# RN0146

Release note

# ST87Mxx easy connect library

## Introduction

This document contains the release notes for the ST87Mxx easy connect library software. The purpose of this document is to illustrate the content of the packages, the changes included in each release and any known issues and limitations.

# 1 Reference documents

Table 1. **Reference documents content list**

| Reference | Document |
|---|---|
| [1] | EVKITST87M01-1 User Manual (see www.st.com) |
| [2] | SLA0105 software license agreement (see www.st.com) |

# 2 Contents

The package contains the following items:

**Table 2. Content list**

| | | |
|---|---|---|
| This release note | ST87MXX_EC_Lib_SW_Release_Note.pdf | V1 |
| Software license agreement | SLA0105 | V1 |
| EC Lib software package | STSW-ST87ECLIB | V1.8 |

# 3 Features

This software delivery supports the following features:

**Table 3. Feature list**

| | |
|---|---|
| System | EC Lib Framework, Firmware Loader, AT command API, TLS provisioning |
| Positioning | GNSS, Wi-Fi positioning |
| NBIOT | UDP, TCP, MQTT, CoAP, HTTP, HTTPS, LwM2M |
| Other RF communication | WMBUS |

# 4 Changes

This is the EC Lib SW V1.8 release for the customer.

Main improvements are:

- LwM2M feature implementation
- MQTT Subscribe feature implementation
- addition of the secure part for UDP and TCP data transfers
- various improvements and bug fixes

# 5 Known issues and limitations

**Table 4. Known issues**

| Feature | Description |
|---|---|
| | None |

**Table 5. Known limitations**

| Title | Description |
|---|---|
| | None |

# 6 Errata

None.

# 7 Supported devices and evaluation boards

ST87M01 EC Lib SW 1.8 supports the following boards:

- EVKITST87M01-1 and EVKITST87M01-2 ST87M01 Evaluation Kits

# 8 License

This software package for ST87Mxx EC Lib can only be obtained by accepting the SLA0105 SLA.

## Revision history

Table 6. **Document revision history**

| Date | Version | Changes |
|---|---|---|
| 04-Sep-2025 | 1 | Initial release. |
| 28-Oct-2025 | 2 | Second release for version 1.8 |

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