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| SecuRemote Smart Release Notes – Android App |
| Version 01.02.01 |



**Revision History**

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| --- | --- | --- | --- |
| **Version #** | **Remark** | **Date** | **Done By** |
| 01.01.10 | Release notes details of Android app version 01.01.10 | 09/07/15 | Paresh |
| 01.01.11 | Release notes details of Android app version 01.01.11(Samsung S6 connection issue resolved) | 21/07/15 | Paresh |
| 01.02.01 | Release notes details of Android app version 01.02.01 | 31/08/15 | Paresh |
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# Introduction

This document provides overview of the SR Smart mobile application new features, enhancements, bug fixes and performance improvements.

# Definition(s) and Abbreviation(s)

|  |  |
| --- | --- |
| **Name** | **Abbreviation** |
| SRP | SecuRemote online portal |
| SR Smart | SecuRemote Smart |
| SR Device | SecuRemote Device |
| Dev-Kit | SecuRemote Development Kit |
| App Version | It is displayed in Home Screen of SR Smart App |
| Build Version | It is displayed in Help Section of SR Smart App |

# App Version Details and Documents

|  |  |
| --- | --- |
| **Name** | **Description** |
| Release Date | 01/08/2015 |
| App Version | 01.02.01 |
| Build Version | 01.02.01 |
| Help Version | 01.01.08 – [SR Smart Help Document](https://github.com/DelphianSystems/SecuRemote/blob/master/SR%20Smart%20Help/) |
| User Manual | [SR Devices User Manuals Documents](https://github.com/DelphianSystems/SecuRemote/blob/master/User%20Manual/) |
| Quick Start Guide | [Quick Start Guide Documents](https://github.com/DelphianSystems/SecuRemote/blob/master/Quick%20Start%20Guide/) |
| Android OS Compatibility | Android OS 4.3 and above for all devices having BLE support. It supports only portrait orientation. |
| IOS App URL | <https://play.google.com/store/apps/details?id=com.belwith.securemotesmartapp> |
| Language | English |

# Supported SR Devices

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Description of supported versions** | | | | | | | |
| RAS 2.0(Smart Deadbolt) | BLE App firmware version | | BLE Boot loader version | | | | Hardware version | |
| 05.01.01 with EPROM | | 01.01.02 with EPROM | | | | 03.03.02 with EPROM | |
| 04.01.08 without EPROM | | 01.01.01 without EPROM | | | | 03.01.03 without EPROM | |
| Keeler OLD Hardware | BLE App firmware version | BLE Boot loader version | | BLE Soft device version | | MSP430 (Audio) version | | Hardware version |
| 02.01.03 | 01.01.02 | | S310 v01.00.00 | | 02.01.02 | | 01.02.03 |
| Keeler New Hardware | BLE App firmware version | BLE Boot loader version | | BLE Soft device version | | Hardware version | | |
| 03.01.03 | 02.01.01 | | S310 v01.00.00 | | 01.02.03 | | |
| GDO | BLE Controller (BLE) | | Nordic Controller (NWC) | | | | Hardware version | |
| 01.01.12 | | 02.01.03 | | | | 01.01.04 | |
| SR Bridge | BLE Controller (BLE) | | | | Nordic Controller (NWC) | | | |
| 01.01.02 | | | | 02.01.03 | | | |
| Keyfob | Keyfob (02.01.09) | | | | | | | |
| SR Development Kit | Dev-kit (04.01.05) | | | | | | | |

# Release Features

## Add Support for New Keeler Hardware

This feature will allow user to use new keeler SR Device with new hardware. Audio sound will be integrated in mobile app while operations like locking, unlocking, low battery, deadbolt jammed etc.

## On Line FAQ

This feature will provide online FAQ. Go to Help-> FAQ link to see online FAQ section.

## Firmware Upgrade in Single Click

This feature will upgrade your SR Device’s firmware directly from server in single click. Now user does not need to select file manually to upgrade the device’s firmware.

## Remember Me Option

This feature will save user’s email id and password. It will not ask user again until log out from the app.

## Confirm Password

This feature will ask user to verify password entered. It will make sure user has typed the correct password as per choice. It will be verify with confirm password field next to actual password field.

