



## How NGT and Edgewater Networks provide Reliability, Security, and Quality.



### Business Quality Voice

NGT and Edgewater Networks have partnered to deliver a reliable solution for NGT Hosted Digital Voice. The combined solution delivers:

- Business quality voice over a converged access connection
- WAN/LAN demarcation
- Proactive remote management from NGT's Network Operations Center (NOC), including SIP captures, latency, MOS scores, and jitter metrics
- VPN interoperability – works with existing firewall (e.g., Sonicwall®), networking, and security equipment
- Pre-configured equipment delivered to the end-user location with simple installation
- Failover capabilities that utilize NGT's geographic redundant architecture

The EdgeMarc 4500 is the ideal solution for business VoIP solutions and is fully integrated into the NGT Digital Voice service offer. It acts as a demarcation point for VoIP services by combining important VoIP, data, traffic management, diagnostic, and security functions into a single, easy-to-use network services gateway. Available in 10-call capacity that supports Ethernet connections, the EdgeMarc 4500 can be easily upgraded to 30-call capability as needed.



NGT Network Operations Center Golden, CO

## Proactive Monitoring, Security and Quality

### Security and Connectivity

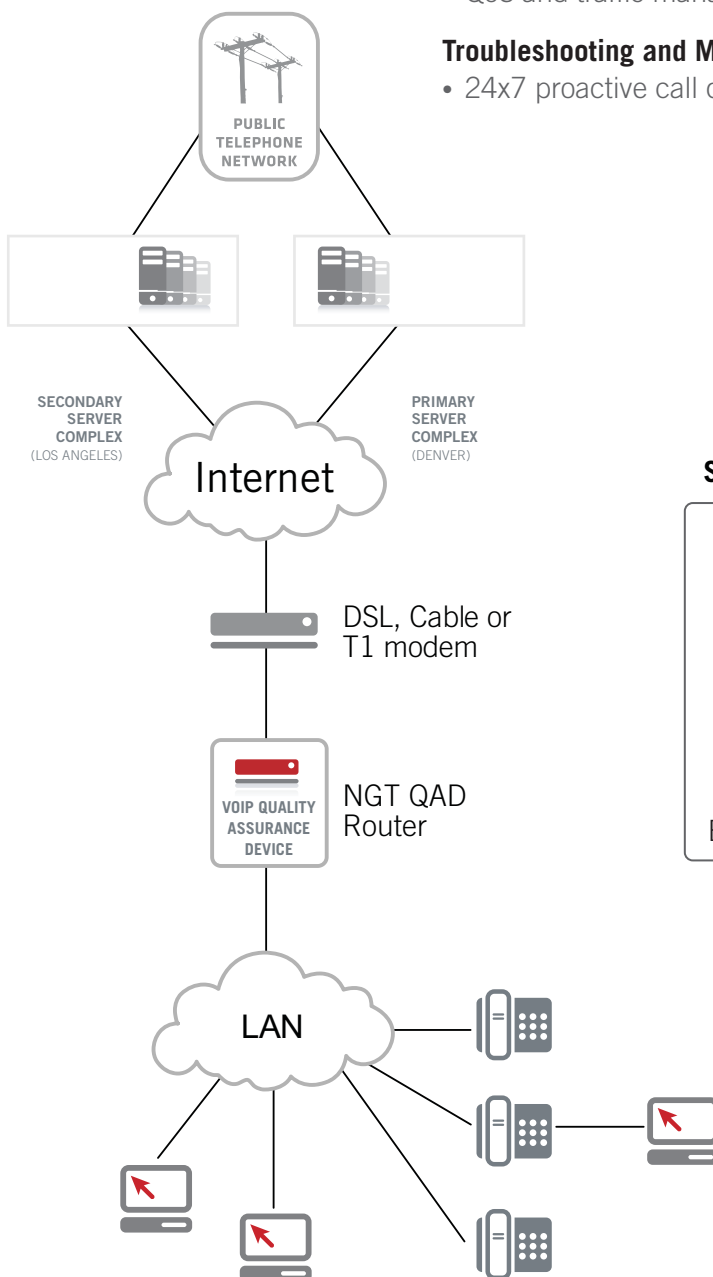
- Voice-aware stateful packet inspection firewall
- VoIP application layer gateway (SIP)
- Resolves NAT/firewall traversal issues
- DHCP server
- 4-port managed Ethernet switch with VLAN support

### High-Quality Voice

- QoS and traffic management, including prioritization and traffic shaping

### Troubleshooting and Monitoring

- 24x7 proactive call quality monitoring (MOS, jitter, latency, and more)



### Sample Architecture with Quality Assurance Device

