

## EncryptionOptions doxydoc

namespace VerifoneSdk

enum class EncryptionOptions

- Options that can be passed when performing encryption.

enumerator NONE

- Default value. If any other options are incompatible.

enumerator DATA\_PADDING\_00

padding options passed as hex strings: Data padding with 0x00: XX XX XX XX 00 00 00 00.

enumerator DATA\_PADDING\_FF

( XX ff ff ff ff.

enumerator TRUNCATE\_PAN

789FFFF => 123456789F.

enumerator ADD\_EMPTY\_TAGS

0) to result.

enumerator TRUNCATE

ends the fixed length.

enumerator VALUE\_ONLY

- Use the associated value only, without tag or length information.
- More than one tag and one or more tags are requested as variable length.

enumerator TRACK2\_EMV

- Format MSR Track 2 (TLV tag 57) according to the EMV Track 2 Equivalent Data spec.
- For CT and CTIS, this has no effect as they are already in the expected EMV format. When not used with MSR, Track2 will contain LRC.

enumerator CVV\_ASCII

- Format CVV as an ASCII string with no padding and no null terminator.
- Format CVV as a BCD string with no padding and no null terminator. In BCD, with trailing F for odd length values

enumerator PAN\_ASCII

- Format PAN as an ASCII string with no padding and no null terminator.
- Format PAN as a BCD string with no padding and no null terminator. In BCD, with trailing F for odd length values

enumerator TRACK2\_ASCII

<https://verifone.cloud/docs/in-person-payments/payment-software-development-kit-guide-psdk/api-reference/windows-dot-65>

Updated: 19-Aug-2024

- Format Track 2 as an ASCII string with no padding and no null terminator.  
in BCD, with trailing F for odd length values

enumerator EXPIRY\_ASCII

is an ASCII string with no padding.

enumerator TRACK2\_ASCII\_MSR

ing according to MSR spec with start ';' and end '?' sentinels but with no LRC or padding.

enumerator TRACK1\_EMV

- Format Track1 equivalent data (TLV tag 56) according the EMV Track 1 Equivalent Data spec.
- For CT and CTLS, this has no effect as they are already in the expected EMV format. When not used with MSR, Track1 will contain start and end sentinels and LRC.