**TM Forum Open APIs**

**Conformance Certification**

*Company Name:* ***Aria Systems Inc.***

*TM Forum Open API Name:*

***TMF622 Product Ordering API***

*TM Forum Open API Release Version:* ***19.0 / 4.0***

**Report Date: *08-Nov-2021***

1. **What Product or Solution does your API support?**

This API is designed to support Aria’s flagship billing and monetization platform. It is a cloud-native order-to-usage-to-cash solution that is designed to interoperate with a CSP’s IT eco-system using over 360 APIs as end-to-end autonomous billing operation.



Aria is committed to complying with the TM Forum’s Open API & Open Digital Architecture (ODA) model. It reduces integration costs and timelines for CIOs/CTOs who are actively shifting course to build a more flexible architectural foundation for opportunities driven by 5G/SDN, partnerships and new best-of-breed systems of engagement.

Aria:

* Replaces or augments traditional and best-of-suite operational and business support system (OSS/BSS) architectures that restrict business agility.
* Is 100% configurable (no-code platform) enabling business and IT leaders to get to market fast and at lower cost to entry.
* Operates at web scale and leverages public cloud to change the billing relationship with features such as real-time billing, payment automation and AI/ML routine ingestion to improve time-to-cash and revenue assurance.
* Supports over 100 large CSPs and enterprises across multiple industry verticals, proving it can bill and monetize for any product, for any segment via any channel.
* For more information on Aria for Communication, see [https://bit.ly/3FcjDgv](https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fbit.ly%2F3FcjDgv&data=04%7C01%7CAChomoko%40ariasystems.com%7C22d9e1b501254f85e36508d9a2e26211%7C65451a8edfa6427c9898526cd68aa3bf%7C1%7C0%7C637719915466432647%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=T6mAuK8ShZUhzpP0gBsK%2BOjSZbJNXvd13V3%2FHLV90Ik%3D&reserved=0)
1. **Overview of Certified API**

TMF622 - Product Ordering API provides a standardized mechanism for placing a product order with all the necessary order parameters on Aria Crescendo. A product order is created based on a product offer and product specifications that are defined in a catalog. The product offer identifies the product or set of products that are available to a customer, and includes characteristics such as pricing, product options and market.

The Table below show the API mandated resource along with mandated operations for conformance.

*ProductOrder*

| Operation  | Mandatory/Optional  | Comments  |
| --- | --- | --- |
| GET  | M  | Response Status Code 200 if successfulResponse Status Code 404 if not found |
| POST  | M  | Status Code 201 if resource created |

**ProductOrder Operations**

* Create a product order
	+ This operation creates a product order within Aria Crescendo
* Retrieve product orders
	+ This operation retrieves a list product orders from Aria Crescendo
* Retrieve product order by filters
	+ This operation retrieves a product or products based on a variety of filter conditions from Aria Crescendo
1. **Architectural View**



1. **Test Results**

