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## BS2\_UpgradeFirmware

Upgrades the firmware.

### Declaration

```
#include "BS_API.h"

int BS2_UpgradeFirmware(void* context, uint32_t deviceId, uint8_t*
firmwareData, uint32_t firmwareDataLen, uint8_t keepVerifyingSlaveDevice,
OnProgressChanged ptrProgressChanged);
```

### Parameter

- [In] *context* : Context
- [In] *deviceId* : Device ID
- [In] *firmwareData* : Firmware data
- [In] *firmwareDataLen* : Size of the firmware data
- [In] *keepVerifyingSlaveDevice* : Flag that decides whether to enable the authentication on the slave device when upgrading the resource
- [In] *ptrProgressChanged* : progress change listener

#### NOTE

*keepVerifyingSlaveDevice* parameter needs to be checked whether it is supported from the firmware.

### Return Value

If successfully done, `BS_SDK_SUCCESS` will be returned.

If there is an error, the corresponding error code will be returned.

From:

<https://kb.supremainc.com/kbtest/> - **BioStar Device SDK**

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Last update: **2016/04/20 09:34**

