

Technology overview

- Highly scalable and reliable SDN controller architecture for carrier networks
- Supporting dynamic and elastic multi-domain virtual tenant network
- Autonomic control, management and orchestration of ICT & carrier network resources

Core Technologies

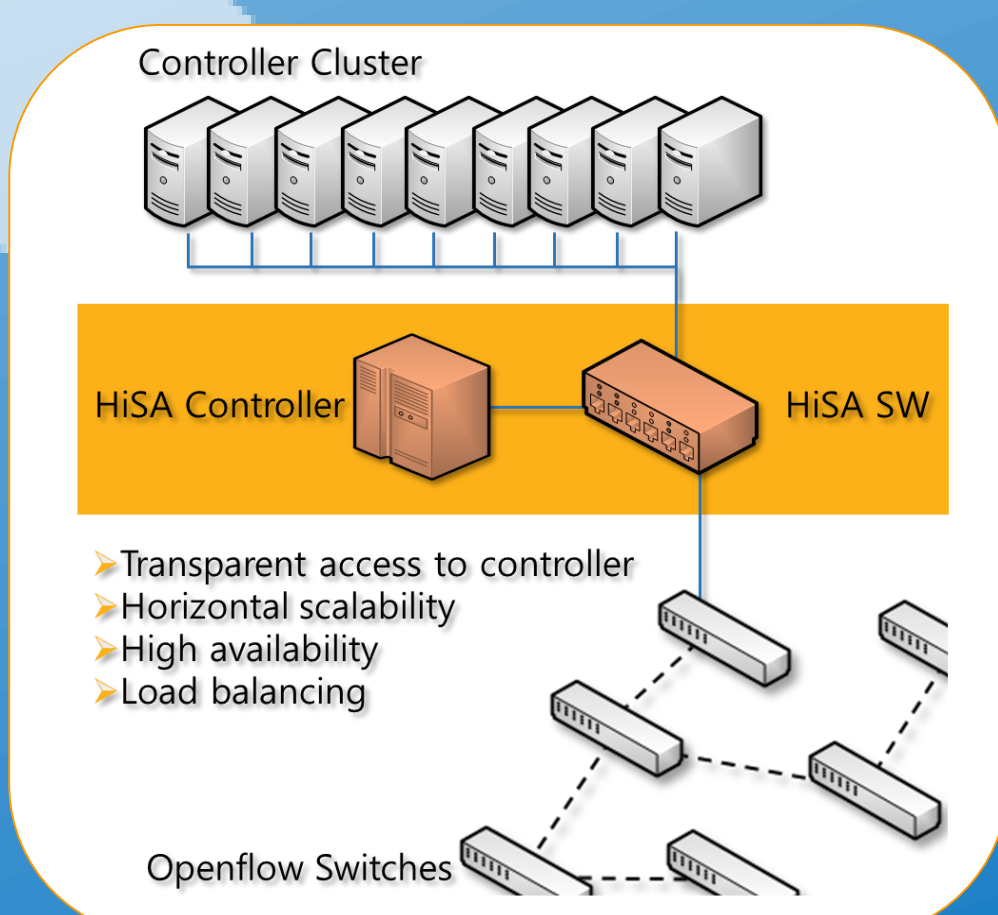
- Highly Scalable and Reliable SDN Controller
 - IRIS-HiSA & RAON Architecture Supporting Multi-layer VTN/Packet/Optical Control
- SDN/NFV based NaaS Platform
 - Resource Provisioning Automation : One-stop Compute & Networks DevOPS
 - QoE/QoS-enabled VTN Traffic Steering, and etc.
 - Multi-layer Resource Monitoring, Optimization, and Fault Management

