

# KDDI's approach to Open Gateway

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**Masaaki Koga**  
Executive Director  
**KDDI**

# KDDI's approach to Open Gateway

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Masaaki Koga

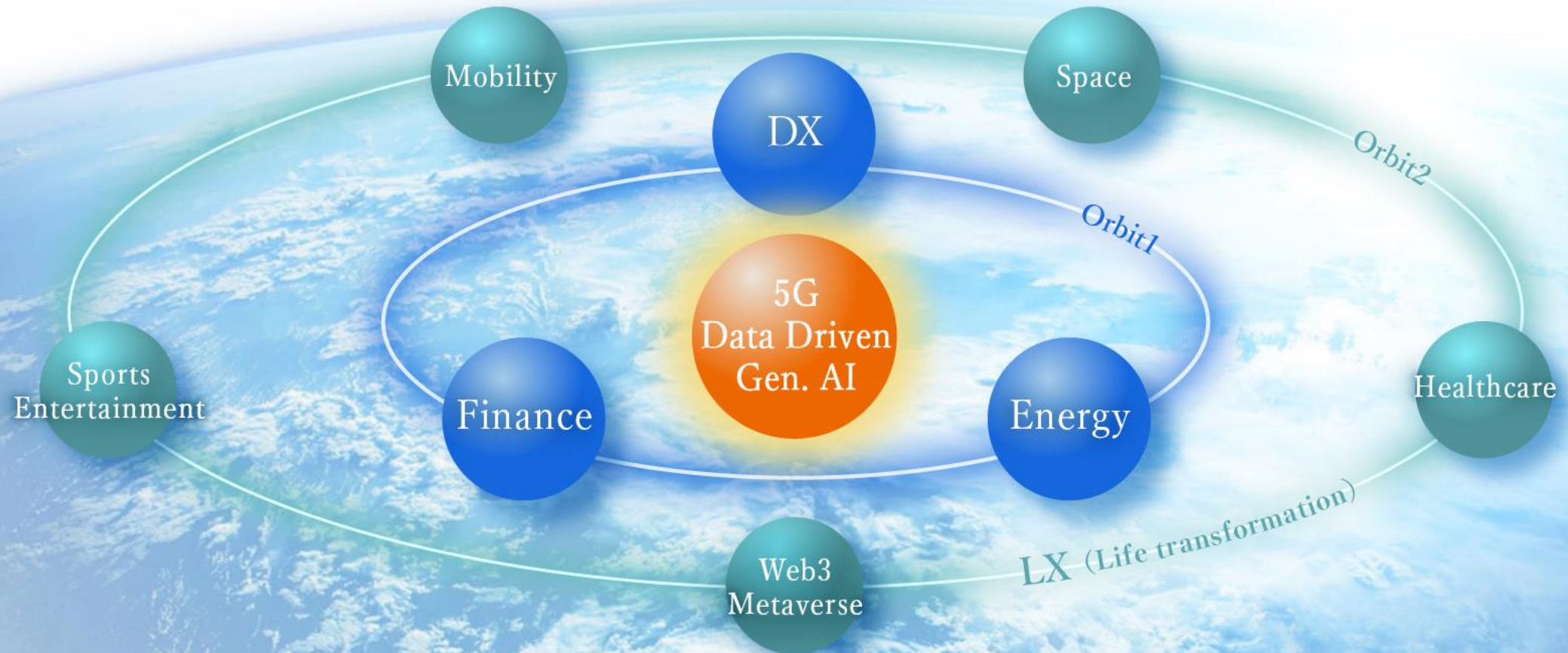
KDDI Corporation

26<sup>th</sup> June 2024

# 1. KDDI's Business update

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# New Satellite Growth Strategy



