AEP 1.7.4 (05/09/2019)

Bug Fixes

- In MTCDT AEP 1.7.3, it was identified that when the Ethernet cable was unplugged and plugged back in, the IP address would revert to the factory default setting (192.168.2.1) instead of the customer-defined IP address. This issue has been corrected.

- In MTCDT AEP 1.7.3, gpsctl occasionally fails to initialize the GPS module, so GPS information is not consistently sent. This has been corrected by downgrading gspd to an earlier and more reliable version (3.16) while continuing to use 3.18.1 libraries.

AEP 1.7.3 (04/18/2019)

Changes

- Changes were made to reduce noise during bootstrap, bootloader (u-boot), and kernel device tree on pins connected to the usb hub and GNNS module.

AEP 1.7.2 (03/15/2019)

Changes

- The LoRa Network Server has been updated to version 2.2.18.
- The LoRa v2.1 AES key is set by network server for accessing fine-timestamps for geolocation

Bug Fixes

- Fix: LoRaWAN Network Server – Send correct Channel Mask in first downlink for AU/US

1.7.0 (02/27/2019)

Changes

- The LoRa Network Server has been updated to version 2.2.6.

- The GPS functionality has been re-architected for better performance and consistency.

- Configurations downloaded from the device now no longer contain the AppManager.json file. That behavior was found to be problematic, causing App versions to possibly be incorrect.

- A radio reboot feature has been added to reboot the radio when ppp has been unable to connect after all backoff timers have been exercised or ping/tcp connect has failed for ~2 hrs.

- Custom Apps install was enhanced: back up the current app if one exists, and restore it if the new app install fails.

- Support for the MTAC-XDOT card has been added.

- LoRa: Dual Card Support has been added.

- LoRa: RU864 (864- 870 MHz)

- LoRa: Class B support

- LoRa: Class C Multicast

Bug Fixes

- The ICCID on the Radio Status Page has been added back in.

- Radio switching between AT&T and Verizon on the MTCAP models with the LNA3 radio has been fixed.

- A number of help links in the Web UI have been fixed including SMS Configuration.

- Custom Apps: Fixed a race condition between restoring Custom Applications and reboot in User-Defined-Defaults restore.

- SMS issues with international numbers have been fixed.

Known Issues

- LoRaWAN Network Server – US/AU channel plan sends ADR MAC command in first downlink after join that disables all channels. Devices that do not reject it will be silenced. mDot/xDot 3.1.0 with ADR disabled accepts the channel mask and is affected. (Update is pending to repair)