ALEOS 4.4.4 Release Notes

The ALEOS 4.4.4 release is for the AirLink GX400, GX440, ES440, and LS300. Refer to the ALEOS Software Configuration User Guide for update instructions.

New Feature

AT Commands

Added AT Command options for configuring the Device PPP IP and Host PPP IP (also configurable in ACEmanager on the Serial > Port Configuration screen):

- AT*DEVPPP to query or set the gateway's PPP IP address
- AT*HOSTPPP to query or set the host's PPP IP address

Added support for Serial Line Internet Protocol (SLIP)

Bug Fixes

Common Vulnerabilities and Exposures (CVE®)

Updated the firmware to mitigate possible issues related to CVE-2014-3566 and CVE-2014-8730, aka "Poodle"

Disabled the RC4 cipher algorithm and enabled DHE and ECDHE to mitigate possible issues related to CVE-2013-2566

Security

Upgraded certificate signature algorithm to SHA-256, increased key size to 2048, and added alternative names to mitigate the name mismatch error

GPS

The GPGGA and GPRMC for IP NMEA reports are now guaranteed to be from the same timestamp when the GPS has a fix.

ALEOS Application Framework (AAF)

ALEOS Application Framework applications can now use SNMP executables to do custom SNMP requests.

Added SSL socket support to ALEOS Application Framework and fixed various issues

Fixed an issue with the AirLink GX400 related to a specific AAF application designed to generate ping traffic from the gateway

Miscellaneous

TCP PAD mode idle timer now starts when PAD connection is established even if no PAD data is sent or received.