tmforum

TM Forum Open APIs

Conformance Certification

Company Name: **CSG International**

TM Forum Open API Name:

TMF673 – Geographic Address Management

TM Forum Open API Release Version: **4.0.0**

Report Date: *21/09/2023*

1. What Product or Solution does your API support?

The API described in this document is developed as part of the CSG Quote & Order product. This is a platform that enables service providers to perform seamless flowthrough from configure-price-quote (CPQ) through to order management and finally to billing activation. CSG Quote & Order undertakes an omni-channel approach by supporting not only an operator portal but also other digital channels including TMF API integration suite.

This approach is supplemented by the addition of TMF 673 geographic address management API as a northbound interface to the Address Management system, whether this is CSG Quote & Order itself or flowing through to another downstream system. Implementing this address validation function to verify that geographic address information is accurate and matches to an actual address.

B2B clients will be able to complete the crucial qualifying stage in the pre-ordering management cycle with the help of 673 API. To guarantee that the ensuing quote and provisioning processes go proceed smoothly, the 673 API will make sure that only suitable geographic regions are validated for the required product or service. To complete the whole ordering process via the API channel, 673 works with other pre-ordering APIs, including 679.

The standardization of the CSG Quote & Order address management API to be TMF 673 compliant is prudent as it allows easy on-boarding of clients who have already adopted the TMF standards. For others, it means that they are developing to an interface that is an industry standard and hence can be easily ported to talk to other products that are TMF complaint if the need arises.

CSG is committed to the TM Forum industry standard assets, to the extent that its internal data model is entirely SID aligned; The TMF
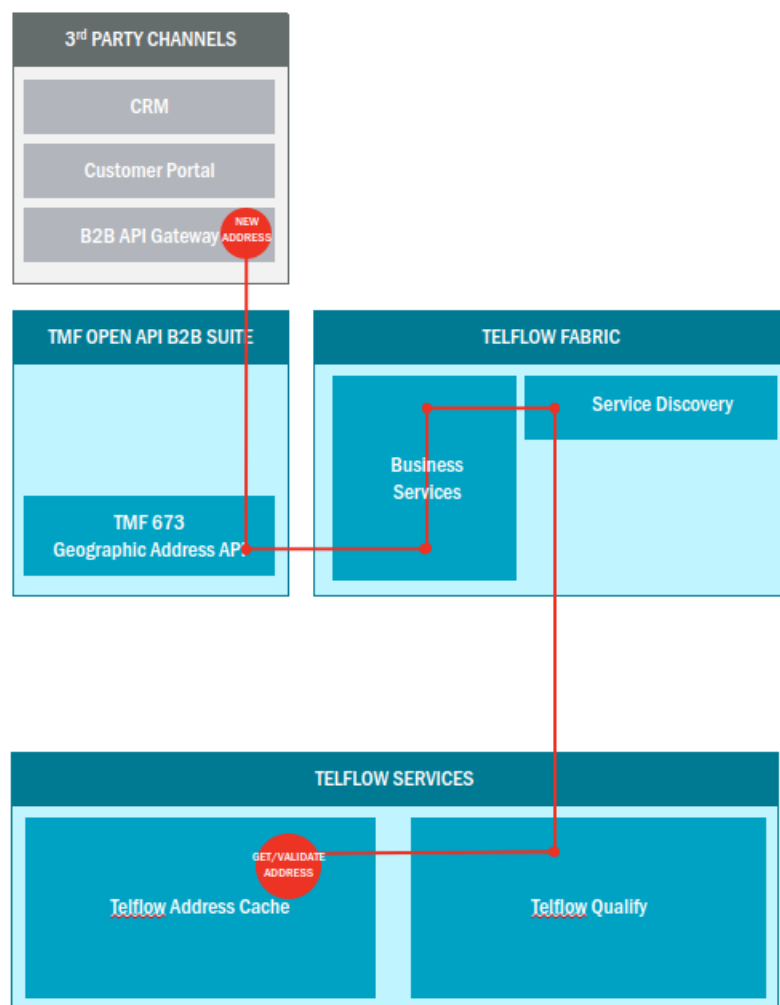
673 joins the suite of CSG Quote & Order northbound API's including ordering, service qualification and catalogue services all of which are TMF open API complaint. This enables a complete product order management experience from any upstream channel.

2. Overview of Certified API

The Geographic Address API provides a standardized client interface to so that clients of the CSG Quote & Order API suite are able to call the location management capability of the product to retrieve or validate address data so to support quote and order capture. The API is used to ensure that geographic address data corresponds to known physical locations in the enterprise solution's address master.

#	Resource	API Overview	Operation Supported
1	Geographic Address Resource	The Geographic Address resource is to be retrieved and validated for the eligible product or service for ordering purposes	1. GET 2. POST

3. Architectural View

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4. Test Results

Click here to see the test results: [CSG-TMF673 API-HTML Results](#)