



Firmware Release Notes

Model	CTM-ONE
Version	1.3.8

Version 1.3.8

Release Date

- Apr 12, 2022

Features and Improvements

- 4-hour WAKEUP mode is now changed to 24 hours and now allows for cell connection and reporting during WAKEUP state
- Added persistent pulse counting
- Checks Cypress IOT for jobs sooner after job completion
- Vehicle ignition can now be calculated without enabling suspend on vehicle ignition
- Improved Cypress VUE report connection logic
- Improved Web UI response time
- Improved vehicle idling logic

Bug Fixes

- Fixed NAT preventing IPSec tunnels from working
- Fixed serial properly applying serial port settings
- Fixed PAD mode client connection detection
- Fixed not immediately reporting IP change to Cypress IOT

Version 1.3.7

Release Date

- Oct 15, 2021

Features and Improvements

- Added BTVEG message
- Added port forwarding from WLAN to LAN

- Added Telnet support for legacy applications
- Added support for 4 VUE/Remote report destinations
- Added Transit UCI file to FW image
- Improved configs save form validation speed

Bug Fixes

- Fixed Wi-Fi client traffic not SNAT-ed
 - Fixed to trim leading and trailing whitespace from Telnet login username
-

Version 1.3.6

Release Date

- Aug 31, 2021

Features and Improvements

- Added MODBUS support
- Added BT_BLE_COUNT sysdb key

Bug Fixes

- Fixed handling long triggering event string
 - Fixed ql-dialer resource leak
 - Fixed unbalanced GPIO interrupt configuration
-

Version 1.3.5

Release Date

- Jun 10, 2021

Features and Improvements

- Added WiFi Client support
- Added multi-WAN DNS handling
- Added local serial reporting
- Added local UDP/TCP reporting
- Added \$GPGGA, \$GPGSA, \$GPGSV, \$GPRMC, \$PCTM, \$PMID, TAIP messages
- Added CAN ID filtering
- Added ability to reboot device via web UI
- Added ARP utility
- Improved various web UI components
- Improved password backup/restore sequence
- Updated default GATT file

Bug Fixes

- Fixed SNF size check
- Fixed starting CAN in silent mode
- Fixed static routes for wwan0

Version 1.3.4

Release Date

- Apr 1, 2021

Features and Improvements

- Added CAN API for app_platform
- Added CAN back-off time
- Added VEH_IDLING detection
- Extended BLE support and sysdb key set
- Extended GATT support and sysdb key set
- Extended CAN sysdb key set
- Improved how VEN_IGN is calculated

- Improved CAN autodetection algorithm
- Updated posix-ipc to 1.0.5 for latest/last python2.7 support
- Made VEH_RATESPD configurable
- Most VEH_sysdb keys will now expire

Bug Fixes

- Some PAD reliability updates were added
 - Some CAN error detection and suspending reliability updates were added
 - Some report reliability updates were added
-

Version 1.3.3

Release Date

- Nov 16, 2020

Features and Improvements

- None

Bug Fixes

- Only change from 1.3.2 is a fix to CAN connection timeouts
-

Version 1.3.2

Release Date

- Oct 15, 2020
-

Features and Improvements

- Support to edit APP configs were added. (note install and uninstall of apps is still manual)
- Added support for OCC
- Added Verizon dialer support
- GATT Diagnostics were added.

Bug Fixes

- Some GPS reliability updates were added
-

Version 1.3.1

Release Date

- Jun 23, 2020

Features and Improvements

- Works with IOT 1.3.1 and greater.
- Supports basic config validation
- Supports config migration going forward.
 - This means that going forward firmware versions greater than 1.3.1 can be upgraded and downgraded if they stay at 1.3.1 or greater.
- Dialup emulation PAD mode is now supported

Bug Fixes

- Some minor updates for FW stability

Version 1.2.4

Release Date

- May 14, 2020

Features and Improvements

- Harsh Driving Basic feature added
- A-GPS functionality added
- Hash checks done when comparing configs between IOT and Device

Bug Fixes

- Some minor updates for FW stability and GPS stability
-

Version 1.1.9

Release Date

- Nov 8, 2019

Features and Improvements

- Support selecting APP startup at boot time.
- Added ignition key to be used in GPSTGate
- Added faster GPS lock times using XTRA.

Bug Fixes

- Fix battery report to be 0% rather than N/A when batter is drained.
 - Fix PAD to work with all baud rates.
 - Fixed SNF failures.
-

Version 1.1.6

Release Date

- Sep 26, 2019

Features and Improvements

- Apps can access GPIO pins. Opening the door to fast feature roll-out of customer specific external control requests.
- Support reporting of On Command Connect (OCC) keys.

Bug Fixes

- Cellular connection delays are fixed.
 - Configuration of network interfaces is now stable.
-

Version 1.1.4

Release Date

- Aug 30, 2019

Features and Improvements

- Allow pass fail response from jobs sent by Cypress IOT.
- Allow internal data to be sent out as full NMEA strings
- GPS, IO, and System data reporting to GPS Gate and Cypress IOT.
- WIFI Hot spot.
- IPSec tunneling support.

Bug Fixes

- None
-

Version 1.0.2

Release Date

- Initial release

Features and Improvements

- Basic connectivity

Bug Fixes

- None

Technical Support

**Cypress Solutions Service
Support Group**

1.877.985.2878 or 1.604.294.4465
9.00am to 5.00pm PST
support@cypress.bc.ca