DAC
DIGITAL APICRAFT

Accelerating Digital Journey of **Telecom** Companies

Current scenario of the
Telco market

New technologies continue to disrupt the communications industry by offering improved customer experiences in this hyper-connected world. Be it network slicing, low latency mobile networks or gigabit connectivity; 5G promises countless opportunities for telecom companies enabling seamless cross-industry collaboration & accelerating the digital transformation journey.

Prediction of 5G market model pinnacle

The transition of Telcos from selling services to selling value-added services including system security, infrastructure fault tolerance & cloud performance

Driven by data & advanced analytics, the primary focus will be on a set of data points to build a seamless customer experience

Telco marketplaces where services can be listed for other ecosystem players for easy discoverability & consumption
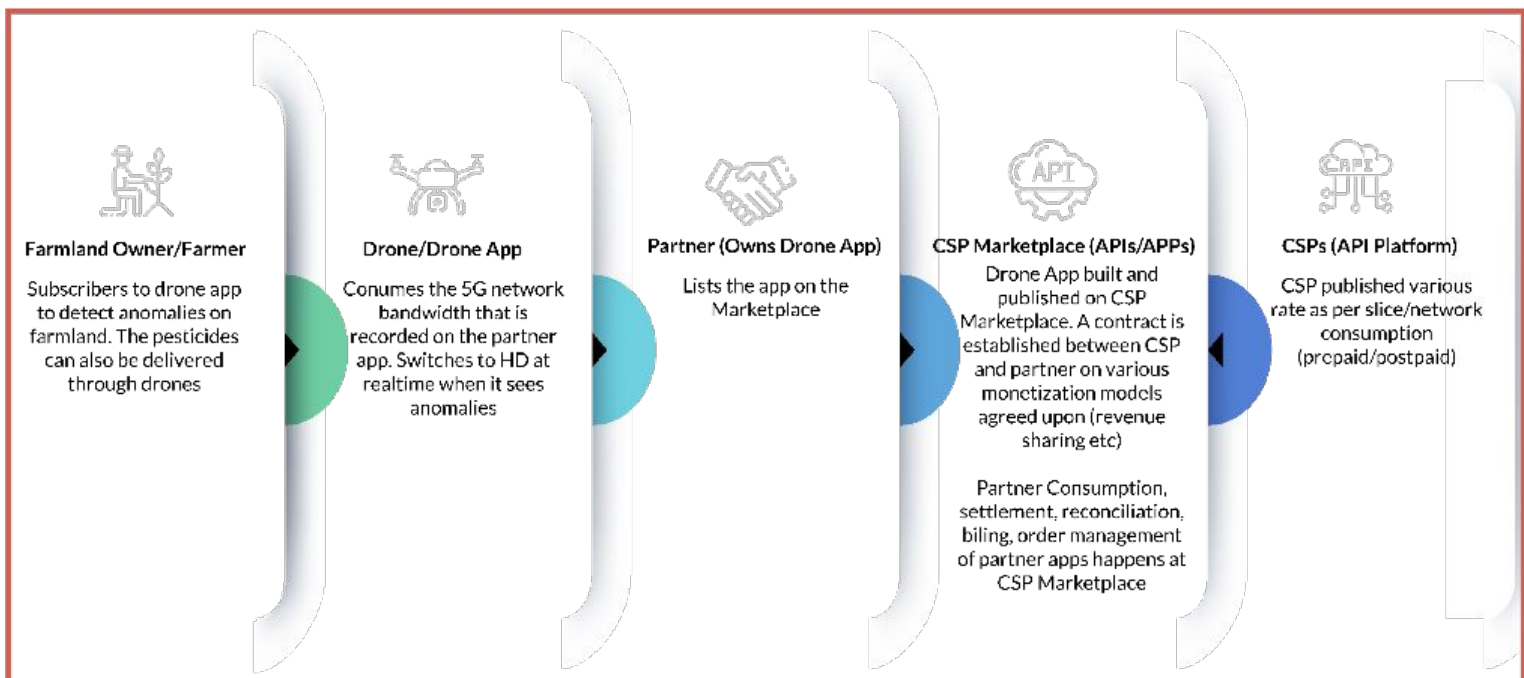
A strategic marketplace to enable the CSPs & Telcos to provide their offerings. Let partners list their products, access the system & comply with the revenue-sharing agreements