Application Area and Advantages

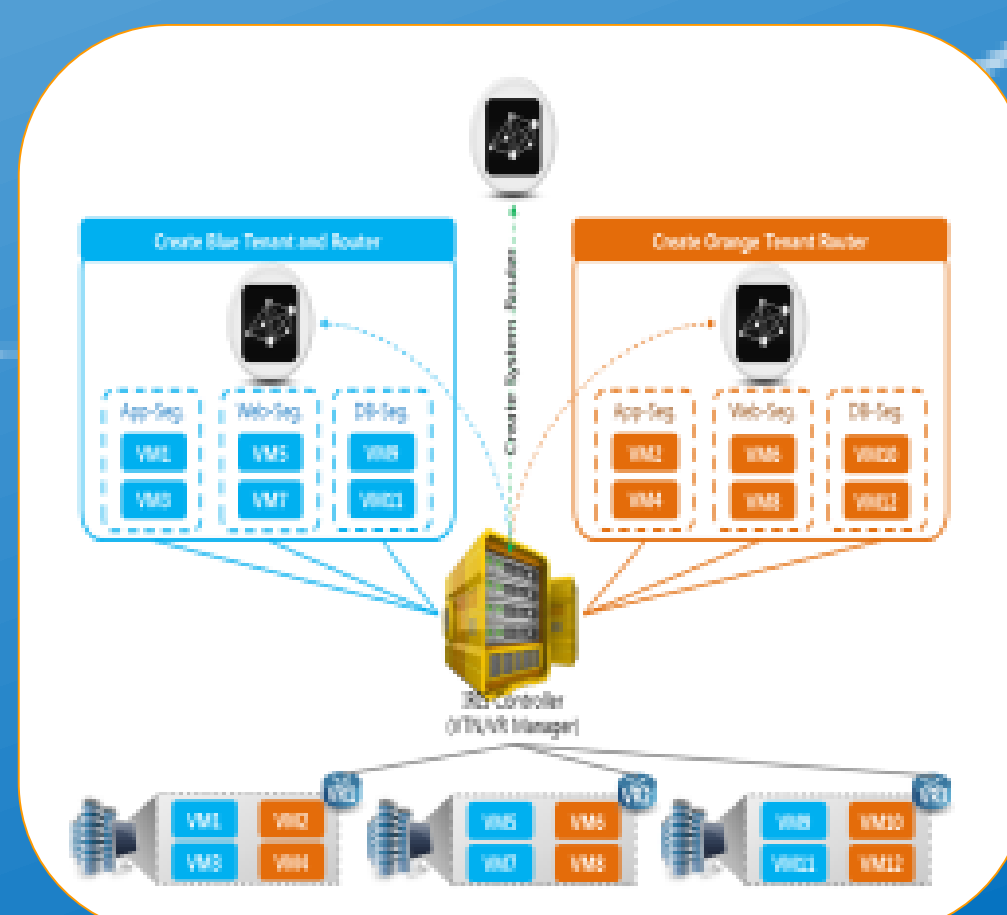
- Virtual Tenant Networking in Cloud Data Center
- Distributed Cloud Networking
- SDN/NFV-based 5G Core Network
- Software-defined Optical Transport

Accomplishments

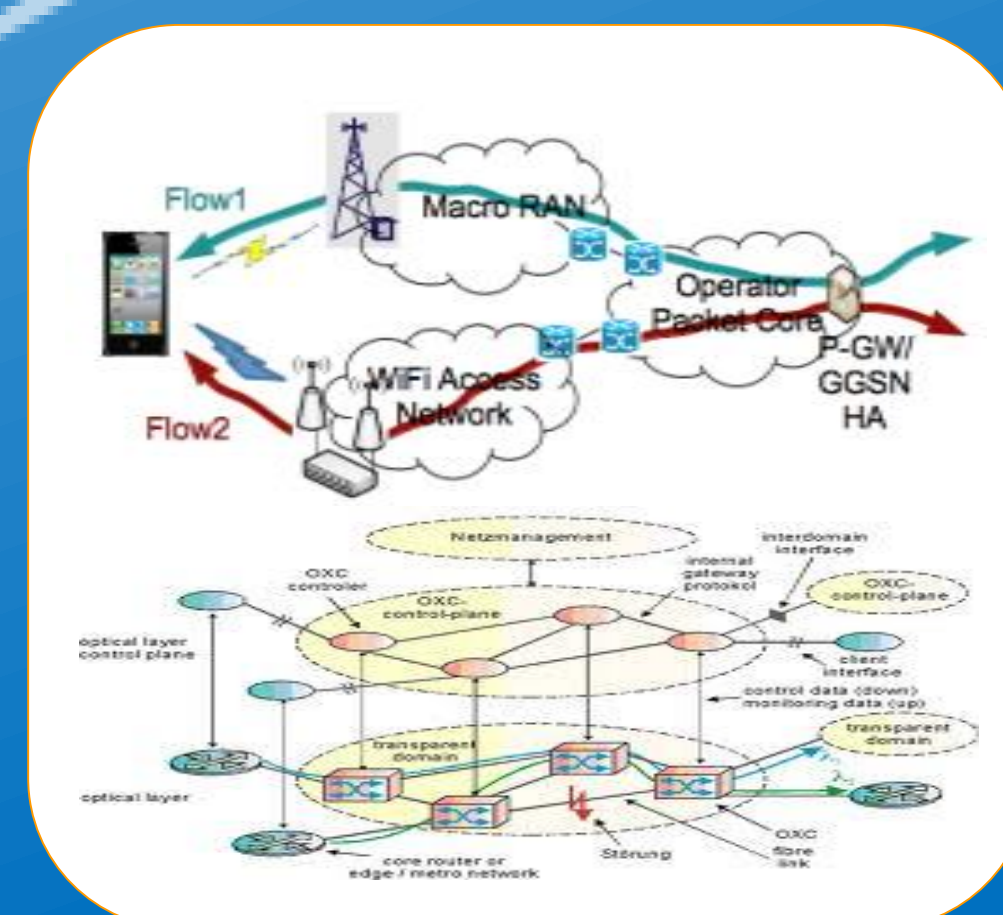
- Software Defined Cloud/Inter-DC Virtual Networking Control and Management Software
- Highly Scalable and Available SDN Architecture & Algorithm IPR and Standards (IRIS-HiSA/RAON/SUMA)
- Partnership (technology transfer, technology licensing)



