

my API story

tmforum
code +
frameworks

REVENUE ASSURANCE
AND FRAUD MANAGEMENT

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Carlos Duarte Marques
Head of Product Marketing, Mobileum

Tell us about yourself and your job.

As the head of product marketing at Mobileum, I'm responsible for developing the product message for internal and external stakeholders. As part of my role, I'm also responsible for looking for industry standards and relationships with analysts. I've been working in and following TM Forum projects where I've contributed to some of the standards that were developed on the revenue assurance and the business assurance group within TM Forum.

Why do you believe in TM Forum's Open API program?

Aligning with TM Forum's Open API standards has accelerated our deployment time, allowed us to follow a more productized approach to risk management, and brought a closer alignment to the Frameworkx standard.

What TM Forum Open APIs are most valuable to your company?

- TMF666 - Account Management API
- TMF678 - Customer Bill Management API
- TMF629 - Customer Management API
- TMF654 - Prepay Balance Management API
- TMF622 - Product Ordering API
- TMF634 - Resource Catalog Management API
- TMF652 - Resource Ordering Management API
- TMF640 - Service Activation and Configuration API
- TMF641 - Service Ordering Management API
- TMF653 - Service Test Management API
- TMF677 - Usage Consumption Management API

Why did you choose to highlight those APIs?

As the leading Revenue Assurance and Fraud Management vendor for the telecom industry, our solution is highly intensive in consuming data from different data sources. Only this way we can deliver

prebuilt analytics that enhance our customers business. As part of Mobileum's risk management platform data integration capabilities, we provide access to TM Forum's Open APIs. By aligning data ingestion with TM Forum Open APIs, interoperability with existing ecosystems becomes seamless and cost-effective for communication service providers (CSPs) and easier to achieve the RoI on the deployment of our products.

How do you use those APIs?

To successfully monetize their connectivity capabilities, CSPs must match their offerings to the requirements of enterprises and vertical industry players. Beyond simple connectivity, they need to harmonize higher layer capabilities, such as network resource orchestration, analytics capabilities, and business and operations automation. At Mobileum, we can use the access to information to deliver the closed-loop assurance operators need to protect their services revenues during the processes of charging, service provisioning, and customer management. APIs such as customer bill management, prepay balance management, or service activation are examples of how we can integrate data faster to deliver risk insights and create their data pipelines for further exploration during case management and investigation.

How have you benefited from using these APIs?

Mobileum platform already provides APIs out-of-the-box, which are being leveraged by our customers. For instance our customers that use our risk management analytics on charging can leverage the Prepay Balance Management API to have consistent charging validations according with their subscriber base specific tariff plans and service usage.

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