

Add/Create

The Add/Create section of the TMS websites allows users with the appropriate permissions to create new Sites, Chains and Acquirers.

Overview

Upon initial opening of the Add/Create page the user is presented with a number of drop down menus and a list of available data groups with checkboxes. The exact fields that are displayed varies depending on whether the user is creating a new Site, Chain or Acquirer.

Hierarchy

The configuration of a new 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.

Site

Type: Site Chain: Default MID:

Get Fields

Data Groups

Allpay

Connectivity

EMV

Logging

Modules

Offline

Receipt

Store

User Management

Balance Inquiry

Core

End of Day

Mastercard QR

Multi-device EMV

QR

Reversal

TouchPoints

VISA QR

Cashback

Dual Currency

Installments C+

Meeza QR

NOI

PIN Set

SoftUI

UPI

WeChat Pay

Hide

 New Sites will have data groups enabled in their parent Chain and Acquirer selected as default.

| Field Name | Usage |
|------------|---|
| Type | Depicts the type of entity to be created; Site, Chain or Acquirer. |
| Chain | Used to assign the Chain to which the new Site will belong. |
| MID | The Merchant ID for the new Site. This must be a unique alphanumeric value between 6 and 15 characters. |
| Get Fields | Creates the template for the new site with the fields required for each of the selected data groups. |

Chain

Type: Chain Acquirer: NI Name: Get Fields

Data Groups

| | | | | | |
|-----------------|-------------------------------------|------------------|-------------------------------------|----------------|--------------------------|
| Alipay | <input 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 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"/> |

hide

i New Chains will have data groups enabled in their parent Acquirer selected as default.

| Field Name | Usage |
|------------|---|
| Type | Depicts the type of entity to be created; Site, Chain or Acquirer. |
| Acquirer | Used to assign the Acquirer to which the new Chain will belong. |
| Name | The name to be assigned to the new Chain. |
| Get Fields | Creates the template for the new Chain with the fields required for each of the selected data groups. |

Acquirer

Type: Acquirer Name: Get Fields

Data Groups

| | | | | | |
|-----------------|--------------------------|------------------|--------------------------|----------------|--------------------------|
| Alipay | <input type="checkbox"/> | Balance Inquiry | <input type="checkbox"/> | Cashback | <input type="checkbox"/> |
| Connectivity | <input type="checkbox"/> | Core | <input type="checkbox"/> | Dual Currency | <input type="checkbox"/> |
| EMV | <input type="checkbox"/> | End of Day | <input type="checkbox"/> | Instalments C+ | <input type="checkbox"/> |
| Logging | <input type="checkbox"/> | Mastercard QR | <input type="checkbox"/> | Meeza QR | <input type="checkbox"/> |
| Modules | <input 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 type="checkbox"/> | Reversal | <input type="checkbox"/> | SoftUI | <input type="checkbox"/> |
| Store | <input type="checkbox"/> | TouchPoints | <input type="checkbox"/> | UPI | <input type="checkbox"/> |
| User Management | <input type="checkbox"/> | VISA QR | <input type="checkbox"/> | WeChat Pay | <input type="checkbox"/> |

hide

i New Acquirers have no data groups enabled as default.

| Field Name | Usage |
|------------|--|
| Type | Depicts the type of entity to be created; Site, Chain or Acquirer. |
| Get Fields | Creates the template for the new Acquirer with the fields required for each of the selected data groups. |

Configuration

Once `GetFields` has been pressed the UI is populated with additional fields into which the user must enter the specifics of the entity they are creating.

When creating a new Acquirer the user will be presented with a tab titled `Acquirer Configuration` with all of the selected data groups listed along with their respective data elements. When creating a new Site or Chain two tabs will be visible, the first named `Site Configuration / Chain Configuration` and the second `Default Configuration`

Site Configuration

Default Configuration

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.

Site Configuration

Default Configuration

Chain

Acquirer

Global

| Core | | |
|---------------------------|-----|---------------------|
| Screen Timeout * | 90 | <div>Override</div> |
| PAN Mask | 6,4 | <div>Override</div> |
| Required Software Version | 209 | <div>Override</div> |

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.

Site Configuration

Default Configuration

Save

| Core | |
|-------------------------------|--|
| Disable Power Button | <input type="checkbox"/> |
| APNs | <div>APNs</div> |
| Acquirer Logo | <div><div>Choose File</div><div>Clear</div><div></div></div> |
| Default Currency | <div>AED</div> |
| Application Footer Image | <div><div>Choose File</div><div>Clear</div><div></div></div> |
| Application Header Image | <div><div>Choose File</div><div>Clear</div><div></div></div> |
| Online Refund | <input type="checkbox"/> |
| Disable Card Fallbacks | <input type="checkbox"/> |
| Disable Mag Swipe Digit Entry | <input type="checkbox"/> |
| Skip Refund Approval Code | <input type="checkbox"/> |
| Disable Magnetic Stripe | <input type="checkbox"/> |
| Allow Partial Authorisation | <input type="checkbox"/> |
| Screen Timeout * | <div><div>Screen Timeout</div><div>Remove Override</div></div> |

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

