Driver for Linux kernel 2.x.x Release Notes

<table>
<thead>
<tr>
<th>Version:</th>
<th>v2.0</th>
<th>Build:</th>
<th>19090215</th>
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<tr>
<td>Release Date:</td>
<td>Dec 31, 2019</td>
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**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