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New Features

- USB File Read Support with Ver.3
- Supports the function of adding Barcode bypass.
- Supports the function of adding Treat as CSN feature
- Supports the function of adding the Smartcard byte order functionality
- Adding support items to the system support information

1. On devices that support Ver.3 (GDPR supported), the following functions have been added to read USB files.
The functions below are applicable if you have previously called the [BS2_SetDataEntryptKey] function to change the device's user information encryption key.
The newly added key parameter can be used to specify the key that was set in the past.

- API BS2_GetUserDatabaseInfoFromDirWithKey has been added
- API BS2_GetUserListFromDirWithKey has been added
- API BS2_GetUserInfosFromDirWithKey has been added
- API BS2_GetUserDatasFromDirWithKey has been added
- API BS2_GetUserInfosExFromDirWithKey has been added
- API BS2_GetUserDatasExFromDirWithKey has been added
- API BS2_GetLogFromDirWithKey has been added
- API BS2_GetFilteredLogFromDirWithKey has been added
- API BS2_GetUserSmallInfosFromDirWithKey has been added
- API BS2_GetUserSmallDatasFromDirWithKey has been added
- API BS2_GetUserSmallInfosExFromDirWithKey has been added
- API BS2_GetUserSmallDatasExFromDirWithKey has been added
- API BS2_GetUserInfosFaceExFromDirWithKey has been added
- API BS2_GetUserDatasFaceExFromDirWithKey has been added
- API BS2_GetLogBlobFromDirWithKey has been added
- API BS2_GetLogSmallBlobFromDirWithKey has been added
- API BS2_GetLogSmallBlobExFromDirWithKey has been added

2. Barcode bypass functionality has been added to allow barcode to be subscribed from devices with barcode scan enabled.

- Refer to structure BS2BarcodeConfig
- API BS2_SetBarcodeScanListener has been added
- Add callback function OnBarcodeScanned

3. Barcode bypass functionality has been added to allow barcode to be subscribed from devices with barcode scan enabled.

- Refer to structure BS2BarcodeConfig

4. It has been modified to specify the byte order of the Smartcard.

- Refer to structure BS2CardConfig
- Refer to API BS2_GetCardConfig
- Refer to API BS2_SetCardConfig

5. The system support information for the Smartcard byte order, Treat as CSN functionality has been updated.

- Refer to structure BS2DeviceCapabilities
- Refer to API BS2_GetDeviceCapabilities

Modification function

1. libxml2 library dependency removed from SDK.

2. The USB file read function has been modified internally to support Ver.3 (GDPR supported).
The functions below are applicable if you have never changed the device's user information encryption key by calling the BS2_SetDataEntryptKey function in the past.
The functions below are obtained by decrypting the encryption information to the default key value.
The user can invoke the function the same as before

- Refer to API BS2_GetUserDatabaseInfoFromDir
- Refer to API BS2_GetUserListFromDir
- Refer to API BS2_GetUserInfosFromDir
- Refer to API BS2_GetUserDatasFromDir
- Refer to API BS2_GetUserInfosExFromDir
- Refer to API BS2_GetUserDatasExFromDir
- Refer to API BS2_GetLogFromDir
- Refer to API BS2_GetFilteredLogFromDir
- Refer to API BS2_GetUserSmallInfosFromDir
- Refer to API BS2_GetUserSmallDatasFromDir
- Refer to API BS2_GetUserSmallInfosExFromDir
- Refer to API BS2_GetUserSmallDatasExFromDir
- Refer to API BS2_GetUserInfosFaceExFromDir
- Refer to API BS2_GetUserDatasFaceExFromDir
- Refer to API BS2_GetLogBlobFromDir
- Refer to API BS2_GetLogSmallBlobFromDir
- Refer to API BS2_GetLogSmallBlobExFromDir

3. The following two APIs for connecting USB have been `disrupted`
The context can then be used by calling BS2_AllocateContext to pass on the generated object.

- Deprecated to API BS2_AllocateUsbContext
- Deprecated to API BS2_ReleaseUsbContext

- Refer to API BS2_AllocateContext
- Refer to API BS2_ReleaseContext

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