Use cases

Open the door to tons of network monetization options with 5G, powered by the Internet of Things (IoT) and augmented reality technology

Video surveillance & analytics

Remote monitoring, IoT platforms & Industrial automation

Immersive entertainment such as live streaming & AR / VR solutions

V2X, autonomous driving, enterprise (B2B, B2B2X business models) & vehicle maintenance

Drones As a Service (5G signal QoS assessment, Surveillance)

Smart homes, smart health & smart cities

Connected stadium (fan experience)

5G Monetization Use Case

Farmland Owner/Farmer

Subscribers to drone app to detect anomalies on farmland. The pesticides can also be delivered through drones

Drone/Drone App

Conumes the 5G network bandwidth that is recorded on the partner app. Switches to HD at realtime when it sees anomalies

Partner (Owns Drone App)

Lists the app on the Marketplace

CSP Marketplace (APIs/APPs)

Drone App built and published on CSP Marketplace. A contract is established between CSP and partner on various monetization models agreed upon (revenue sharing etc)

Partner Consumption, settlement, reconciliation, biling, order management of partner apps happens at CSP Marketplace

CSPs (API Platform)

CSP published various rate as per slice/network consumption (prepaid/postpaid)

Why 5G Monetisation for CSPs?

- Faster network speeds & bandwidth

- Offers non-conventional revenue streams for CSPs

- Automate the whole process of publishing & subscribing rate plans

- Flexible service offering

- Network reliability

- Ultra-low latency

- Guaranteed quality of service

CSPs can now leverage the potential of 5G monetization systems to deliver the promise of 5G from day 1

Tools CSPs need to foster 5G Monetization

To securely open up their networks to partners for the first time, CSPs need the following tools

Robust API platform for 5G APIs

An API platform to help partners connect with CSP's 5G network for easy & secure exchange of information

API Marketplace

- Partner onboarding, registration etc
- One platform to configure, price & quote services
- Helps CSPs orchestrate APIs with external partners

Developer & 3rd party ecosystems

A reliable ecosystem to let developers innovate quickly & help businesses bring new offerings

How DAC products are shaping the Telco industry

**Through our
One API Marketplace Product suite**

1 Our APIMarketplace will enable you to accelerate customer success by delivering applications across devices

2 Our marketplace offers plethora of opportunities to create new business models to let partners & developers monetise or extend your services through apps

