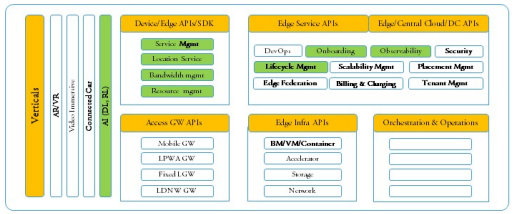
Edge Application Enabler APIs Outline

- Overview
  - What is Edge Application Enabler
  - Group/orgs in this domain
  - What should be the focus of "Akraino" application enabler APIs
    - Compared to TIP Edge Application Developer Group
    - Compared to Public Cloud Edge APIs
    - One unique value is to identify how to satisfy the application requirements from Access GW
    - APIs show how to federate among Operators ???
  - Layers of APIs
    - General application platform APIs
    - Vertical platform APIs
    - Edge and Cloud collaborated
  - Landscape



- Interfacings
  - Device_Edge interfacing
  - Edge Application
  - Edge_Cloud_Interfacing
  - Edge Infrastructure Interfacing
  - Orchestration and Operation interfacing
  - Access Gateway interfacing
- API Formats
  - REST API
  - Subtopic 2
- Use Cases
  - Cell Phone offloading AI model inference to Edge
    - AI offloading to cloud APIs
    - offloading process work flow
    - Offloading Data flow
    - On Device
    - on Edge
      - Inference platform
        - KubeFlow/MLFlow/MLOps
        - TensorRT
        - Tensorflow Lite on container
      - Hardware choices
        - NVIDIA
        - X86 with NPU
        - HiSilicon
  - IoT
- Verticals
  - AR/VR
  - Connected Vehicles
  - Enterprises
  - Mobile Gaming
- Developer Experience