tmforumlive!
May 9-12, 2016 • Nice, France

Connecting Digital Ecosystems
Partner • Innovate • Grow

FIWARE/TMF Business API Ecosystem

Francisco de la Vega, UPM

Come and see available demos at FIWARE booth and API Zone

Joint FIWARE-TMForum collaboration

TM Forum and FIWARE join forces to speed the development of new smart city services

BY NEWS ROOM | OPEN DIGITAL ECOSYSTEM & IOT | NOVEMBER 19, 2015   0

TM Forum has today announced that it is working with FIWARE, an open cloud-based platform for the creation and delivery of applications and services, to deliver the key building blocks for enabling and connecting smart city ecosystems.
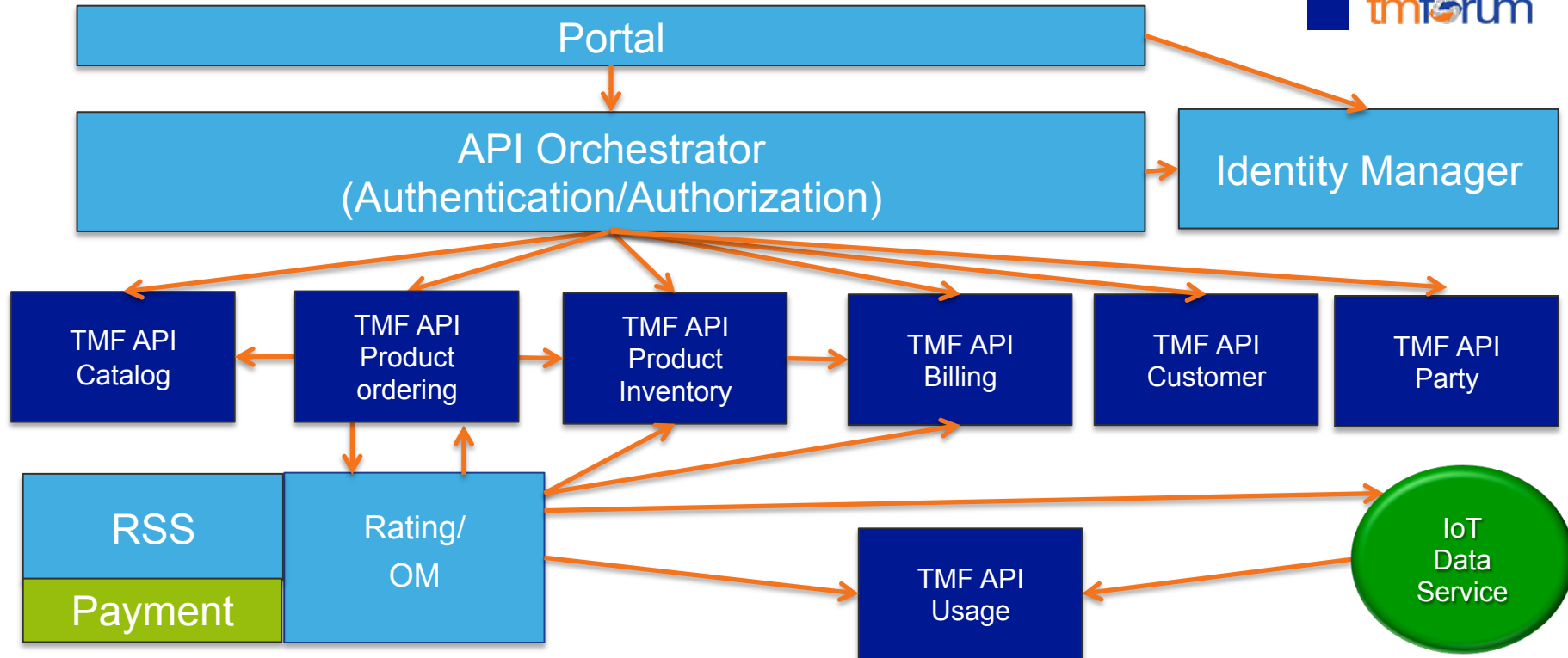
TM Forum is supporting FIWARE NGSI REST-based APIs for real-time access to contextual information for cities. This enables more efficient management of municipal services in areas such as mobility, water, waste, energy and environmental management, and also paves the way for the development of smart applications by third parties.

"Valuable real-time information will be shared across vertical management solutions currently working as silos, while at the same time fueling new innovative services when published as real-time open data," said Juanjo Hierro, coordinator and chief architect of FIWARE & CTO Industrial IoT, Telefónica. Cities can therefore make better decisions based on data from multiple sources, such as real-time environmental data and traffic management patterns.

In turn, TM Forum's Ecosystem APIs, including Product Catalog, Product Ordering and Product Inventory, will be incorporated within the specifications and open source reference implementation of the FIWARE Business Framework. This Framework enables the management and the monetization of different kinds of digital assets involving multiple partners. TM Forum's lightweight REST-based APIs have been crowdsourced from within TM Forum's diverse membership over the past three years and leverage more than 25 years of TM Forum's complex management systems expertise in billing, catalog management, service level agreements and policy. FIWARE will launch the new Business Framework, powered by TM Forum's Ecosystem APIs, at Mobile World Congress 2016.
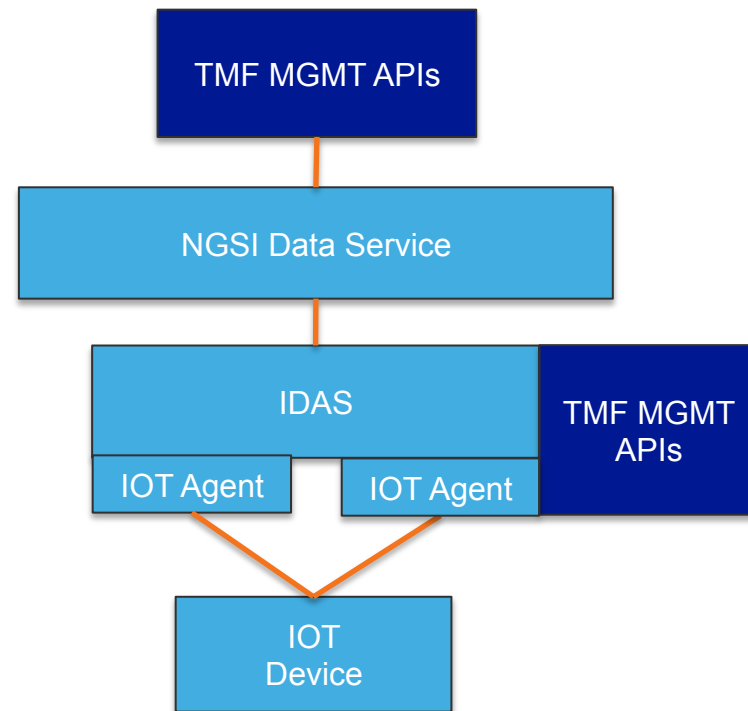
"Leveraging TM Forum's APIs and FIWARE's real-time city data creates a vibrant environment for third party developers to thrive within an open innovative ecosystem," said Joann O'Brien, vice president of Industry Collaboration, TM Forum.

Next Steps – Digital Service Management

- Onboarding

- Alarm

- Activation and Configuration

- Performance Thresholding

- Performance Management

- Trouble Ticket

- Usage Management

Benefits of using TMF Open APIs

FIWARE

- Standards for "Smart" Apps/Services
- NGSI API for context information

TMF Open APIs

- Rapid, repeatable, flexible integration among management systems
- End-to-end management capabilities

Standardized, interoperable platform for DS Management

Lets go live!

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