## Initiatives for the future

### To Global

Expand into the global market

Capture demand for DC/IoT and growth in emerging countries

### With Life

To be a company customers feel closest to

Strengthen customer contact points  
Promote CATV/Regional co-creation

### For Future

Develop future talent and startups

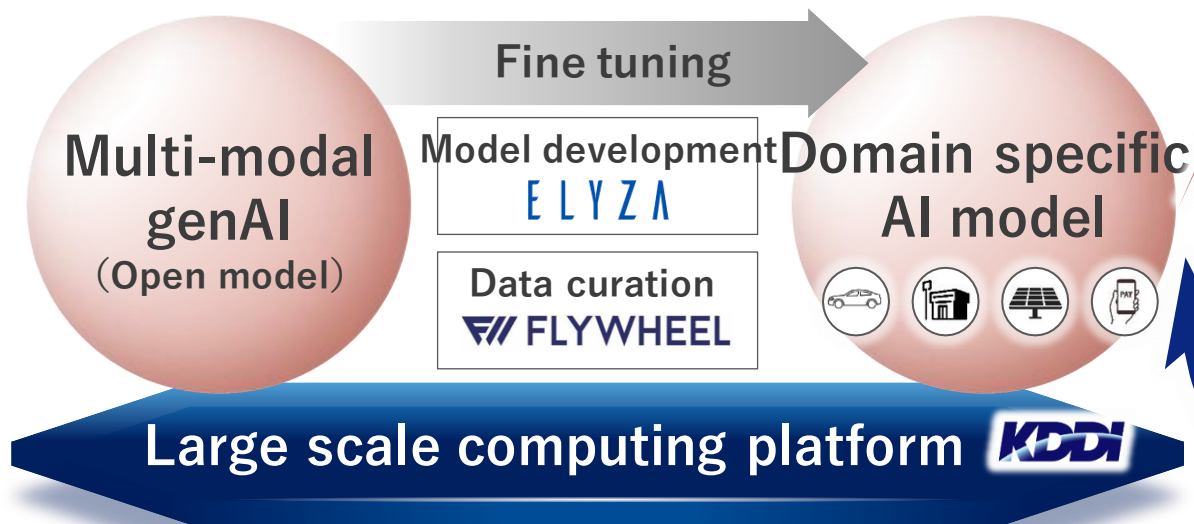
Provide opportunities to enhance vitality and expertise

