

MY API STORY



DATA-INTENSIVE APIs

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Herfini Haryono, VP of Industry Verticals, OmniSci

Tell us about yourself and your job.

I lead OmniSci's go-to-market focus on several verticals, including telecom. OmniSci is the pioneer in accelerated analytics. The OmniSci platform is used in business and government to find insights in data beyond the limits of mainstream analytics tools. The OmniSci platform can query, filter, and visualize billions of rows of data in milliseconds. Major telecom companies rely on OmniSci to get speed-of-thought answers to critical operational questions, from ever-growing volumes of data.

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

Open APIs build markets and unlock critical value for CSPs by connecting systems and encouraging interoperability. TM Forum's Open API program is an excellent example of how to do it right.

To learn more about OmniSci visit:
www.omnisci.com

Open APIs and the Open Digital Framework

The Open Digital Framework helps businesses to improve their agility by migrating IT and operations into cloud-native environments, in a structured way. It is developing the core engine for the next wave of digital transformation, based on an AI-driven Open Digital Architecture, leveraging Open APIs, to enable zero-touch digital partnerships. The Framework is crowd-sourced from 850 member organizations, based on proven foundations, and is being built for a constantly-changing business world.

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

OmniSci is a platform for joining, querying, and visualizing large datasets. OmniSci users see value in a number of data-intensive TM Forum Open APIs to pull data from their systems into OmniSci for speed-of-thought analysis and decision making. The TMF628 Performance Management API and TMF666 Account Management API, are two examples.

Why did you choose to highlight those APIs?

Our platform is most relevant to APIs that provide access to large datasets, the results of which are typically joined with other data, to provide operational insights. Both the TMF628 Performance Management API and TMF666 Account Management API provide that kind of data access.

How do you use the APIs?

Our users employ these APIs to pull data from their existing systems into OmniSci's accelerated analytics platform. This can be implemented as a one-time ingestion from their data at rest, or with ongoing updates, to give the user near-real-time access to all of their data. Our users will typically pull data from multiple sources, using multiple APIs, and combine that data for deeper insight, either by joining tables using python or SQL, or by visualizing the multiple datasets on a single chart.

How have you benefited from using the Open APIs?

Having Open APIs gives our users access to more data, because they can get it more efficiently, which in turn gives them significantly more insight. The context gained by adding performance data with account data, for example, is not as simple as 1 + 1, because each dataset provides context to the other. Predicting customer growth from network investments, and understanding the impact of performance on churn, are both insights that can't be unlocked by just looking at a single dataset.

Where do you use them?

We are just getting started in our journey with TM Forum, but we have customers around the world, including major CSPs in North America, Asia and Europe. We see demand for these APIs across all regions.

We're also proud to be actively involved in a Catalyst project this year, called AI driven business assurance in 5G, and planning to form another for the Digital Transformation Asia event.