

Inventory &
Network Design

Order
Management

Cloud
Management

Northbound Adaptation

Service Realization

Network Abstraction

Network Implementation

Southbound Adaptation

IPTV
FTTx/GPON
xDSL
VoIP

Ethernet
IP/VPN
IP Centrex

SONET
SDH
MSDP
WDM

NFV
SDN
Cloud

2G
3G
4G/LTE

IMS
WiFi
WiMax

Charging
Billing