

Provides end-to-end slicing across applications, core and radio

Network Slicing

As mobile operators are preparing their networks for [5G](#) and IoT, the increasing and varying connectivity demands present an opportunity for new business models. Network slicing creates multiple networks that share the same physical infrastructure. This allows operators to dedicate a portion of their network to a certain functionality and makes it easier to deploy 5G applications.

Operators can use their existing network for slicing selected services and create additional slices for new, differentiated services that increase revenues. Network Slicing works across radio, core, and applications to allow criteria that are required for practical deployments such as subscriber data/intelligence in the network, MVNO network setup, and network upgrade with virtualized multi-vendor deployments.

CloudRange Network Slicing supports network slicing in 4G networks and 5G Ready networks, and includes Slicing selection Function (SSF) for radio, NAS Network Selection Function (NNSF) for packet core Mobility Management Entities selection and Core Gateway Network Selection (CGNS) for packet core Control and User Plane gateway entities selection. Service Orchestration (SO) allows E2E setup of services and interfaces with SDN-C for programming the underlying network.

Mavenir's network functions virtualization (NFV) and container management and orchestration (MANO) platform, is built with a Cloud Native and Web-Scale architecture, drastically driving down the network economics for mobile operators with scalability, efficiency and automation.