verifone

HostTransaction.hpp

struct HostTransaction

- The transaction information. This will have multiple components describing the payment, instrument/source, merchant and the sales context.

std::optional<std::string> poiName_, std::optional<std::string> poiSerialNumber_, std::optional<std::string> poiDeviceType_)

std::optional<std::string> referenceId

- A client (user friendly) identifier for the transaction generated at the outset of a business event. The format will be dependent on the calling system.
- A reference supplied by the system retaining the original source information and used to assist in locating that transaction or a copy of the transaction. This value is critical in matching values that are sent to other Payment processors or Acquirers. This value would correspond to the ISO8583 specification as RRN in attribute DE 37, which limits the value to being an alphanumeric value 12

std::optional<TransactionType> transactionType

- A type indicator for the main operation or service that was performed as part of the transaction event.

std::optional<std::string> currencyCode

code. e.g. USD. Values correspond to ISO 4217.

std::optional<std::string> totalAmount

ancial-related fields, such as balance, payment due...

std::optional<std::string> gratuityAmount

std::optional<std::string> cashbackAmount

std::optional<std::string> discountAmount

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std::optional<std::string> taxAmount

ntity.

std::optional<std::string> createdDateTime

- The time that the transaction occured at the POI/Terminal, this is referred to as the acceptor datetime in ISO8583 specification DE 12. In some cases this may reflect the date time when the transaction was received at a client Gateway or Switch where this is not nclude the necessary timezone information

std::optional<std::string> merchantId

- The Code identifying the card acceptor as issued by the Acquiring Institution. This may not be unique across institutions. Also referred

std::optional<std::string> poiId

- The Code identifying the card accepting device as issued by the Acquiring Institution. This may not be unique across institutions hence the use of a unique surrogate key. Also referred to as the TID. ISO8583 - DE 41 or Terminal ID.
- This value will be validated against the authenticated Identity. So must match the range of identifiers that have been allocated to the e API.

std::optional<std::string> poiName

- The identifier used to represent this POI from an estate management perspective. This is not the same as the TID which will be greement.

std::optional<std::string> poiSerialNumber

here known.

std::optional<std::string> poiDeviceType

- The device type where transaction was captured, if known. This could be a model number or other description e.g. VX690.