

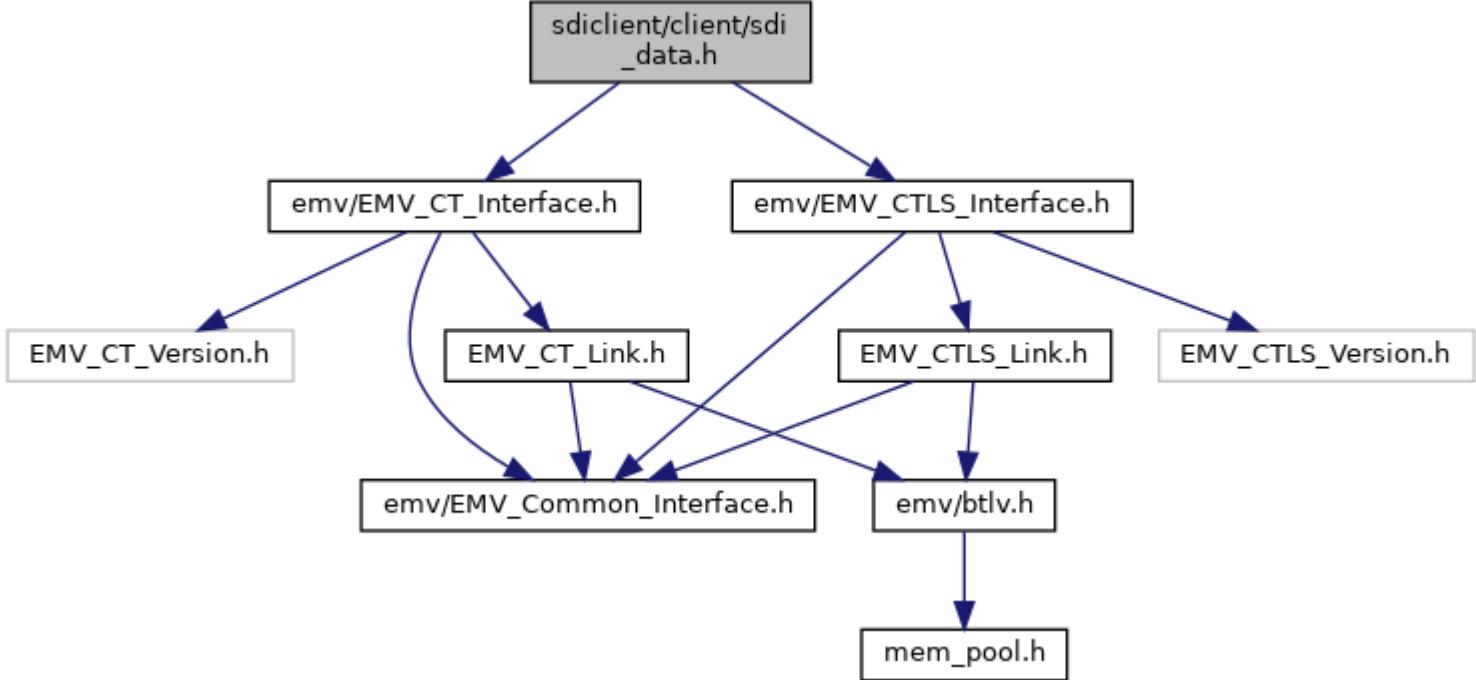
https://verifone.cloud/docs/application-development-kit-version-48/sdi_data_8h

Updated: 05-Mar-2025

sdi_data.h File Reference

```
#include "emv/EMV_CT_Interface.h"  
  
#include "emv/EMV_CTLSS_Interface.h"
```

Include dependency graph for sdi_data.h:



[Go to the source code of this file.](#)

Macros

```
#define CLA_DATA 0x29  
    Class for Data Handling. More...  
#define INS_FETCH_TAGS 0x02  
    Fetch Tags. More...  
#define SENSITIVE_TAG OMIT 0  
    (b1 & b2): Default handling of sensitive tags by SDI\_fetchTxnTags\(\): Sensitive tags are not returned in the response. More...  
#define SENSITIVE_TAG_TRUNCATE 0x01
```

b1: Sensitive tags are returned with zero length. Note: b1 and b2 are mutually exclusive [More...](#)

```
#define SENSITIVE_TAG_REPLACE 0x02
```

b2: Sensitive tags are returned with data replaced by 0xFF bytes and original length [More...](#)

```
#define FETCHTAGS_EXPIRY_DATE_IN_CLEAR 0x04
```

b3: Get expiry date (tag 5F24) in clear text if VCL encryption is enabled [More...](#)

```
#define FETCHTAGS_GET_DATA 0x08
```

b4: Use EMV_ADK_FETCHTAGS_GET_DATA option (for CT only) [More...](#)

Functions

[EMV_ADK_INFO](#) [SDI_fetchTxnTags](#) (unsigned char options, unsigned long *requestedTags, unsigned short noOfRequestedTags, unsigned char *tlvBuffer, unsigned short bufferLength, unsigned short *tlvDataLength)

Fetch one or several tags at the end of the transaction, excluding sensitive cardholder data. [More...](#)

Macro Definition Documentation

[? CLA_DATA](#)

```
#define CLA_DATA 0x29
```

Class for Data Handling.

[? INS_FETCH_TAGS](#)

```
#define INS_FETCH_TAGS 0x02
```

Fetch Tags.

Function Documentation

[? SDI_fetchTxnTags\(\)](#)

```
EMV\_ADK\_INFO SDI_fetchTxnTags ( unsigned char      options,
                                         unsigned long * requestedTags,
                                         unsigned short   noOfRequestedTags,
                                         unsigned char *  tlvBuffer,
                                         unsigned short   bufferLength,
                                         unsigned short * tlvDataLength
                                       )
```

Fetch one or several tags at the end of the transaction, excluding sensitive cardholder data.

One common function for all technologies: CT, CTLS, MSR and manual entry. Sensitive tags are excluded from the returned data in the way defined by the parameter mode. The SDI Server has a predefined set of sensitive tags. Additionally, the user can configure additional sensitive tags using the Software and Configuration Upload command set 20-14, 20-15 and 20-16 as described in the SDI Server documentation. The user can also configure a white list using the same Software and Configuration Upload commands. If a card is in the configured white list, all data is returned in clear text, including also sensitive tags.

Author

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Parameters

[in]	options	... fetch tags options, see Options for fetching TLV data
[in]	requestedTags	... requested tags
[in]	noOfRequestedTags	... number of requested tags
[in,out]	tlvBuffer	... buffer for TLV output, allocated by calling application
[in]	bufferLength	... number of bytes allocated for tlvBuffer
[out]	tlvDataLength	... number of bytes written to tlvBuffer

Returns

EMV_ADK_OK, EMV_ADK_PARAM, EMV_ADK_TLV_BUILD_ERR, EMV_ADK_INTERNAL