



OptimizedIPSM

Discover optimal ways to deliver top quality Internet access

Arbinet's OptimizedIP services provide the highest quality Internet access at cost-effective rates and flexible terms. OptimizedIP is ideal for critical applications like VoIP, content streaming, gaming and e-enterprise.

Support Mission-Critical Applications

Robust IP and web-based applications require optimized routing. For quality-sensitive and mission-critical business applications, the traditional best effort IP routing is inefficient and unpredictable.

Internet Service Providers need an affordable solution for providing faster, more reliable Internet access without the high equipment and engineering costs of in-house route optimization.

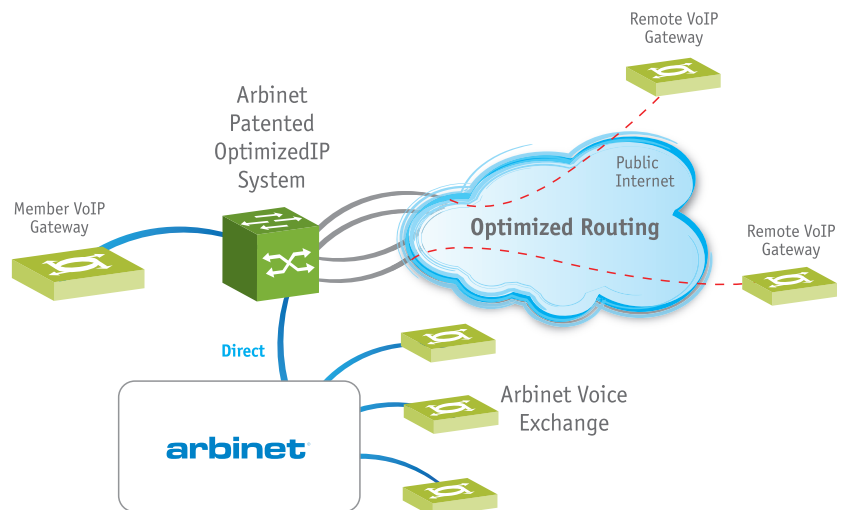
Leverage Routing Intelligence

OptimizedIP minimizes traffic congestion with optimization among multiple ISPs based on near real time quality metrics and delivers best-quality Internet access.

Arbinet's patented route optimization technology measures jitter, latency and packet loss for each IP prefix every 15 minutes among multiple leading ISPs. The result is performance that exceeds traditional Border Gateway Protocol (BGP) routing, which is solely based on network hops.

Key Benefits

- Outperform single backbones and standard multi-homing transit with a direct connection to multiple leading ISPs
- Use a single interconnect for multi-homing to simplify supplier contract management and reduce costs
- Leverage optimized routing to reach remote VoIP gateways
- Access Arbinet's 1,000+ voice exchange Members for VoIP services
- Avoid traffic congestion with near real-time optimization
- Eliminate the equipment and engineering costs of in-house optimization





Optimization among multiple ISPs delivers best-quality Internet

One Stop, No Hop

Directly access major ISP backbones through one cross-connect, with no Arbinet ASN hop.

Flexible Pricing and Terms

Connect with low to no bandwidth minimums, multiple billing options, and flexible terms. Billing is based on average rather than peak usage, for lower overall costs.

Orders that are “good until cancelled” address short-term bandwidth needs. OptimizedIP provides IP addresses and private ASN’s at no additional cost.

Technical Requirements

- Fast Ethernet (100M) or Gigabit Ethernet (1000M)
- Interconnect process: Layer 2 transport test and Layer 3 IP BGP with Arbinet Route Server

Demonstrated Improvements with OptimizedIP™

	Jitter	Latency	Packet Loss
OptimizedIP vs Best ISP	61% Better	5% Better	95% Better
OptimizedIP vs Medium ISP	65% Better	24% Better	97% Better

“We require the best available Internet performance at a reasonable price for our clients. Arbinet offered us the perfect solution.”

**Siamak Farah, CEO,
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