel versions up to 3.11.0.

Enhancements
N/A

Bugs Fixed
• The PCIe modules now support disable FIFO.
• Fixed the size problem of ioctl 'TIOCSERGETLSR' in 64-bit kernel.
• The serial settings are not set when the serial port is opened.
• Fixed the prototype of IOCTL operation being declared improperly in Linux kernel 3.x.
• Fixed system crashes when an application calls ioctl() with TIOCMIWA.

Changes
N/A

Notes
N/A