## Submit an Issue

This feature will allow user to send mobile device log to developer team. Developer can easily debug the issue by verifying the log and provide solution to user.

## Initial Padlock support

This feature will allow user to add Padlock device and perform its operations and features.

## SR Bridge Listing on Devices Screen

This feature will allow user to see SR Bridges added in their account. You can do firmware upgrade using settings of SR Bridge. User can also see various information of SR Bridge in setting screen.

## Firmware Upgrade of SR Bridge using SR Smart App

This feature will upgrade your SR Bridge’s firmware directly from server in single click. Now user does not need to upgrade firmware of SR bridge manually.

## Device Diagnostics

This feature will allow user to debug problem or issue during any operation with SR Device. User will have all the details of information to debug which helps developer to resolve it.

## Battery Information

This feature will allow user to see SR Device’s battery information’s like status, operations performed, remaining battery life etc.

## Pop up messages updated

Messages and alerts are updated. Alias name will be displayed instead of generic name like SR Device.

# Enhancements

## Choose Existing Account Flow

User will have facility to store their email id and password for future use. Now email id and password will be auto-populated if user has selected “Remember Me” option enabled.

## Settings Screen Flow

User will have separate settings for SR Device, App Settings. Audit Trail, Delete SR Device, Log out options is added in the settings screen separately.

## Guest User rights

Guest user is also can perform any admin task if having correct admin credentials.

## Remove Admin PIN

Admin PIN feature is removed from the app. It will ask admin credentials for any admin operation required. Admin will be authorized from server.

## Device Diagnostics for GDO

User will have new indications like Cellular Module State and Signal Strength (Air Plane mode and Turn OFF).

## Firmware Upgrade as new SDK 07.02

Latest SDK from Nordic is used for firmware upgrade option.

# Bug Fixes

## Bug # 01 (Customer/Field Bug)

Samsung S6 could not connect with any SR Device.

## Bug # 1744

Mobile cannot read local read audit trail from GDO Device.

## Bug # 1821

It should display warning message if close operation is in progress and user tries to execute “open” request within 5 seconds from “close” operation.

## Bug # 1546

Firmware upgrade feature is not working in Galaxy S4 Smartphone (Lollipop 5.0.1).

## Bug # 1554

User cannot start firmware upgrade again if the user has clicked on cancel button during earlier process.

## Bug # 1860

App Crash - when a user clicks on “Status All” button, and during the operation if a new device is added in user’s account through background thread.

## Bug # 1872

Remote Mode - if user PIN feature is enabled then Mobile performs unlock operation instead of lock operation.

## Bug # 1796

When a user clicks on “Status All” button, if a RAS device is in device listing then it performs unlock operation from lock state. It is generated sometimes.

## Bug # 1779

“Delete SR Device” is not visible in case of multiple admin account in single mobile device.

## Bug # 1905

While upgrading Firmware the User must be prompted for admin details (email id and password). It should not prompt for Admin PIN.

# Known Issues and Problems

## Issue # 1

Sometime App will generate “There was a general failure while attempting the operation” Error. This error is generated from SR Server.

**Workaround**

Wait for 5-10 minutes and try again. If problem persists, add/remove new sr device or mobile device in your existing sr account.

## Issue # 2

App is having BLE stack issue while performing any command. It will give BLE

Stack error pop up if there will be any problem in read/write characteristics.

**Workaround**

Wait for few minutes and try again. It may possible your Bluetooth is stuck, so please turn ON/OFF Bluetooth.

<https://atmosphere.anaren.com/wiki/Android_Issues_With_Bluetooth_Low_Energy> <https://source.android.com/source/build-numbers.html>

<https://code.google.com/p/android/issues/detail?id=82293>

<http://stackoverflow.com/questions/27169024/android-lollipop-5-0-bluetooth-low-energy-central-roles-bad-performance>

<http://www.gottabemobile.com/2014/12/01/nexus-lollipop-problems-fixes/>

<http://stackoverflow.com/questions/27111309/decreased-ble-startscan-detected-devices-on-android-5-0-lollipop/27113787>