

ReceiptData_hpp

```
struct ReceiptData
```

- Fields containing data regarding the completed transaction. Individual fields get automatically populated if not specified and if the data is present somewhere else in the containing message. All ReceiptData fields are currently optional and values may be absent.

```
    amount_
    >
    ::optional<std::string> expiryDate_, std::optional<std::string> encryptedPan_, std::optional<std::string>
encryptedKsn_)

    std::optional<std::string> receiptCopy

    std::optional<std::string> offlineDeletedReceipt

    std::optional<std::string> offlineDeletedTimeStamp

    std::optional<std::string> transactionType

    std::optional<std::string> merchantName
tion.

    std::optional<std::string> merchantAddress1
ransaction.

    std::optional<std::string> merchantAddress2
```

<https://verifone.cloud/docs/in-person-payments/payment-software-development-kit-guide-psdk/api-reference/linux-api-97>

Updated: 25-Jul-2024

```

    the transaction.
    std::optional<std::string> merchantAddress3
    transaction.
    std::optional<std::string> merchantAddress4
    transaction.
    std::optional<std::string> merchantPhoneNumber
    transaction.
    std::optional<std::string> merchantRegNumber
    the transaction.
    std::optional<std::string> transactionTimeStamp
    letion.
    std::optional<std::string> currency
    std::optional<std::string> transactionAmount
    (subtotal + tax(es) + gratuity + any other amounts).
    std::optional<std::string> taxAmount
    std::optional<std::string> cashbackAmount
    2-standard BigDecimal).
    std::optional<std::string> surchargeAmount
    std::optional<std::string> tipsAmount
    gratuity.
    std::optional<std::string> totalAmount
    (subtotal + tax(es) + gratuity + any other amounts).
    std::optional<std::string> apmName
    method.
    std::optional<std::string> cvmType

```

- The ways by which the transaction is authorized.

std::optional<std::string> cardBrand

std::optional<std::string> psn

multiple cards issued with the same PAN.

std::optional<std::string> paymentInstrument

ment will be made.

std::optional<std::string> maskedPAN

RD or the clear PAN if the card status is NON_PCI_CARD.

std::optional<std::string> poiSerialNumber

std::optional<std::string> terminalID

std::optional<std::string> acquirerName

nsaction.

std::optional<std::string> acquirerID

ion.

std::optional<std::string> merchantID

std::optional<std::string> atc

. Present only with EMV cards.

std::optional<std::string> aed

g. Present only with EMV cards.

std::optional<std::string> aid

nt only with EMV cards.

std::optional<std::string> authSource

line with the host, or false if this was authorized offline.

std::optional<std::string> acType

esent only with EMV cards.

std::optional<std::string> acValue

<https://verifone.cloud/docs/in-person-payments/payment-software-development-kit-guide-psdk/api-reference/linux-api-97>

Updated: 25-Jul-2024

g. Present only with EMV cards.

std::optional<std::string> arc

t only with EMV cards.

std::optional<std::string> authCode

- The payment Authorization Code usually provided by the payment processing service or acquirer. May be added during the changed.

std::optional<std::string> refNumber

rom the payment/reversal response.

std::optional<std::string> tvr

Present only with EMV cards.

std::optional<std::string> tsi

ith EMV cards.

std::optional<std::string> transactionResult

/ the payment application or payment service provider.

std::optional<std::string> transactionResultCode

if there is a gateway or other host between the terminal and the acquirer.

std::optional<std::string> rejectionReason

thorization code from payment processor.

std::optional<std::string> expiryDate

std::optional<std::string> encryptedPan

std::optional<std::string> encryptedKsn

- The encrypted Key serial Number.