FIRMWARE RELEASE NOTES

Model	Chameleon CTM-15X modem
Revision:	Firmware R1.2.1 Revision 1.0

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1 Revision Control

Description	Revision	Date
Customer Release	Firmware R1.2.1 Rev 1.0	August-2009

2 Firmware Release Notes for the CTM-15X Modem (R1.2.1)

This release note provides an overview of the features in the CTM-15x embedded firmware release.

2.1 R1.2.1 Changes

2.1.1 New Features

- On board support for Sierra Wireless cards with TRU-Install(TM) feature. TRU-Install(TM) no longer needs to be deactivated before installing wireless module.
- Data counting mechanism for monitoring the amount of data sent via the wireless link. Reports can be triggered when a user specified data threshold has been met. See data, datacond, datareport.
- Added a new message types for reporting wireless data traffic: NMEA message type 31 and ULCP message type 92

- Integrated support for Swipe Card readers connected via the modem serial interface. This includes a stored "valid ID" list for access control and the ability to remotely manage the ID list. Also added was the ability to load custom scripts to control output state based on card validity. See cardlistload, cardlistsave, cardlistclear, cardlockload, cardunlockload
- Increased capacity for specific reports to send more than one report. See boomreport, datareport, pendantreport, saltreport, swipereport
- Added MODBUS functionality to support multiple serial slave devices and for backward compatibility with single serial slave configurations. See modbusadd
- Added new command cmd ctm15x to enable a reset of protected values in specific commands data, ethernet, enghours, and odometer

2.1.2 Fixes

- Fixes for network watchdog issues
- Fix for setting default modem ID value
- Fix for GPS driver
- Fixes for RLN GPS TAIP LN message type 101 and reporting of TAIP messages to serial port
- Fix for MODBUS slave gateway to support write multiple registers (function code 0x10) with maximum number of 123 registers
- Fixes for issues when running CTM15x modem as a MODBUS slave
- Fix for showconfig displaying ping configuration twice

2.1.3 Notes

- This version of firmware is only for modems with factory serial numbers(S/N) beginning in CTM152C… , and CTM152E… and later. The factory serial number is located on the top front face of the modem. If you have modem(s) with a serial number different than those listed and wish to upgrade, please contact Cypress Solutions.
- The half-bridge mode feature configured through the **modemmode** command is not supported in this release. Please contact Cypress Solutions for more information.

3 Technical Support/Warranty:

Cypress Solutions Service Support Group
1.877.985.2878 or 604.294.4465
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