MANAGED ROUTER

US Signal's Managed Router service is available with both Dedicated Internet Access and MPLS network services. Services include the installation, configuration, and maintenance of a US Signal managed router for network termination at the customer premises.

AT-A-GLANCE

+ Managed Router available with US Signal DIA and MPLS network services
+ Fully monitored and supported by the US Signal Technical Operations Center 24/7
+ Supports read-only SNMP for your network management system integration
+ Support for multiple routing protocols to participate with internal routing domains
+ Optional Cellular Failover Service for Managed Routers that provides redundancy for site connectivity

PROACTIVE PORT MONITORING

All Managed Router ports are monitored by the US Signal Technical Operations Center 24/7/365. US Signal TOC personnel will proactively contact the customer for notification and troubleshooting purposes if an outage is identified.

SERVICE LEVEL AGREEMENT

US Signal shall notify the Customer within thirty minutes of detecting the loss of connectivity lasting longer than six minutes.

TECHNICAL OVERVIEW

+ BGP between Managed Router and US Signal core network
+ Participate in your OSFP and EIGRP internal routing domains
+ Network Address Translation (NAT)
+ Dynamic Host Configuration Protocol (DHCP)
+ Simple Network Management Protocol (SNMP)
+ Netflow Export
+ 802.1Q for VLAN trunking
+ First Hop Redundancy Protocol (FHRP)
+ IP Helper to forward DHCP broadcasts
+ Sub-interfaces for multiple diverse internal subnets
+ Covers replacements of failed hardware

CELLULAR FAILOVER SERVICE

Maintain connectivity to your remote sites with Cellular Failover Service (CFS) by protecting against last mile loop failure. CFS is ordered in conjunction with Managed Router Service for MPLS or DIA and includes installation, configuration, and maintenance of the CFS.

+ IPsec tunnel through wireless provider and US Signal core network
+ Failover managed by BGP
+ Utilizes 4G LTE data network