

# 5G & BEYOND



## ULAK 5G New Radio



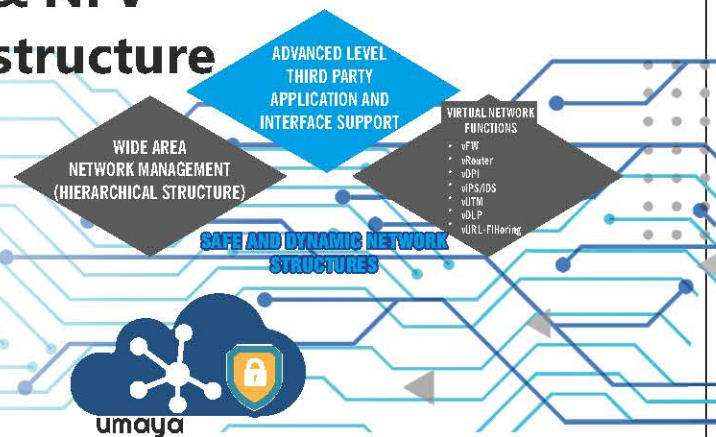
- 3.5GHz & 26GHz
- Macro solution with full mMIMO capability
- NSA&SA solutions integrated with Ulak eNB
- Open standard interfaces and full flexibility



## 5G Core Network

- Edge computing
- On-demand Slicing
- Virtualized Functions
- Mission Critical Services

## 5G SDN & NFV Based Infrastructure



umaya /ulakhaberlesme



5G & BEYOND

# uMAYA 5G READY

## Software Defined Data Center

### SD-DC



#### SD-DC COMPONENTS

- MAYA SD-DC Controller
- Leaf-Spine Fabric
- COTS Hardware
- Infrastructure Virtualization
- MANO

#### KEY TECHNOLOGIES

- ETSI/NFV Compatible
- Service Oriented Architecture
- High Performance Leaf-Spine Fabric
- OpenStack Virtualization Technology
- VNF Management and Orchestration
- High Available, Carrier Grade & 5G Ready Control Plane (MAYA SDN Controller)



#### SD-DC Controller

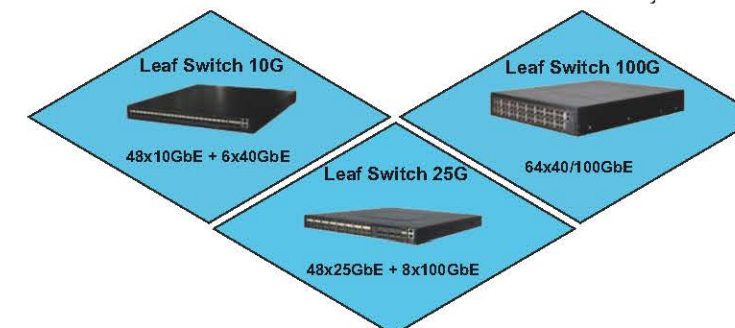
- Multi Layer SDN Control (Underlay, Overlay)
- OpenFlow 1.3, 1.5 Support
- Network Functions as a Service (NFaaS)
- QoS Policy Enforcement (Underlay, Overlay)
- Security Policy Enforcement
- Multi Tenancy

#### SD-Fabric

- Multi-stage leaf-spine fabric
- OpenFlow 1.3, 1.5 Support
- MPLS Segment Routing
- ECMP
- Single leaf (ToR) or dual-ToR (dual-homing)

#### Infrastructure Virtualization

- Compute Service
- Block/Object Storage
- Clustering service
- Optimization Service
- Image Service
- Metering & Data Collection Service
- Backup, Restore, and Disaster Recovery



[www.ulakhaberlesme.com.tr](http://www.ulakhaberlesme.com.tr)

info@ulakhaberlesme.com.tr • /ulakhaberlesme