GLOBAL NETWORK OPTIMIZATION
ENTERPRISE IT CHECKLIST

Use this checklist to evaluate the agility, performance, and sustainability of your current network architecture.

✓ Bandwidth Fit & Application Awareness

☐ Have you assessed bandwidth usage at each location based on actual application traffic?

☐ Do you monitor how apps (e.g. video, VoIP, ERP, AI tools) behave under current provisioning?

☐ Are bandwidth upgrades aligned to usage patterns – or just applied uniformly across sites?

STAT: High-traffic sites may need up to **4× more bandwidth** than typical branches.

✓ Regional vs. Global Strategy

☐ Are you working with multiple regional ISPs or telcos across your locations?

☐ Do you have economies of scale or consistent SLAs across those providers?

☐ Can you accommodate regional exceptions without sacrificing global control?

TIP: A global backbone combined with **curated local access** = performance + flexibility.

✓ Underlay Incident Preparedness

☐ Do you know where most of your past outages originated?

☐ Does your operations team have visibility into the underlay layer (ISP/transit)?

☐ Can you resolve issues proactively, even if they involve third-party ISPs?

STAT: Over **70% of network incidents** start in the underlay layer – not the overlay.

✓ Agility for Short-Term Spikes & Long-Term Growth

☐ Can your network absorb sudden spikes in traffic (e.g., new SaaS adoption, M&A)?
☐ How quickly can you scale bandwidth or reroute traffic when business needs shift?
☐ Is your architecture ready for new locations and hybrid work expansion?

EXAMPLE: Enterprises face up to **4× bandwidth spikes** when rolling out new locations.

✓ Service Quality & Availability

☐ Do you have internal experts who can make configuration changes confidently?
☐ Are your teams available (and equipped) to handle connectivity issues around the clock?
☐ Do you rely on multiple vendors with fragmented support SLAs?
☐ Would 24×7 expert NOC support reduce incident recovery times?

INSIGHT: Enterprises with unified support and expert-managed operations **reduce MTTR by 50%+ and gain peace of mind** during off-hours and emergencies.

✓ Visibility & Accountability

☐ Can you monitor real-time performance (latency, jitter, packet loss) across all locations?
☐ Are your overlay (SD-WAN) and underlay (connectivity) teams aligned?
☐ Do you have a single point of contact for troubleshooting and SLA accountability?

BEST PRACTICE: Unified operations **cut resolution time by up to 50%.**

Now, score yourself using the following:

0–2 checks: Your network is overdue for optimization ✓✓
3–4 checks: You're on the right path, but gaps remain ✓✓✓✓
5–6 checks: You're ahead of the curve – keep refining ✓✓✓✓✓✓
7+ checks: You're in strong shape – ready for what's next ✓✓✓✓✓✓✓

Next Steps

Book a free network architecture review with **Open Systems** experts. We'll assess how well your current network aligns with the checklist – and where consolidation can bring the biggest wins.