3 Offers amazing flexibility to design the rate plans and packages for monetization

4 Seamless integration with payment gateways

5 Helping developers/partners tap into the global market

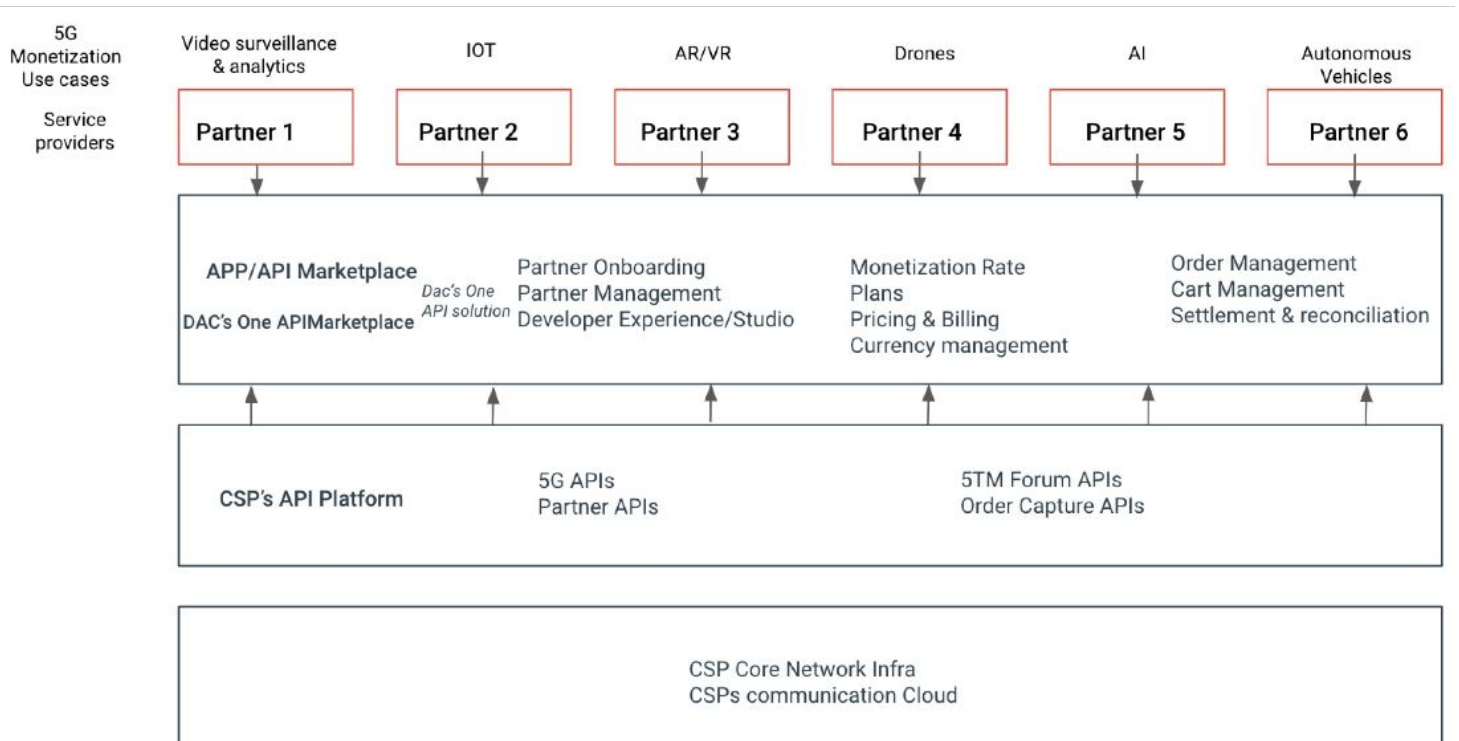**6** Innovation around applications & APIs

7 Enable developers to extend Telco services & create applications

8 Assist developers to tap into the global market & add maximum value to customers

9 Explore agile techniques of Internet companies

5G Monetization Use cases	Video surveillance & analytics	IOT	AR/VR	Drones	AI	Autonomous Vehicles
Service providers	Partner 1	Partner 2	Partner 3	Partner 4	Partner 5	Partner 6

APP/API Marketplace

DAC's One APIMarketplace   *Dac's One API solution*   Partner Onboarding
Partner Management
Developer Experience/Studio

Monetization Rate
Plans
Pricing & Billing
Currency management

Order Management
Cart Management
Settlement & reconciliation

CSP's API Platform   5G APIs
Partner APIs   5TM Forum APIs
Order Capture APIs

CSP Core Network Infra
CSPs communication Cloud

About Digital**API**Craft

DigitalAPICraft, through its products and services, helps global brands establish their API Ecosystem and transform into a truly Experience Enterprise. As a leading end-to-end digital transformation partner, our API-led approach enables banking, healthcare, telecom, insurance & retail companies to offer delightful customer experience, transform business processes and boost operational efficiency.

DigitalAPICraft has been awarded "Delivery Partner of the Year for APAC 2017- Google Cloud" and is a premier Google - Apigee partner. Over three consecutive years (2020, 2019 & 2018), DigitalAPICraft is recognized as one of the fastest-growing technology companies by Deloitte in its Technology Fast 50 India and twice (2019 & 2018) in Technology Fast 500 Asia pacific rankings.

Located in USA, UK, and India, and with customers across the globe, DigitalAPICraft brings extensive product and platform experience to help enterprises with digital strategy and consulting, disruption engineering, end-to-end DevOps, experience engineering, and much more.

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