Today's businesses are digitally transforming, and they need a network that can provide increased scalability, enhanced security and greater performance visibility to efficiently meet complex business needs. As new applications and technologies emerge and cyber security threats continue to grow, your organization needs the right resources and tools to optimize your network.

Our Managed SD-WAN solution helps evolve your network by providing a virtual overlay network with application-aware routing—enabling you to connect your branches and multiple remote locations. It's a turnkey solution that offers software-based control to (Te) to o

Increased flexibility and scalability

Scale your network based on application needs, with a more efficient location provisioning process and quicker changes to your sites. Our turnkey solution gives you the flexibility to meet the bandwidth and security requirements you need and the ability to add network diversity for extra peace of mind. Managed SD-WAN supports multiple underlay transport options including IP, MPLS or bring-your-own-transport.
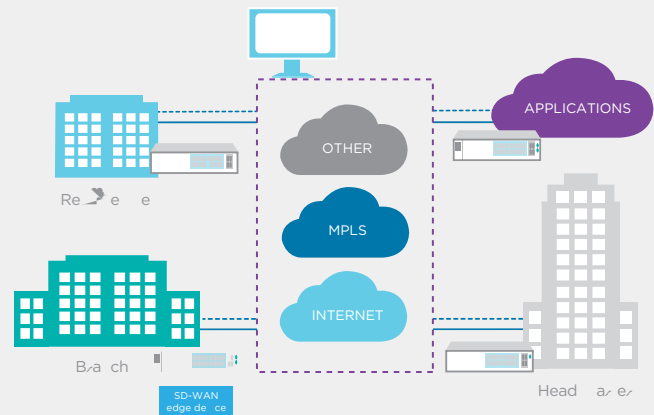
Lower operational cost

Reduce your operational expenses and administrative fees with faster deployments that give you increased operational efficiency and free up key IT resources. Our service includes installation, service provisioning and site activation.

Enhanced network security

Highly secure access to your applications designed to work with encrypted connectivity and the option to add additional security features like high availability and next-generation firewall.

Dedicated support and monitoring

Our integrated portal gives you higher levels of visibility into your network—allowing you to monitor your connections in real-time, conduct utilization reporting and analyze historical data. This service includes around-the-clock access to our Network Operations Center for your support needs.

APPLICATIONS

OTHER

MPLS

INTERNET

Remote

Branch

SD-WAN
edge device

Headquarter

For more information, please contact 1-833-635-0941 or visit **CrownCastle.com**

Managed SD-WAN	Standard Features	Value-Added Features		
		High Availability	NGFW	UTM
Network Features				
Flexible bandwidth up to 100gbps				
Monitoring, reporting, analytics				
Application visibility and control				
Application QoS (quality of service) and SLA				
Dynamic path selection				
Multiple WAN links (2+)				
Site to site VPN				
CGNAT (carrier grade network address translation), VLAN				
DNS (domain name system), DHCP (dynamic host configuration protocol), LAG (link aggregation group) on LAN				
Topology (any)				
Routing and load balancing (advanced)				
Throughput (10Gbps)				
Service chaining and gateway				
High availability				
FEC (forward error correction), cloning, striping				
Dual equipment for high reliability (VRRP - virtual router redundancy protocol)				
Security Features				
L4 stateful firewall				
IP Filtering				
URL/Content Filtering				
SSL (secure sockets layer) Inspection				
Anti-virus				
IDS/IPS (intrusion detection and prevention, systems)				
File Filtering				

Our unique, nationwide portfolio
With approximately 90,000 route miles of fiber, we own and operate one of the largest

Our solutions
We have your networking and security needs covered. Visit our infrastructure solutions page to learn more about our suite of solutions and how they can solve your toughest challenges.

CROWN CASTLE

Crown Castle owns, operates and leases more than 40,000 cell towers and approximately