

# Configuration

The Site, Chain and Acquirer edit functionality allows precise configuration of the data groups enabled on an entity and population of the data elements related to the enabled groups.

## Overview

Configuration is split over multiple tabs. Those covered by this article are the Site/Chain/Acquirer Configuration, Data Groups and Default Configuration tabs. All other tabs have sufficiently distinct functionality to warrant separate articles.

## Hierarchy

The configuration of a entity depends on its place in the hierarchy, that being:

- An Acquirer has one or more Chains
- A Chain has one or more Sites
- A Site has one or more TIDs

An entity lower down in the hierarchy will inherit data groups and data elements from entities further up the hierarchy. For example if an Acquirer has the `Core` data group enabled then all Chains belonging to that Acquirer will automatically have the `Core` data group enabled. This filters all the way down the hierarchy, so the Sites belonging to the Chains in the above example will also have the `Core` data group enabled.

This behaviour allows core configurations to be made once (as Acquirer or Chain level) and yet be applied to multiple Sites. This is especially useful for values that are unlikely to change such as EMV configurations.

Configurations made higher up the hierarchy will automatically be applied to entities further down without further action needing to be taken. If however it is desirable for a lower placed entity to differ from it's parent values can be overridden at any level.

## Data Groups

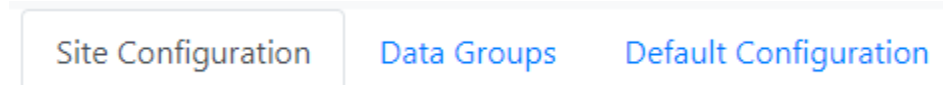
The data groups tab displays a checkbox for each available data group.

TID Configuration	Site Configuration	Data Groups	Default Configuration	Change History	Users	Fraud
Alipay	<input checked="" type="checkbox"/>	Balance Inquiry	<input type="checkbox"/>	Cashback	<input type="checkbox"/>	
Connectivity	<input type="checkbox"/>	Core	<input checked="" type="checkbox"/>	Dual Currency	<input type="checkbox"/>	
EMV	<input checked="" type="checkbox"/>	End of Day	<input checked="" type="checkbox"/>	Instalments C+	<input type="checkbox"/>	
Logging	<input checked="" type="checkbox"/>	Mastercard QR	<input type="checkbox"/>	Meeza QR	<input type="checkbox"/>	
Modules	<input checked="" type="checkbox"/>	Multi-device EMV	<input type="checkbox"/>	NOL	<input type="checkbox"/>	
Offline	<input type="checkbox"/>	OPI	<input type="checkbox"/>	PIN Set	<input type="checkbox"/>	
Receipt	<input checked="" type="checkbox"/>	Reversal	<input checked="" type="checkbox"/>	SoftUI	<input type="checkbox"/>	
Store	<input checked="" type="checkbox"/>	TouchPoints	<input type="checkbox"/>	UPI	<input type="checkbox"/>	
User Management	<input checked="" type="checkbox"/>	VISA QR	<input type="checkbox"/>	WeChat Pay	<input type="checkbox"/>	
Update						

Greyed out check boxes are data groups that are enabled at a higher level in the hierarchy. In order to remove one of these data groups then the parent entity which enabled them must be amended. This behaviour allows a core set of data groups to be enabled at Acquirer/Chain level which filter down the hierarchy. Additional data groups can then be enabled at lower level entities as they are required.

## Configuration

For Site/Chain configuration functionality is split over two tabs the Site/Chain Configuration and Default Configuration tabs. The former of these houses the active data groups and elements for the entity itself and the latter those inherited from its parent entities.



An Acquirer has no parent entity and as such has no Default Configuration tab.

Data Elements displayed in the `Site Configuration / Chain Configuration` tab are specific to the `Site / Chain` being created. Data Elements displayed in the `Default Configuration` are inherited from entities further up the hierarchy.

Core	
PAN Mask	6,4
Required Software Version	209
Screen Timeout *	90

The Default Configuration tab is itself split so that a TMS user can easily see at what level any given data element is configured.

Should an element need to be overridden then the grey Override button can be pressed and the element in question will be move from Default Configuration to Site Configuration / Chain Configuration. For example if the user was to Override the Screen Timeout data element in the image above it would move from Default Configuration tab to Site Configuration tab.

TID Configuration

Site Configuration

Data Groups

Default Configuration

Change History

Users

Fraud

Save

Download RPI Certificate

Alipay

Alipay MCC

1111

Alipay MID

111111111111

Alipay Partner

Alipay Partner

Alipay Private Key

Alipay Private Key

Show Password

Core

Acquirer Logo

Choose File

Clear

Default Currency

AED

Remove Override

Data elements that have been moved in this manner then gain a Remove Override button, which when pressed will remove the override value and fall-back to the original value and place in the hierarchy.

Validation

When the user has finished populating the data elements of their new entity they can press the Save button to complete the creation process. At this point the TMS website will validate each and every data element to ensure all entered data meets the specific requirements for said elements. Examples of types of validation seen in this process include:

Validator	Usage
Uniqueness	Depicts that a field must be unique across the estate.
Type	Determines the data type that must entered e.g. text, numbers or a specific file format such as . json.
Length	Minimum/Maximum data lengths.
Mandatory	Mandatory fields are marked with a * and where seen must be completed.

Should any fields not pass validation, the user will be advised of the fields that have failed and their reasons for failing.

**Address Line 1: Must be up to 25 characters long, not have leading or trailing spaces and not blank**  
**Address Line 2: Must be up to 25 characters long, not have leading or trailing spaces and not blank**  
**Name: Must be up to 23 characters long, not have leading or trailing spaces and not blank**  
**WiFi PIN: element must not be empty**

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## Change Approval

Any change made to Site/Chain/Acquirer configuration is subject to the change approval process. While the TMS website will display the changed value the change will not “go live” and thus not be reflected on PEDs in the field until the change has been approved.

For more information on the change approval process please see the Change Approval article of the TMS user manual.