ONES
OPEN NETWORKING ENTERPRISE SUITE

aviz

Open Networking Enterprise Suite (ONES) offers the industry's only multi-vendor, multi-NOS solution that delivers Orchestration, Visibility, Supportability, and Assurance – enabling SONiC adoption in new or existing deployments. ONES makes Day 0,1, and 2 network operations possible for multi-NOS deployments.

SONiC has emerged as the clear choice for a mature open-source NOS, bringing agility, choice of hardware components, and supply chain diversity. What has been missing in the SONiC ecosystem are the tools for multi-vendor orchestration, visibility, and supportability. ONES brings these key capabilities, alongside integrations with existing infrastructure.

ONES Benefits
- Enables use of open-source NOS in your network
- Brings agility to in-house network development
- Works on Switches/ASICs running any SONiC version
- Enables flexibility in hardware procurement
- Optional 24x7 support with vendor backed SLAs

Discovery & Deployment
- Device Discovery & Configurations
- Zero Touch Provisioning (ZTP)
- Single-click Upgrades (OS & Patches)
- Automated Config Validation (deployed vs. running)
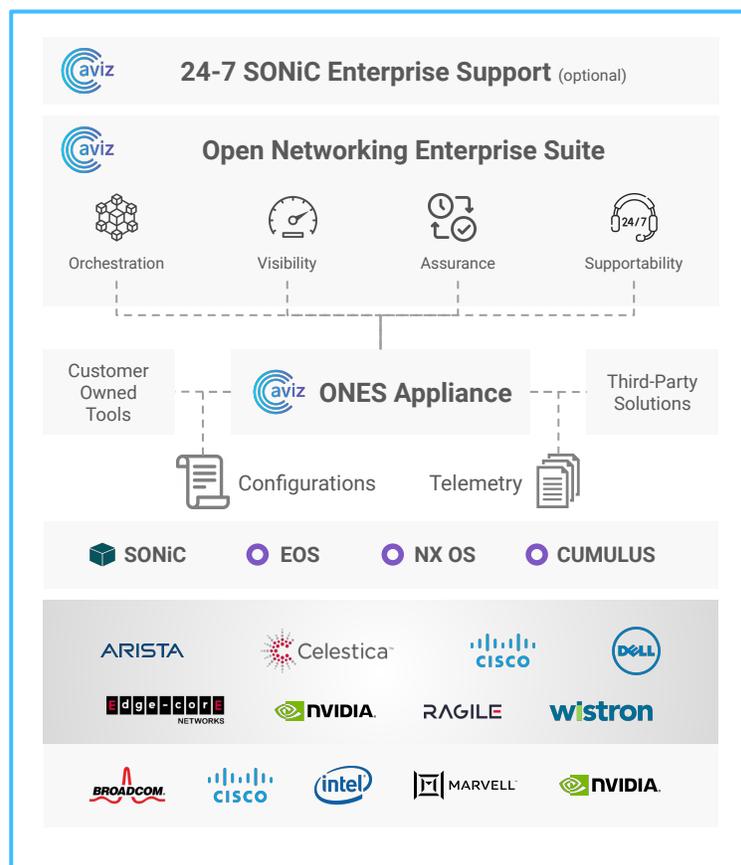
Device & Network Configurations
- Configs Templates for ToR/Leaf/Spine Topologies
- New Tenant Creation (VRF) & Multi-tenant Configuration on EVPN VxLAN, BGP-EVPN, BGP-unnum, and Route Policies
- LAG, MC-LAG, L2-VxLAN, VLAN, Multi-homing, and FEC
- DHCP Relay, Access Control Lists (ACLs), QoS support
- Config Restoration (to a previously working config)

Config Verification
- Operational Config Verification (example: Check link status, BGP status, reachability between devices)

API Access
- Comprehensive APIs for Third-party Integrations

aviz 24-7 SONiC Enterprise Support (optional)

aviz Open Networking Enterprise Suite

Orchestration · Visibility · Assurance · Supportability

Customer Owned Tools — **aviz** ONES Appliance — Third-Party Solutions

Configurations · Telemetry

SONiC · EOS · NX OS · CUMULUS

ARISTA · Celestica · CISCO · DELL
Edge-core NETWORKS · NVIDIA · RAGILE · Wistron
BROADCOM · CISCO · intel · MARVELL · NVIDIA

Monitoring & Visualization
- Real-time Telemetry Streaming
- Hardware & Software Inventory
- Network Topology & Connectivity
- System & Control Plane Health
- Traffic & Platform Utilization Metrics
- Anomalies Detection & Alerting
- System Events (syslog)

Security & Compliance
- TACACS+, RADIUS, and LDAP Authentication
- Role-Based Access Control (RBAC)
- Config Comparison (planned vs. actual)