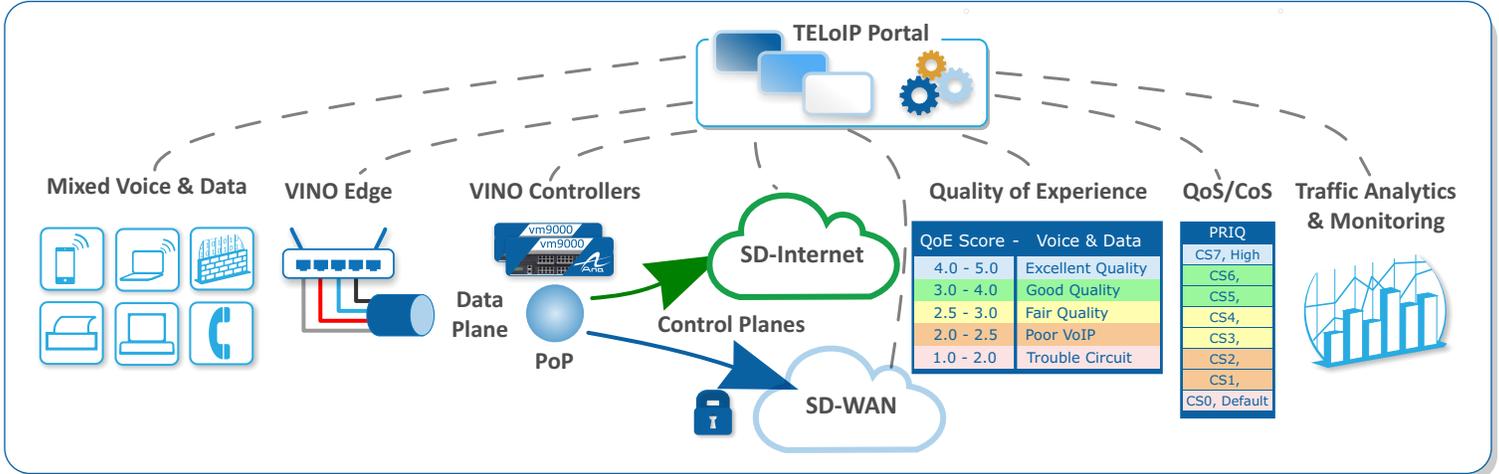




A single-pane-of-glass to monitor & manage your SD-WAN and SD-Internet™ solutions

VINO™ Controls Service Quality to the Customer while Reducing your Operational Costs



Accelerate your Entire Operations Team

Zero Touch Provisioning:

Installs and service configurations are fully automated to accelerate new site turn-ups and minimize truck roll costs.

Situational Awareness:

Dashboards, charts, reports, and QoE scores across all networks and applications, with clear real-time visuals at-a-glance.

Operational Efficiency:

Accelerate troubleshooting & repair, empowering L1 support to perform L3 tasks, and minimize escalation costs.

Quality of Experience (QoE):

Latency, jitter and loss are combined into a real-time, customer-centric metric that accurately predicts the user experience.

SLA Management:

QoE is a powerful performance metric that brings consistency to customer SLAs across your entire service portfolio.



Site Performance & Device Information

Remotely retrieve service information through the device API

The screenshot shows the TELoIP Portal dashboard. It includes several sections: System Information (AI-400, Customer-CPE1@teloip.net, AgnIOS 5.0.2-RELEASE, 9:36AM up 24 days, 3:55, O:enabled;I:enabled), SD-WAN (ANA: VINO, Status: UP, Uptime: 188:30:19, IP Address: 123.123.123, License Type: WWAN), Quality of Experience (RLA-Bandwidth: 50 Mbps In, 27.45 Mbps Out, QoE Rule# 1-3 with scores 4.10, 4.08, 4.04), and ANA2 Profile Information (Link# L1, L2 with State, Current Bandwidth, Weights, Jitter, Latency, and QoE).



Rapid Problem Identification

Eliminate 90% of the time spent finding the problem

The screenshot shows the TELoIP Portal dashboard with a QoE Score - VoIP & Data section (4.0 - 5.0 Excellent Quality, 3.0 - 4.0 Good Quality, 2.5 - 3.0 Fair Quality, 2.0 - 2.5 Poor VoIP, 1.0 - 2.0 Trouble Circuit) and a Test QoE section (Run from this CPE, Destination IP or URL, Test).



We Bring Sophisticated Tools Together in One Simple Platform for Maximum Efficiency

Order Management



- VINO Internet & VINO WAN
- Input customer & site tech-contact
- Order view/list with filtering
- Underlay link selection and details
- VoIP configuration
- Auto QoS traffic reservation
- Customize advanced site config
- Config VINO Edge SNMP for Partner community
- Automatic or selective static subnets from our pool
- Static IPs choices during provisioning/installation

Workflow Mgmt - Provisioning, Install & Configurations



- Select & assign static IP-address
- DHCP client & server configuration
- Underlay link config w/ CIDR validation
- One-click configuration push to VINO Edge
- One-click underlay calibration & verification

Monitoring & QoE - Bandwidth, Traffic Analytics & SLA Management



- Partner Operations View
- Customer network QoE maps
- Proactive QoE system alerts
- CPE dashboard w/ site details
- Site availability & service status
- Real-time traffic visuals
- Link health monitoring/visuals
- Speed-tests with graphing
- QoE/MoS scores for application and service destinations
- Priority traffic rules & reserved bandwidth
- Bandwidth & detailed traffic stats from Netflow
- Custom VoIP tools w/ troubleshooting & recording
- Real-time interface & route table generation
- Config backup & upgrade utility

Workflow Mgmt - Post Install Move, Add, Change & Delete (MACD)



- VINO Edge replacement
- Change VINO Edge home point of presence (PoP)
- Underlay link re-calibration & modification
- IP address modifications & subnet changes
- Account name changes
- Account deletion

