

TM Forum Open APIs Conformance Certification



Company Name:

MDS GLOBAL

Product Name and Release Version:

CMP v8.23

TM Forum Open API Name and Release Version:

TMF629 – Customer Management v4.0.0

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1. What Product or Solution does your API support?

For MDS Global, the Customer Management API provides the capability to expose a consistent interface for the creation and update of customer entities. In the TM Forum Open API model, TMF629 Customer Management facilitates the creation and management of customers that may represent either individuals or organizations. These entities are first established as Parties using TMF632 Party Management, where the core party information is maintained. A customer is then created in TMF629 Customer Management by referencing the existing party, thereby assigning the role of “customer” to that specific party. This approach supports the TM Forum separation of party identity from business role management, enabling a single party to hold multiple roles across different business contexts.

2. Overview of Certified API

The Customer Management API is an application programming interface that facilitates customer and customer account management such as creation, update, retrieval, deletion and notification of events.

The Customer Management API manages the following data resources:

- The Customer represents a person or organization that buys products and services from the enterprise.

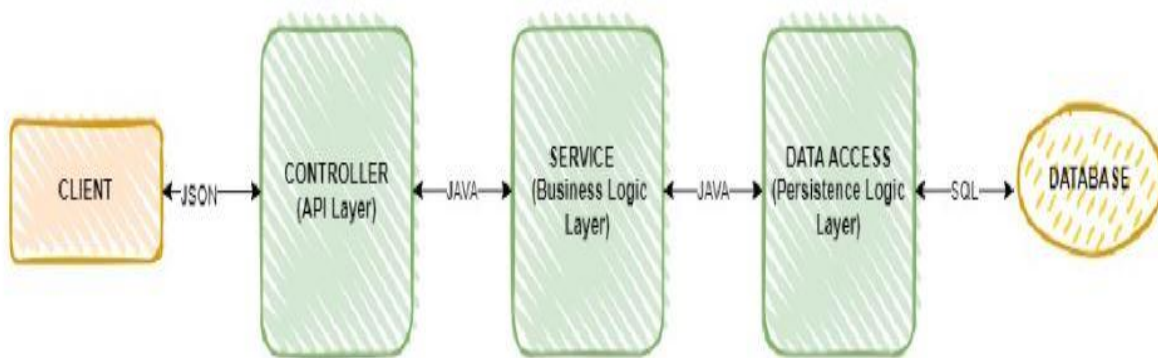
The Customer Management API performs the following operations on the customer resource:

- Retrieval, creation, full or partial update and deletion of customers.

3. Architectural View

The MDS Global REST Architecture can be summarized as follows:

- The Controller layer defines the data elements and operations for each API and delegates complex logic to the business layer.
- The Service layer is where business rules logic is implemented.
- The Data Access layer is where communication with persistence storage takes place.



MDS Global’s product suite version of the Customer Management API, although similar to the TMF API, has important differences in terms of data element names and error (exception) codes.

Implementing the TMF version of the API, involved exposing the TMF API at the API layer and ‘converting’ data to/from the format expected by the Service layer implementation of the MDS Global API, thus leaving the business rules logic unchanged.

4. Test Results

Click here to view the test results: [MDS-TMF629-HTMLResults.html](#)