


Fraud

The Fraud section of the TMS website is a Site level configuration page which enables velocity limits to be set enabling precise control over the volume of particular EMV transaction types a Site can process. All of the functionality described in this document is also available as a TID level override working in exactly the same way.

 Any Velocity Limit field left blank is treated as “no limit” being in place.

Velocity Limits Configuration

This section houses data elements used to set configuration across all velocity limits.

Velocity Limits Configuration

Core

Transaction Cleanse Time*

Transaction Cleanse Time

Field	Usage
Transaction Cleanse Time	Determines the time (in 24 hour clock format) at which the velocity limits are reset.

Terminal Velocity Limits

The values configured here apply to all EMV transactions regardless of the card scheme or transaction type.

Terminal Velocity Limits

Number of Transactions (Daily)	Cumulative Limit (Daily)	Number of Transactions (Batch)	Cumulative Limit (Batch)	Single Transaction Amount
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Field	Usage
Number of Transactions (Daily)	Sets a restriction on the total number of all EMV transactions that can be processed on any one device. This limit is reset each day when the Transaction Cleanse Time is reached.
Cumulative Limit (Daily)	Sets a restriction on the total value of all EMV transactions that can be processed on any one device. This limit is reset each day when the Transaction Cleanse Time is reached.
Number of Transactions (Batch)	Sets a restriction on the total number of all EMV transactions that can be processed on any one device. This limit is reset each time a Z Report (End of Day) is ran on the device.
Cumulative Limit (Batch)	Sets a restriction on the total value of all EMV transactions that can be processed on any one device. This limit is reset each time a Z Report (End of Day) is ran on the device.
Single Transaction Amount	Sets a restriction on the maximum permitted value for any single EMV transaction.

Transaction Limits

Transaction Limits allow the user to apply any of the Terminal Velocity Limits to specific transactions types (e.g. Sale or Refund). Like the Terminal Velocity Limits, the Transaction Limits apply to all EMV card schemes.

Transaction Limits

Transaction Type:

Tip Sale

Limit Type:

Single Transaction Amount

Value:

500

Add Limit

Sale

x

Sale

Number of Transactions (DAILY)

500

Update

Tip Sale

x

Tip Sale

Single Transaction Amount

500

Update

i

The Limit Types available in this functionality are exactly the same as those seen above, i.e.

• Number of Transactions (Daily)

• Cumulative Limit (Daily)

• Number of Transactions (Batch)

• Cumulative Limit (Batch)

• Single Transaction Amount

Any of the following EMV transaction types can be configured using the Transaction Limits:

Transaction Type
Sale
Refund
Void
Tip Sale
Tip Completion
Pre-Auth Sale
Pre-Auth Completion
Reversal

Scheme Velocity Limits

Scheme Velocity Limits allow the user to apply any of the Terminal Velocity Limits and/or Transaction Limits to specific card schemes (e.g. Mastercard or Visa). In every other aspect they work exactly the same way.

Scheme Velocity Limits

Scheme Name	Number of Transactions (Daily)	Cumulative Limit (Daily)	Number of Transactions (Batch)	Cumulative Limit (Batch)	Single Transaction Amount	Transaction Limits
VISA						<div>Transaction Limits</div> <div>Delete</div>

Add Row