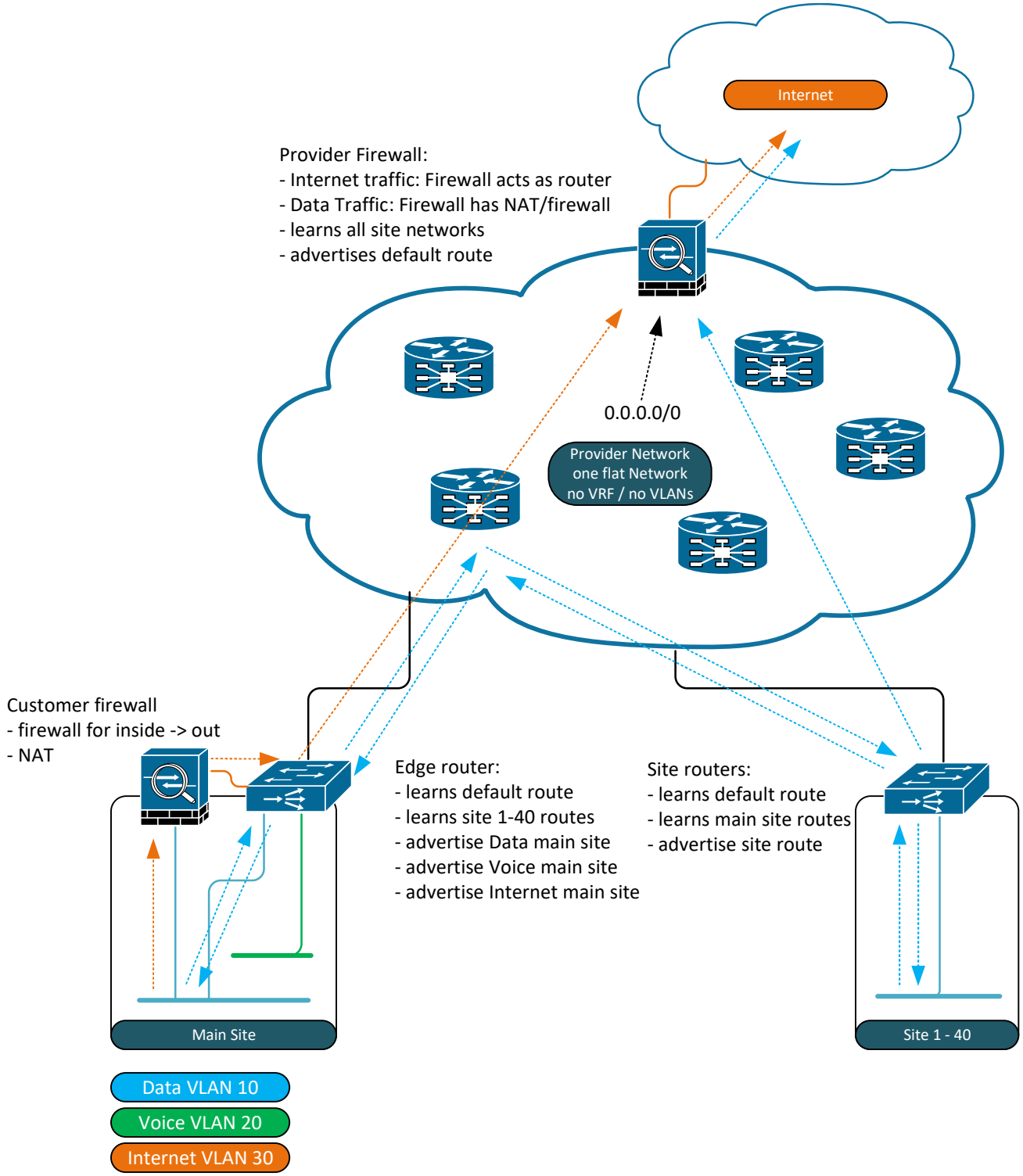
Internet
Provider Firewall:
- Internet traffic: Firewall acts as router
- Data Traffic: Firewall has NAT/firewall
- learns all site networks
- advertises default route
0.0.0.0/0
Provider Network
one flat Network
no VRF / no VLANs
Customer firewall
- firewall for inside -> out
- NAT
Edge router:
- learns default route
- learns site 1-40 routes
- advertise Data main site
- advertise Voice main site
- advertise Internet main site
Site routers:
- learns default route
- learns main site routes
- advertise site route
Main Site
Site 1 - 40
Data VLAN 10
Voice VLAN 20
Internet VLAN 30