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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 violation check by the door sensor

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.

- Structure [BS2LiftFloors](#) has been added
- Structure [BS2LiftLockUnlockZone](#) has been added
- API [BS2_GetLiftLockUnlockZone](#) has been added
- API [BS2_GetAllLiftLockUnlockZone](#) has been added
- API [BS2_GetLiftLockUnlockZoneStatus](#) has been added
- API [BS2_GetAllLiftLockUnlockZoneStatus](#) has been added
- API [BS2_SetLiftLockUnlockZone](#) has been added
- API [BS2_SetLiftLockUnlockZoneAlarm](#) has been added
- API [BS2_RemoveLiftLockUnlockZone](#) has been added
- API [BS2_RemoveAllLiftLockUnlockZone](#) has been added

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

- Structure [BS2DisplayConfig](#) has been added
- API [BS2_SetUserPhraseHandler](#) has been added
- API [BS2_ResponseUserPhrase](#) has been added

4. Global APB violation check by the door sensor is supported.

The feature checks twice for Global APB violation; 1. after user authentication 2. door sensor base. You can figure out the user who actually doesn't go in even after successful authentication and the door unlock using this feature.

- Structure [BS2DoorSensor](#) has been added
- API [BS2_SetGlobalAPBViolationByDoorOpenHandler](#) has been added
- API [BS2_CheckGlobalAPBViolationByDoorOpen](#) has been added

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.

- Structure [BS2UserBlobEx](#) has been added
- API [BS2_VerifyUserEx](#) has been added
- API [BS2_IdentifyUserEx](#) has been added
- API [BS2_EnrolUserEx](#) has been added
- API [BS2_VerifyUserSmallEx](#) has been added
- API [BS2_IdentifyUserSmallEx](#) has been added
- API [BS2_EnrollUserSmallEx](#) has been added

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.

- API [BS2_GetLogBlob](#) has been added
- API [BS2_GetLogSmallBlob](#) has been added
- API [BS2_GetLogBlobFromDir](#) has been added
- API [BS2_GetLogSmallBlobFromDir](#) has been added
- API [BS2_GetImageLog](#) has been added

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