# Infrastructure for genAI

## Building platform for development and use

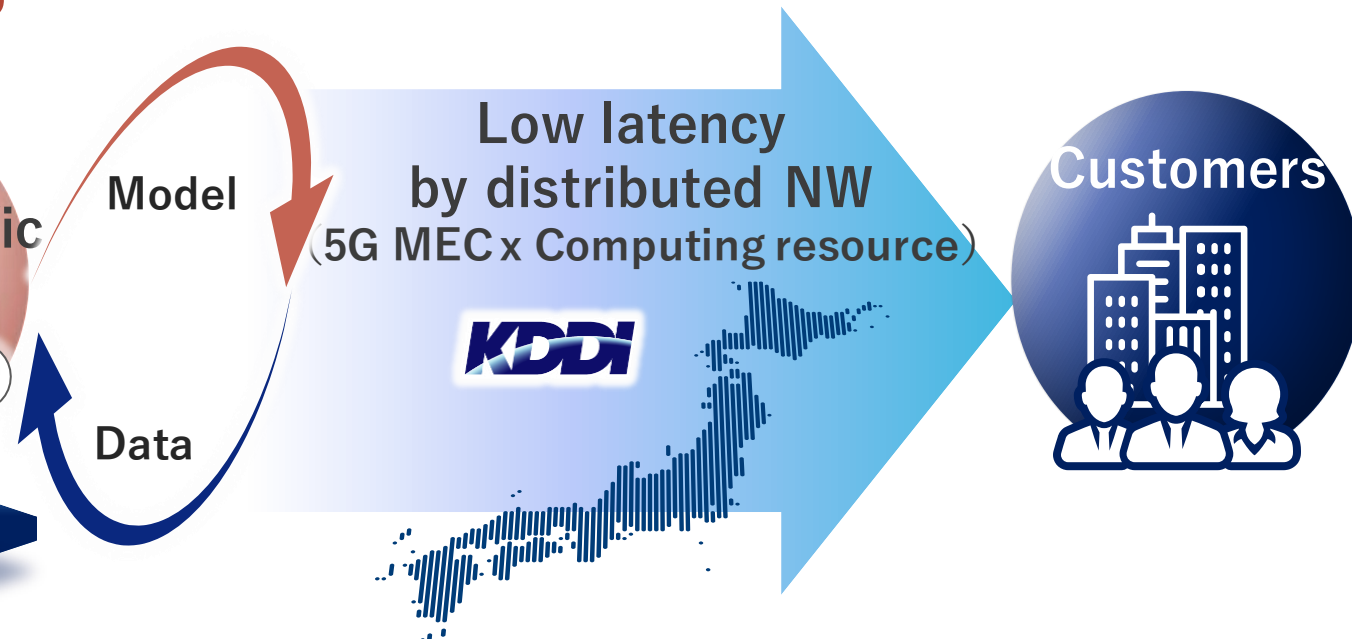
### For development

- Large scale computing platform
- Speedy model development with start-up



### For use

- Close to customers



# Growth Areas

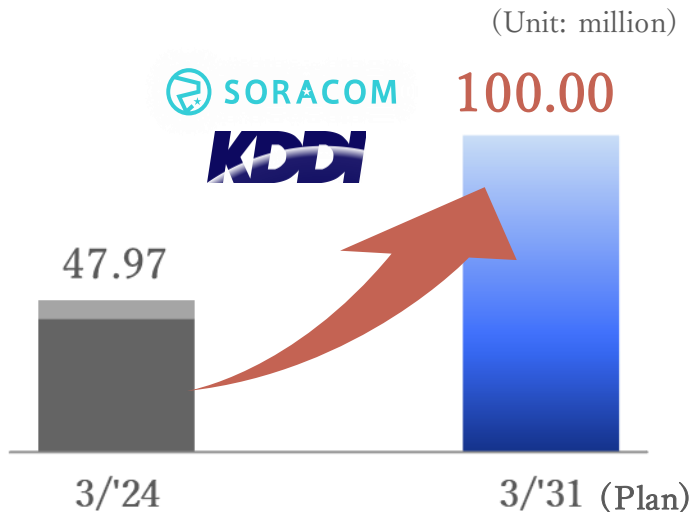
## Leverage Customer Base and Telecom Strengths for AI Era

### IoT Connections (incl. SORACOM)

Aim for 100+ million connections with partners



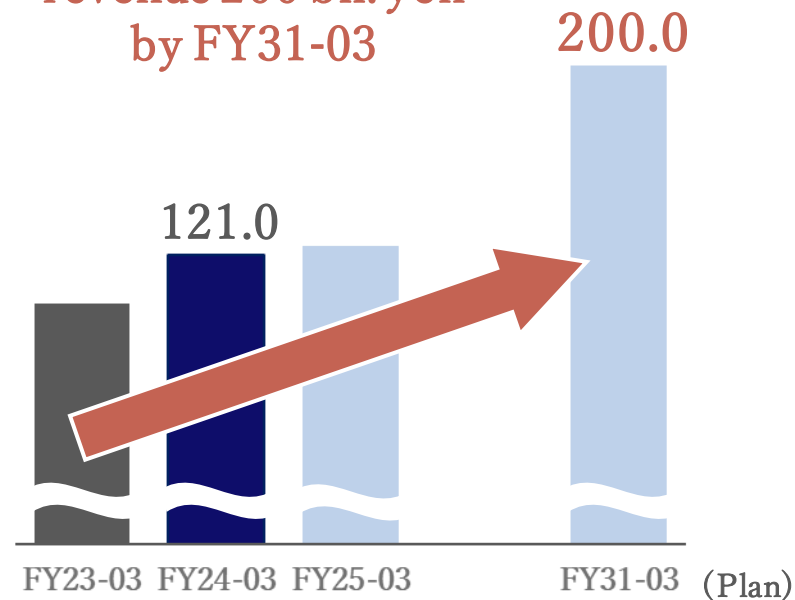
Connected specialized company established in North America



