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Document Revision History

Date	Description	Author	Version
20 FEB 2026	Initial Release	M. Golob	00.00.01
04 AUG 2026	Feature improvements	M. Golob	00.00.02
02 NOV 2026	Feature Improvements	M. Golob	00.00.03

Sign-Off

		Signature	Date
Marketing	☐		
Operations	☐		
Purchasing	☐		
Engineering	☒		
Customer	☐		

Distribution

- CEO ☐
- Admin ☐
- Engineering ☐
- Marketing ☐
- Operations ☐
- Purchasing ☐

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TABLE OF CONTENTS

1. DESCRIPTION 3
2. SOURCE 3
3. VERSIONS 3
   3.1 V00.00.01 3
   3.2 V00.00.02 3
   3.3 V00.00.03 3

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1. DESCRIPTION

Firmware for the epSDK example projects.

The following example projects are provided with the epSDK:

- Blinky: Repository
- epConnectedAsset: Repository
- epConnectedEquipment: Repository
- epConnectedSensor: Repository
- epConnectedVehicle: Repository

The project repositories contain the source code for the application, hex file for bootloader and hex file for NRF Softdevice. When the epSDK library is purchased, the EP provided static library shall be placed in the libFileHeaders folder of the repository.

2. SOURCE

The source code used to generate the libraries is located here:

EmbeddedPlanet/epSDK-Library-Generation-FreeRTOS-Agora52

The public repo projects are located here:

EmbeddedPlanet/epSDK-Example-Blinky

EmbeddedPlanet/epSDK-Example-Connected-Vehicle

EmbeddedPlanet/epSDK-Example-Connected-Sensor

EmbeddedPlanet/epSDK-Example-Connected-Equipment

EmbeddedPlanet/epSDK-Example-Connected-Asset

3. VERSIONS

3.1 V00.00.01

Initial release version.

3.2 V00.00.02

Bug fixes and enhancements. Added the following features:

- Support for Azure IoT Hub over HTTP and MQTT
- Support for MQTT with TLS using anonymous, Azure SaS tokens, or x509
- Support for regenerating Azure SaS tokens periodically
- Support for MQTT with persistent and non-persistent connections
- Global Terrestrial Positioning (GTP) to use as an additional method for a location fix along with GNSS
- GNSS timeout when minimum number of satellites not met

3.3 V00.00.03

Bug fixes and enhancements. Added the following features:

- EP Compact Payload updates
- Reduced HTTP FUOTA time
- Reduced power consumption during sleep
- Ensuring cell socket is open and configured before attempting NTP time sync
- Adding content type header to HTTPs packets

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- Adding BME680 sleep functionality
- General improvements

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