NCR Business Service Platform-to-SessionM Data Mapping

This article maps properties used by the NCR Business Service Platform (BSP) to the corresponding SessionM properties.

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Property Mappings

The table below shows the mapping from NCR BSP properties to corresponding SessionM properties.

NCR BSP Property	SessionM Property	Notes
OrderBeginDateTime	orderBeginDateTime	Timestamp created by the Aloha server at point-of-sale.
RetailerID	RetailerID	SessionM internal representation of the client.
StoreID	StoreID	SessionM internal ID that resides in the same table as POSStoreKey and NCRStoreID. POSStoreKey is generally a value set by the customer and can hold their store numbers and so on. Can easily be included in SessionM reporting. NCRStoreID holds the NCR Enterprise Unit ID.
OrderID	TransactionId	ID created by NCR Cloud.
Concatenation of CheckID and DateOfBusiness	Channel	Maps to customer transaction details. This additional data has been concatenated and stored within SessionM's "Channel" property to help clients tie transactions back to NCR transaction data.
	TableID	Since no data is supplied by NCR, SessionM sets this value to "default".
	PosEmployeeID	Since no data is supplied by NCR, SessionM sets this value to "OMNICHANNEL".
	IsVoided	This value is set to "false" by SessionM for a completed transaction; set to "true" for a voided transaction.
LoyaltyBarcode	GuestReceiptCode	Field used for clients who want to use receipt scanning for post-transaction loyalty attribution.
Tax-excluded order totals	Subtotal	SessionM sums subtotal of individual items, omitting tax.
Tax-included order totals	TaxTotal	SessionM sums total of individual items, including tax.
Items	Items	List of items objects (see table below).
Tenders	Payments	List of tender/payment objects (see table below).

Items

The table below shows the NCR BSP-to-SessionM mapping for items.

NCR BSP Property	SessionM Property	Notes
ItemCode	ItemID	
Quantity.Units	Quantity	
SequenceID	LineID	
UnitPrice	UnitPrice	Base unit price (original).
UnitPrice * Quantity.Units	Subtotal	
	TaxIncluded	Since NCR does provide this data, SessionM sets this value to "0".
ParentSequenceID	ModifiesLineID	Indicates an item that modifies another item. If a value has been set, SessionM uses that value. If a value is not set, SessionM sets this value to NULL.

Payments

The table below shows the NCR BSP-to-SessionM mapping for payments.

NCR BSP Property	SessionM Property	Notes
SequenceID	PaymentID	
Amount	Amount	
TenderType	Type	
	PaymentTime	Since NCR does not provide a separate timestamp for payment, SessionM generates a timestamp when a payment is received.
LoyaltyBarcode	ReceiptCode	
consumeridandtype.Keys	UserID	NCR supplies a dictionary that contains the user ID and type. NCR uses a dictionary so that (in the future) multiple users can be processed. Aloha, however, can currently only process a single user
consumeridandtype.Values	UserIDType	

		and type. So SessionM extracts that name-value pair from the dictionary and assigns the first value to UserID and the second value to UserIDType.