### Data Center

Expand business by capturing demand in AI Era

Aim for operating revenue 200 bil. yen by FY31-03 (Unit: billions of yen)



### Digital BPO\*

AI and data utilization for high value-added



#### Digital BPO Platform "Altius ONE"



Utilize group assets  
Resolve customer issues

\* BPO method that outsources a series of operations by utilizing AI and other digital technologies to improve the efficiency of outsourced operations, rather than outsourcing operations using only human resources.



# WAKONX

(WAKON-CROSS)

## Start business platform of AI Era



# WAKONX

Through co-creation with partners, support growth of customer business and solving social issues

## 2. KDDI's approach to Open Gateway

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# KDDI's Active Contribution to Open Gateway/CAMARA

Leading the industry from an early stage with remarkable accomplishments

## Involvement in Open Gateway/CAMARA

### **GSMA™** Open Gateway

- Founding member in Feb. 2023 (MWC23), the only MNO from Japan

### **CAMARA** **CAMARA** THE TELCO GLOBAL API ALLIANCE

- Founding member in Feb. 2022 (MWC22), the only MNO from Asia
- Now TSC\* member (Toshi Wakayama), the only one from Asian members

(\*Technical Steering Committee)

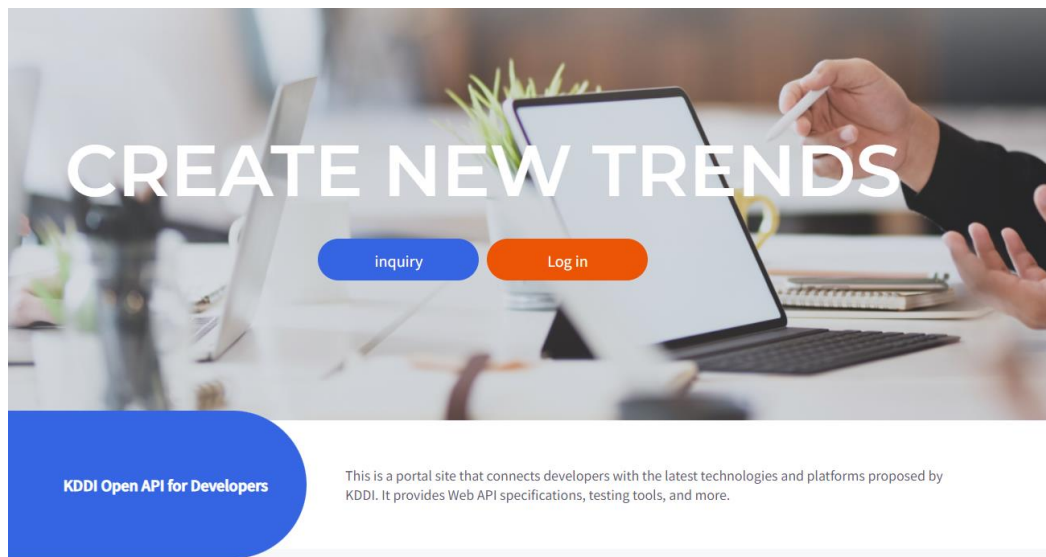
## Accomplishments in 2023

- Completed two APIs initial specs as API owner:
  - KYC\* Match
  - KYC Fill-in
- KDDI launched both APIs by end of 2023

(\*KnowYourCustomer)

# KDDI's API Portal for Developers

Developer Portal “KDDI OpenAPI for Developers” **KDDI** OpenAPI  
(<https://developers.apis.kddi.com>) for Developers



(Note: This slide is to show website images of our API portal. It is written in Japanese, but translation in English by the web browser is shown here.)

