Open Networking Korea 2017 Spring
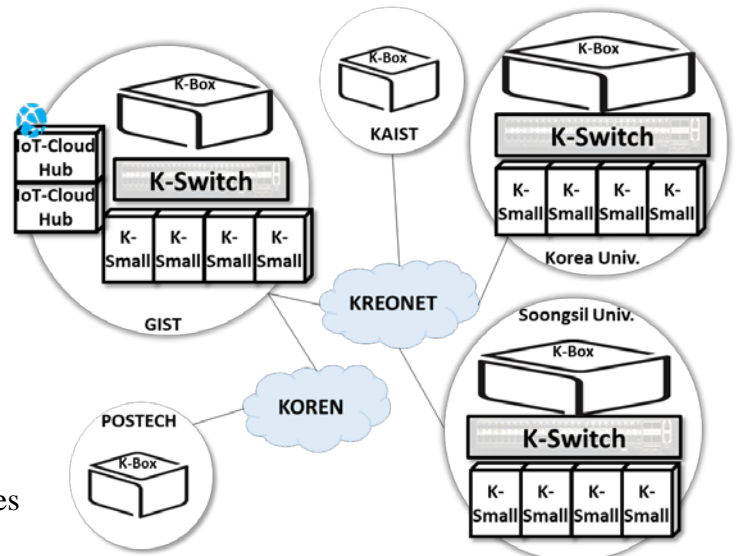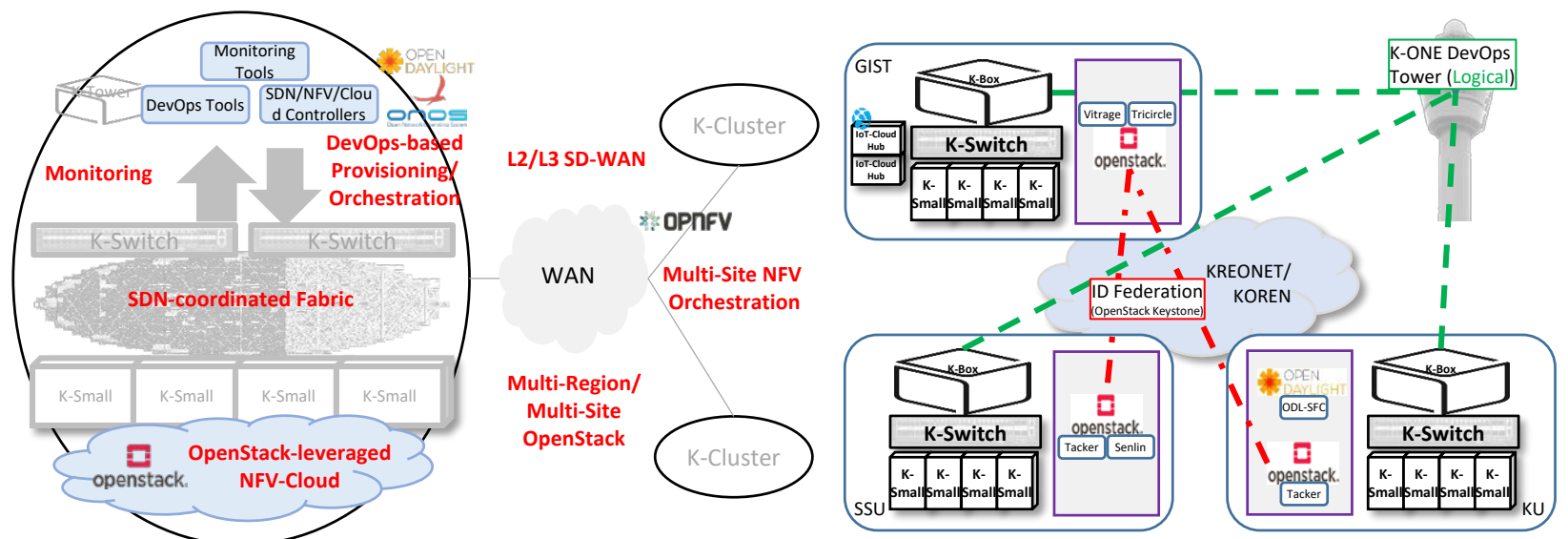
K-ONE GIST 김종원 교수팀

K-ONE Playground: Multi-Site Edge-Cloud Testbed for SDN/NFV/Cloud Services Realization

What is K-ONE Playground?

- Multi-Site Playground for…
  - IoT-SDN/NFV-μCloud
  - Multisite Infrastructure
  - Clustering Software
- Comprise of multiple distributed K-Clusters
  - Edge Computing Concept
  - Cheap & Easy
- DevOps-based Operation with K-DevOps Tower
  - Comprise of multiple K-Towers
  - Monitor & Control K-Clusters with Automation Centers
- We are operating K-ONE Playground…
  - Multiple K-Cluster/K-Boxes placed in K-ONE Consortium sites
  - Connects K-Clusters with KREONET/KOREN

SDN/NFV/Cloud Service Realization over K-ONE Playground

K-DevOps Tower-centric Service-Realization

K-DevOps Tower Concept

K-DevOps Tower Configuration