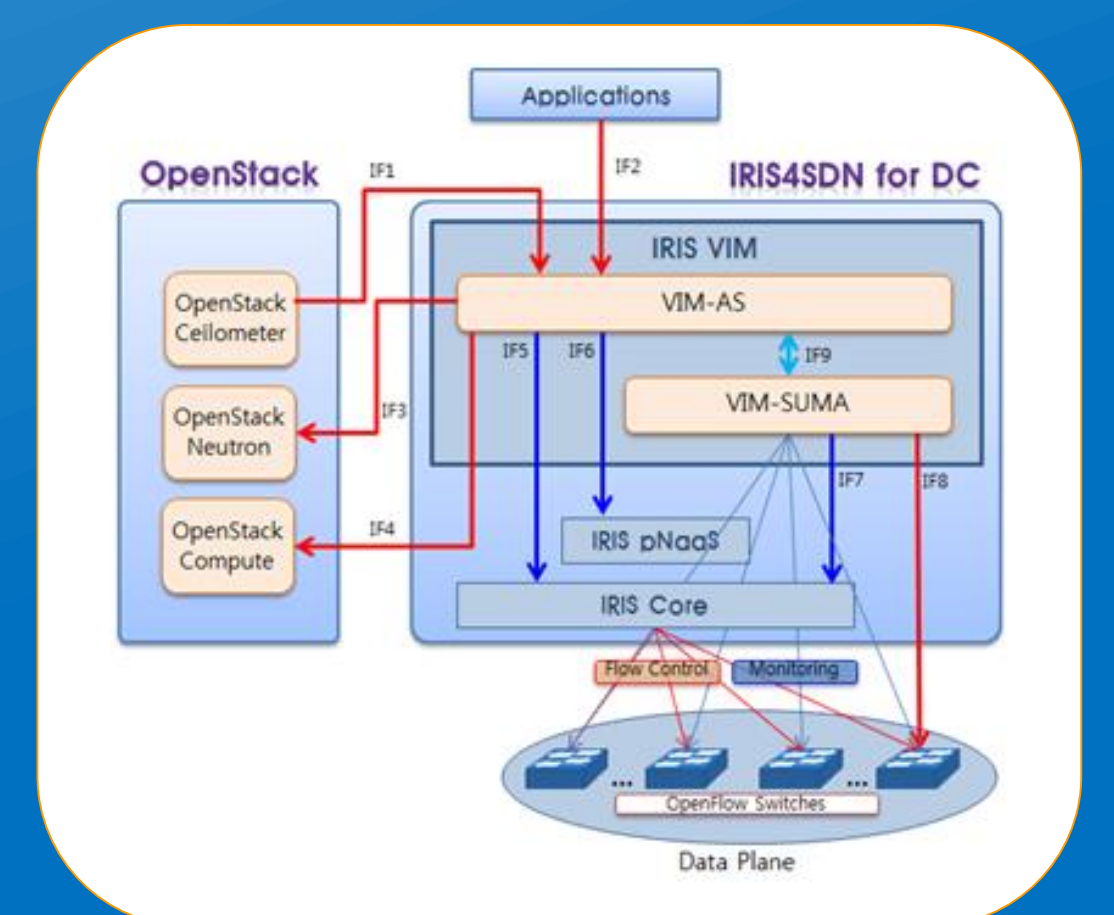
Scalable/Reliable Controller



Virtual Tenant Networking



SDN/NFV-based 5G Core/Optical Networking



Intelligent Virtual Infra. Management