## PRODUCTS



### Mini Apps

You can offer your services through the au PAY app.

[overview](#) [document](#)



### XR

You can implement and distribute high-quality XR apps that take advantage of MEC's low latency characteristics.

[overview](#) [document](#)



### KDDI Location Data

This is a service that provides past, present, and future demographic data.

[overview](#) [document](#)



### Consent Management Function (PPM)

This is a consent management function that complies with legal regulations such as the Personal Information Protection Act and revised Civil Code.

[overview](#) [document](#)



### Identity verification support service

Smoothly verify the identity of au mobile phone users by matching their personal information.

[overview](#) [document](#)

## KYC Match KYC Fill-in

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# Open Gateway APIs – Overall Picture

API Portfolio Overview: >20 APIs available currently, and more to come

API Portfolio	Anti-Fraud			Mobile Connectivity / Value-Added Services			Fixed Connectivity
CAMARA API	Device Status	Number Verification	Call Forwarding Signal	Device Location Verification	Population Density Data	Quality on Demand (QoD)	Home Device QoD
	SIM Swap	OTP Validation	Age Verification	Geofencing	Region User Count	Connectivity Insights	Cloud & Edge
	IMEI Fraud	KYC Match	Tenure	Location Retrieval	Click to Dial	Verified Caller	Simple Edge Discovery
	Device Swap	KYC Fill-in	Number Recycling	Location Insight	Send SMS	Network Slice Booking	Traffic Influence
	•	•	•	•	•	•	Payments
	•	•	•	•	•	•	Carrier Billing

**Led by KDDI (API Owner/ Co-owner)  
/ KYC Match & Fill-in launched**

(This list is not an exhaustive list and includes WIP APIs.)

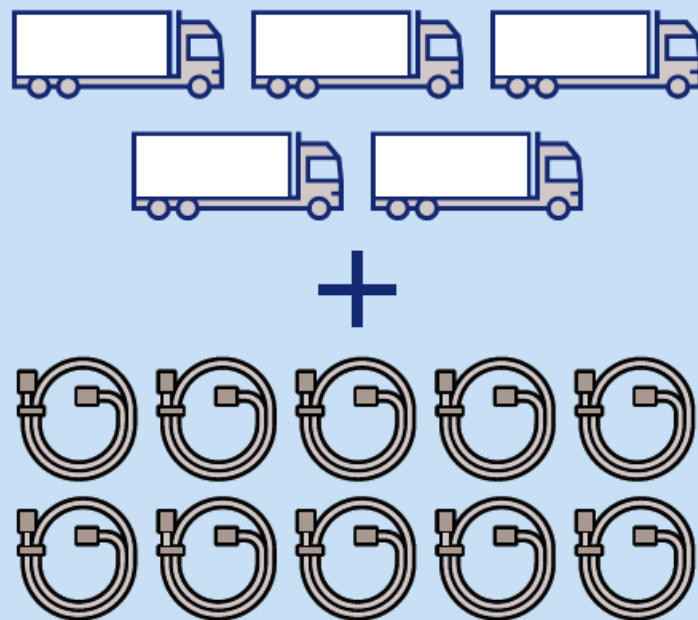
\*References: GSMA Open Gateway API Descriptions (<https://www.gsma.com/solutions-and-impact/gsma-open-gateway/gsma-open-gateway-api-descriptions/>)

CAMARA project GitHub (<https://github.com/camaraproject>) and Homepage (<https://camaraproject.org>)

# A PoC use case for broadcasting industry

## Use Cases

### Current



- Large-scale equipment, such as heavy vehicles, is required.

- Wired cable installation required for extensive setups.

