

SASE Architecture

Today's applications and data are hosted in hundreds of private and public locations around the world, with sensitive information constantly moving from branch offices, home offices and thousands of remote users to and from private data centers and the cloud. As users on different devices access these applications from thousands, sometimes millions, of disparate locations, organizations are requiring differing levels of security for each access request.

Our Secure Access Service Edge (SASE) solutions, powered by Versa, help achieve the increased visibility, enhanced security and simplified management that organizations need to reimagine their existing architectures and deliver consistent policies over who has access to what, and where access is taking place. When you work with us, you can get physical fiber, personal support and secure software-based networking—all from one provider.

Putting piecemeal network and security solutions together can make it difficult to support and secure cloud-based applications, including:

- › Direct internet access
- › Unmanaged devices
- › Mobile users connecting from anywhere in the world
- › Bandwidth-intensive video applications

Key Benefits

Greater performance visibility

Receive end-to-end visibility into users, devices and applications across your entire network—whether on-premises or in the cloud.

Enhanced network security and operations

SASE enables businesses to protect their users, sites, data centers and cloud services with a robust set of policies that are centrally managed and monitored. Our single pane of glass orchestration means that

security information is available in one central location, enabling faster troubleshooting.

Optimized application performance

With our carrier-grade routing capabilities, traffic is automatically routed over the ideal transport path based on dynamic traffic steering. With 7+ years of expertise in designing, implementing and supporting Versa SASE solutions, our subject matter experts know how to optimize performance across all sites.

30 Years of Expertise

NYSE S&P 500

Our Solutions

- › Towers
- › Small cells
- › Dark Fiber
- › Ethernet
- › Wavelength
- › Managed SD-WAN
- › Internet Access
- › Private Networks
- › Colocation
- › Cloud Connect
- › Optical Encryption
- › DDoS Defense
- › Bandwidth on Demand
- › Fixed Wireless
- › Ultra-Low Latency
- › Video Transport

Simplified network management

SASE removes the burden of procuring, installing, configuring and managing client devices at each location. Our dedicated experts work closely with your team, providing a best-in-class turn up process and around the clock service for your trouble tickets, helping your organization operate at maximum efficiency.

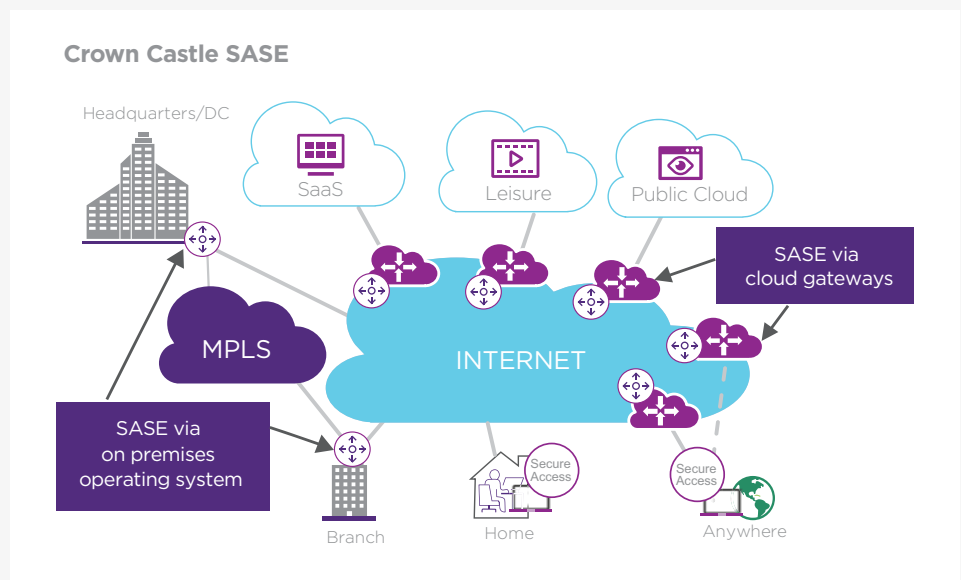
Our solution

SASE services are available via cloud environments, on-premise or as a hybrid combination of both to include:

- **Software-defined wide area network (SD-WAN):** A software-defined architecture that increases network performance and agility.
- **Zero trust network access (ZTNA):** Secure and private connectivity to your applications with a least privileged model to access.
- **Secure web gateway (SWG):** Gateway protection against internet threats, preventing unsecured traffic from compromising your internal networks and users.
- **Cloud access security broker (CASB):** Policy enforcement that secures data between users and cloud applications, complying with your internal and regulatory requirements.
- **Data Loss Protection (DLP):** Mitigates threats to critical data, providing information loss prevention and extrusion prevention.

Lower capital and operational expenses

Network and security requirements are met with a single software stack, allowing IT teams to focus on strategic value-adding work and avoid the inefficiency of investing in disparate products.



Crown Castle owns, operates and leases more than 40,000 cell towers and approximately 90,000 route miles of fiber supporting small cells and fiber solutions across every major US market. This nationwide portfolio of communications infrastructure connects cities and communities to essential data, technology and wireless service—bringing information, ideas and innovations to the people and businesses that need them.