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User Management API > [BS2_PartialUpdateUserEx](#)

BS2_PartialUpdateUserEx

[+ 2.8.3] Updates partial information of an already registered user. The user you want to renew must be a registered user.

You can optionally specify the partial information you want to update using the mask.

If you want to delete partial information, you can delete it in combination with [BS2User](#) infoMask.

Declaration

```
#include "BS_API.h"

int BS2_PartialUpdateUserEx(void* context, uint32_t deviceId, BS2_USER_MASK mask, BS2UserBlobEx* userBlob, uint32_t userCount);
```

[See BS2UserBlobEx structure](#)

Parameter

- [In] *context* : Context
- [In] *deviceId* : Device ID
- [In] *mask* : Mask for the part of the user you want to update

Value	Description
0x0002	User settings (personal authentication mode, validity period)
0x0004	User Name
0x0008	Image
0x0010	PIN
0x0020	Card
0x0040	Fingerprint
0x0080	Face
0x0100	Access group
0x0200	Jobcode
0x0400	Private Message
0x0800	Face (FSF2, BS3)
0x1000	User setting (FSF2, BS3)

- [In] *userBlob* : Partial information about the user you want to renew
- [In] *userCount* : Number of users

Return Value

If successfully done, `BS_SDK_SUCCESS` will be returned. If there is an error, the corresponding error code will be returned.

If it fails, it returns a corresponding error code, and if it is a device occurrence error, the event `BS2_EVENT_USER_UPDATE_PARTIAL_FAIL` is generated.

See Also

[BS2_PartialUpdateUser](#)

[BS2_PartialUpdateUserEx](#)

[BS2_PartialUpdateUserSmall](#)

[BS2_PartialUpdateUserSmallEx](#)

[BS2_PartialUpdateUserFaceEx](#)

Sample Code

[BS2_PartialUpdateUserFaceEx](#) Sample Code Reference

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