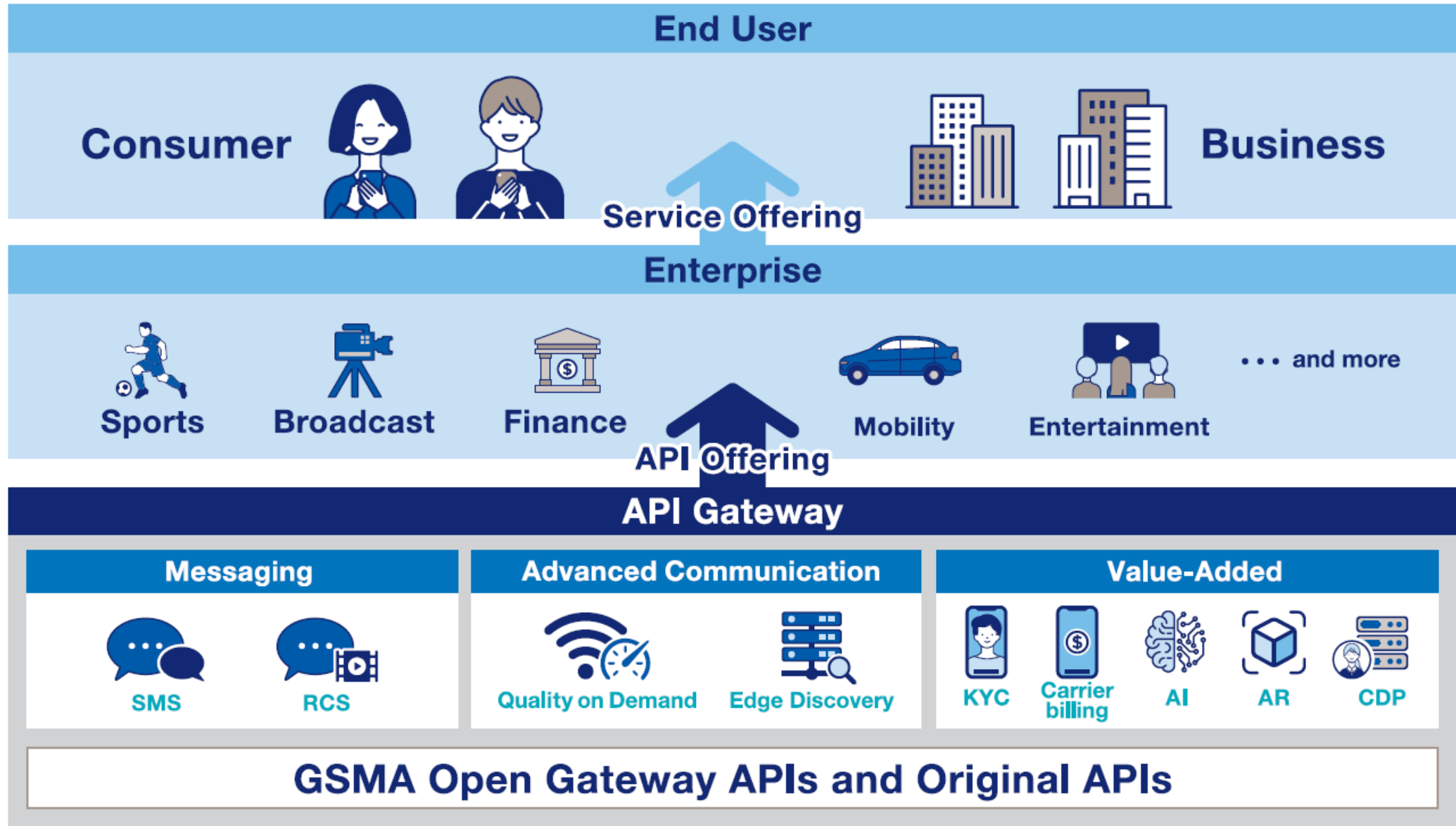
### Future



- Wireless technology streamlines on-site operations.

- Real-time editing with MEC

# Overview of API-driven partnerships





Enhancing the power to connect  
to create a society where anyone can  
make their dreams come true.

# KDDI VISION 2030

