# Table of Contents

# Version 2.7.0 (V2.7.0.0)

## Date

2020-07-21

## New Features

- Supports XPass D2 Revision, XPass D2 Keypad Revision
- Supports lift lock/unlock zone features based on schedule
- Supports User phrase (Private message) feature on the server
- Supports Global APB By Door Open

1. Device XPass D2 Revision, XPass D2 Keypad Revision are supported.

2. Lift lock/unlock zone which works based on schedules regardless of access group is supported.

- Refer to structure BS2LiftFloors
- Refer to structure BS2LiftLockUnlockZone
- Refer to API BS2_GetLiftLockUnlockZone
- Refer to API BS2_GetAllLiftLockUnlockZone
- Refer to API BS2_GetLiftLockUnlockZoneStatus
- Refer to API BS2_GetAllLiftLockUnlockZoneStatus
- Refer to API BS2_SetLiftLockUnlockZone
- Refer to API BS2_SetLiftLockUnlockZoneAlarm
- Refer to API BS2_RemoveLiftLockUnlockZone
- Refer to API BS2_RemoveAllLiftLockUnlockZone

3. User phrase feature that you can request the user phrase(private message) to the server is supported.

- Refer to structure BS2DisplayConfig
- Refer to API BS2_SetUserPhraseHandler
- Refer to API BS2_ResponseUserPhrase

4. Global APB By Door Open is supported.
Global APB By Door Open has two steps; i) User authentication ii) Actual access based on the door sensor
You can figure out the user who actually doesn't go in even after successful authentication and the door unlock using this feature.

- Refer to structure BS2DoorSensor
- Refer to API BS2_SetGlobalAPBViolationByDoorOpenHandler
- Refer to API BS2_CheckGlobalAPBViolationByDoorOpen

## Modified Features

1. Fixed the issue that the device returns BS_SDK_ERROR_CANNOT_FIND_DEVICE after successful connection due to corrupted communication key exchange. (Only some latest FW)

2. Fixed the issue that SDK can't process received packets from the device with IPv6 connection mode.

- Refer to structure BS2UserBlobEx
- Refer to API BS2_VerifyUserEx
- Refer to API BS2_IdentifyUserEx
- Refer to API BS2_EnrolUserEx
- Refer to API BS2_VerifyUserSmallEx
- Refer to API BS2_IdentifyUserSmallEx
- Refer to API BS2_EnrollUserSmallEx

3. Fixed the issue with the error BS2_SDK_ERROR_INVALID_PACKET when received log from the device due to the image log larger than 16KB.

- Refer to API BS2_GetLogBlob
- Refer to API BS2_GetLogSmallBlob
- Refer to API BS2_GetLogBlobFromDir
- Refer to API BS2_GetLogSmallBlobFromDir
- Refer to API BS2_GetImageLog