

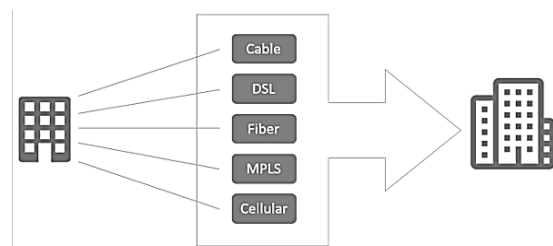


How You Deploy Wide Area Networks for Remote Locations Has Changed Forever.

Organizations with many remote locations typically rely upon rigid designs for their wide area networks and utilize costly MPLS connections and legacy routers that require a lot of time, effort and expertise to configure, deploy and manage.


SD-WAN delivers increased speed, faster deployments and the agility to reconfigure in minutes with application prioritization and cost savings that often pay for themselves.


Pomeroy combines technology from leading SD WAN providers with our 20+ years of experience delivering managed WAN, security and access aggregation services to help clients realize a significantly better wide area experience.





Managed Access + SD-WAN Technology


Why SD WAN

 **Minimal Touch Deployments** – Provision remote locations with simplified configuration, automated installation & orchestration

 **Agility** – Changes to the network made in minutes vs. days/weeks/months based upon a single pane of glass & Pomeroy monitoring and management

 **Savings** – Seamlessly integrate or replace MPLS with broadband (DSL, Cable, Ethernet, Fiber) to increase bandwidth & availability while reducing costs

 **Performance** – Increase throughput & resiliency based upon multiple load sharing telco connections & direct cloud access

 **Application Aware** – QoS and traffic shaping to identify, map & prioritize applications based upon business requirements

 **Security** – Delivery of secured IPsec connections & Unified Threat Management (UTM) based upon SD-WAN capabilities & Pomeroy's cloud based UTM solution

Pomeroy Experience Delivering Managed WAN

- ▶ **Agreements** with over 250 access providers across North America
- ▶ **Management** of over 20,000+ broadband circuits 7/24/365

Steps to Connect

Evaluate Requirements – *Technical discussions to understand and refine requirements*

- Prioritization of applications and remote locations based upon business impact
- Prequalification of all possible circuit technologies based upon a detailed site list
- Includes cable broadband, DSL, Asynchronous Fiber, Dedicated Fiber, Ethernet, and 4G LTE services to meet performance and reliability requirements
- Decision on SD-WAN vendor and architecture based upon overall business and technical requirements

SD-WAN Design – *Based upon the SD-WAN architecture and connectivity selected*

- A comprehensive technical design is created to satisfy client requirements which may include multiple Dual-Active WAN links at branches and remote offices, data center redundancy and failover, performance routing based upon Dynamic Path Selection and Quality of Service (QoS) rules for key applications, e.g., voice and video
- Security requirements for Split Tunnel configurations, including UTM
- Pilots initially to limited locations for testing prior to full deployment

Deployment – *Dedicated project management and deployment resources are assigned*

- Proven ITIL process to design, plan, build, refine and execute a successful client transition
- End-to-end service delivery coordinating SD-WAN deploy/test and turn-up along with underlying ISP on-site broadband circuit installations
- Includes pre-staged asset tagging, labeling and logistics for all devices
- SD-WAN site and circuit information added to VantagePoint Web Portal and client access established with complete training and ongoing support

Management – *Comprehensive management by our network engineering team*

- Security policies deployed including IPsec VPNs and UTM
- Proactive monitoring and support promoting network availability and performance
- New applications and locations added to managed SD-WAN service
- Ongoing Management of QoS policies as new applications are onboarded
- Recommendations for configuration changes and/or bandwidth upgrades based upon current network performance

Power Up with Pomeroy

The industry's foremost expert in optimizing IT infrastructure, Pomeroy partners with clients to deliver integrated solutions that enable the **digital workplace**.

Our holistic solutions create a digital workplace that is intelligent, highly available, fully enabled, and fully connected. We understand the interdependence between today's end users, the networks they rely on to stay connected and productive, and the critical data they need to drive positive business outcomes. For more information, contact your Pomeroy representative or visit www.pomeroy.com.

Client Results

Largest Veterinary Hospital Chain:

Retailer needed improved bandwidth & speed at 1,062 locations. Pomeroy upgraded each location's WAN & wireless networks with dual broadband circuits with Meraki security & access points & established 24/7 monitoring & management.

Results: Significantly improved connectivity & speed & 33% reduction in monthly network costs.

Top 15 US Insurer: Rapid growth necessitated Managed WAN service with 6,600 broadband circuits with primary & secondary access supporting 3,300 agents. Pomeroy now monitors & manages over 200 cable, DSL, fiber, wireless, ethernet & T1 providers.

Results: 3-5X improved bandwidth & availability (99.99%) & over \$12M annual cost savings.

Top 20 US Bank: Greater bandwidth needed to support video loan & digital documentation applications. Pomeroy partnered with Verizon & Viptela to update LAN switching & cellular backup to 1,400 branches in 14 states.

Results: Enhanced control, throughput, redundancy & uptime.