SPRY FOX
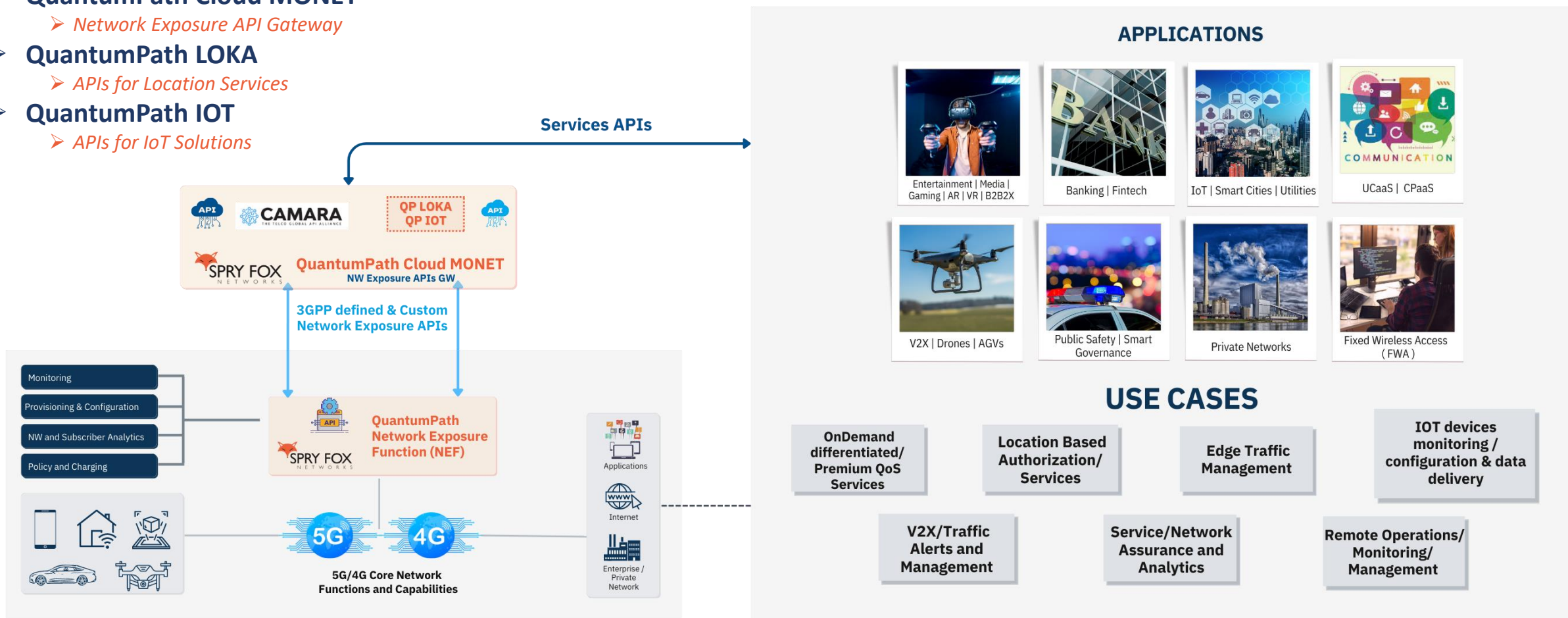NETWORKS

Reference NEF as a Service
for

CAMARA
THE TELCO GLOBAL API ALLIANCE

Network Exposure Solution Offerings

- **QuantumPath NEF**
  - *Network Exposure Function (5G/4G)*
- **QuantumPath Cloud MONET**
  - *Network Exposure API Gateway*
- **QuantumPath LOKA**
  - *APIs for Location Services*
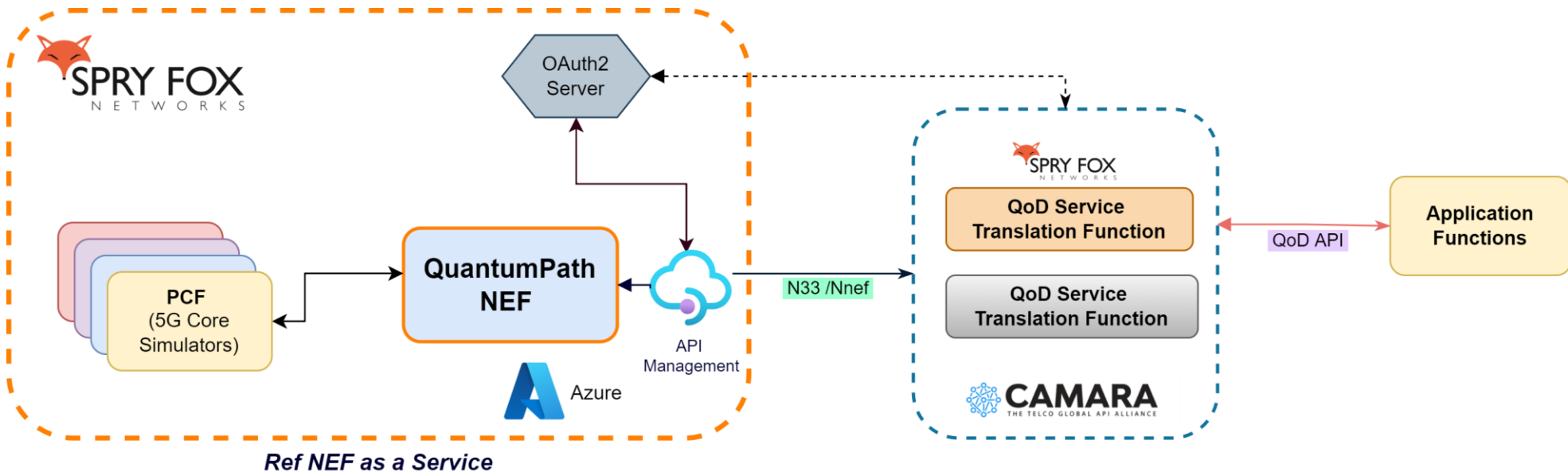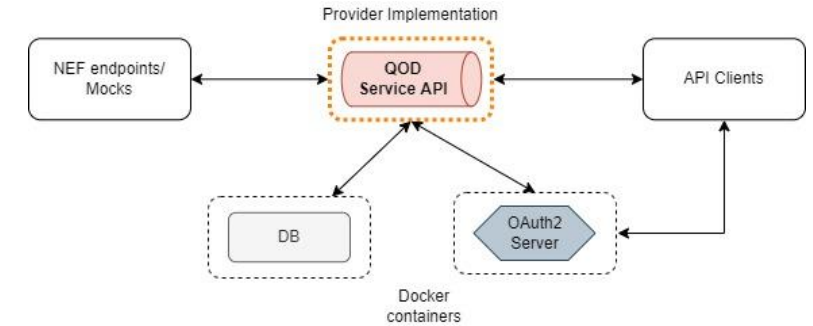- **QuantumPath IOT**
  - *APIs for IoT Solutions*

Services APIs

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QP LOKA
QP IOT

API

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NETWORKS

QuantumPath Cloud MONET
NW Exposure APIs GW

3GPP defined & Custom Network Exposure APIs

Monitoring

Provisioning & Configuration

NW and Subscriber Analytics

Policy and Charging

QuantumPath Network Exposure Function (NEF)

SPRY FOX
NETWORKS

Applications

Internet

Enterprise / Private Network

5G **4G**

5G/4G Core Network Functions and Capabilities

APPLICATIONS

Entertainment | Media | Gaming | AR | VR | B2B2X

Banking | Fintech

IoT | Smart Cities | Utilities

UCaaS | CPaaS

V2X | Drones | AGVs

Public Safety | Smart Governance

Private Networks

Fixed Wireless Access (FWA)

USE CASES

OnDemand differentiated/ Premium QoS Services

Location Based Authorization/ Services

Edge Traffic Management

IOT devices monitoring / configuration & data delivery

V2X/Traffic Alerts and Management

Service/Network Assurance and Analytics

Remote Operations/ Monitoring/ Management

Contributions to CAMARA

- Reference QoD Service Implementation (Feb 2023)

  https://github.com/camaraproject/QualityOnDemand_PI3

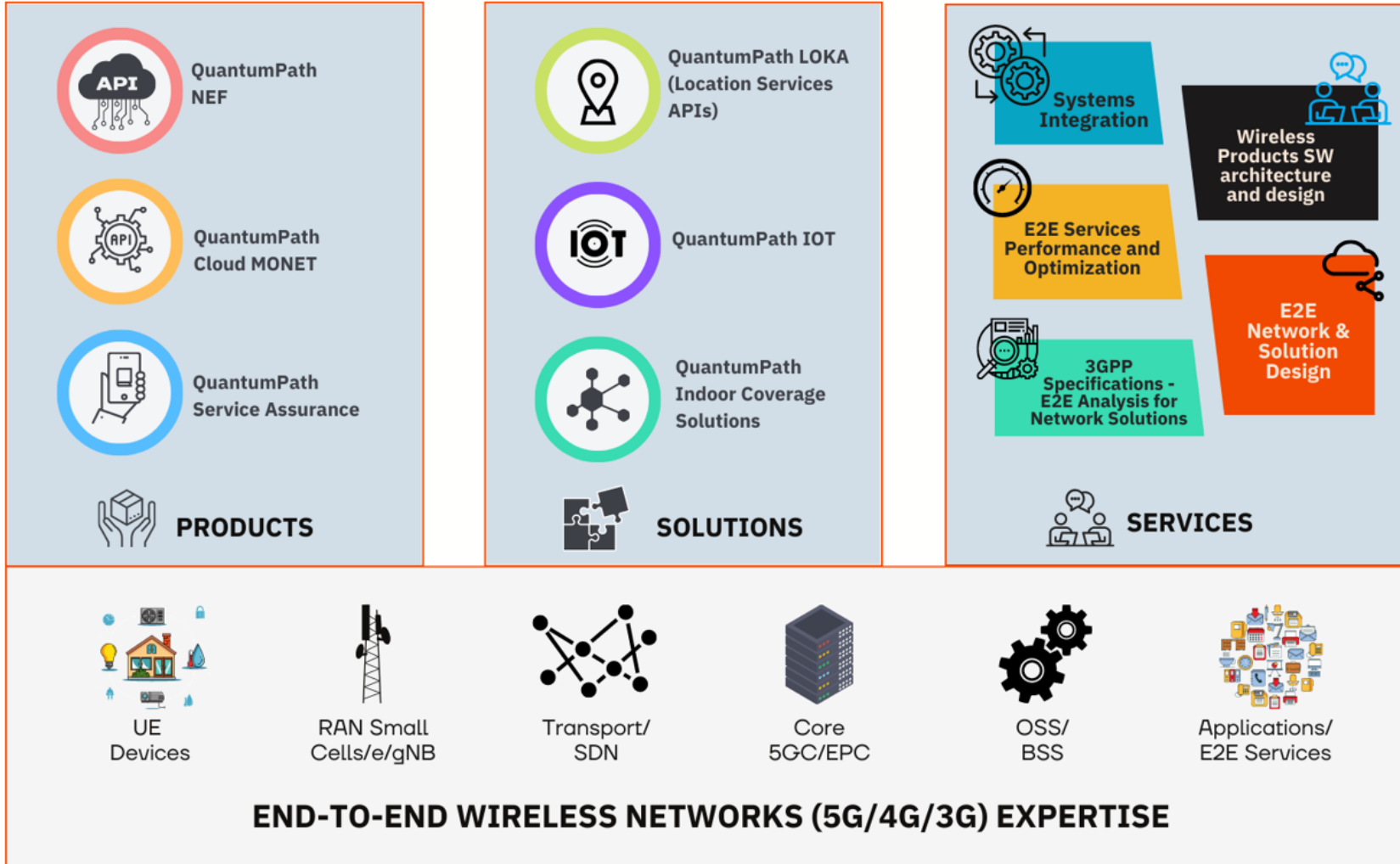- **Reference NEF as a Service** — Available TODAY !
  - Supporting AsSessionwithQoS NEF APIs (Rel 16)
  - For QoD Service API development and validation by CAMARA community members
  - Hosted on Azure Cloud along with 5G Core Simulators

Ref NEF as a Service

Reference QP-NEF : How to access?

- Registration
  - Send registration request email to *qpnef-camara-support@spryfoxnetworks.com*
    - including detailed information about your company, project/team, and intended use case
  - Any technical support queries, please direct them to the same email address

- Swagger UI
  - https://labs-api.spryfoxnetworks.com/swagger
  - API & Documentation
  - No code testing support

- Access Token Endpoint
  - https://labs-api.spryfoxnetworks.com/oauthserver/qpnef/accesstoken

- API Access
  - https://labs-api.spryfoxnetworks.com/qpnef

About Us

- Team of high calibre - E2E wireless network experts with over three decades of experience developing, integrating, deploying, and innovating across all generations of wireless products and networks

- A self-funded business

- Based in UK & USA