

Hit the road to network transformation with AT&T Consulting and Professional Services

Is the speed of industry change and the arrival of new technologies impacting your cloud network security decision making? AT&T Consulting and Professional Services helps you overcome these challenges while minimizing the risk or impact to your business. We have the knowledge and subject matter experts to assist with your network transformation journey.



1. Improve cloud network performance and security

Deploy a cloud ready, software-defined wide area network (SD-WAN). SD-WAN improves application performance and accessibility by measuring link performance and adaptively rerouting traffic when performance degrades. It also lets you implement cloud security measures at your own pace.



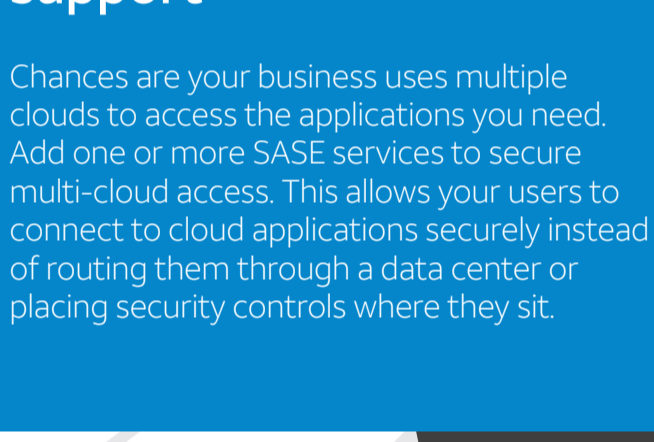
2. Develop secure, controlled user access

The future of network security lies in identity. Build identity profiles and map security controls to applications so access is tied to the user instead of a device or location. This is an integral step in achieving secure access service edge (SASE) security.



3. Deploy zero trust, role-based authentication

Migrate to a zero-trust network authentication (ZTNA) solution to keep your network and cloud applications secure and create a seamless experience for your users. Access is controlled using a role-based identity framework, providing an additional layer of protection.



4. Introduce multi-cloud support

Chances are your business uses multiple clouds to access the applications you need. Add one or more SASE services to secure multi-cloud access. This allows your users to connect to cloud applications securely instead of routing them through a data center or placing security controls where they sit.



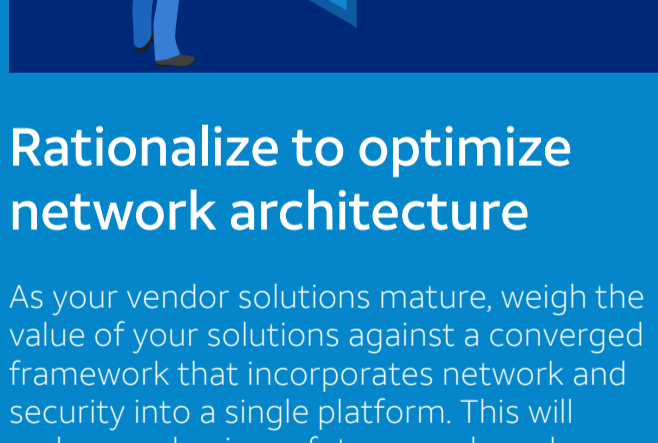
5. Add cloud security that follows the user

Choose a cloud security function that integrates with your SD-WAN architecture and previous policy enforcement decisions related to secure, controlled user access. Doing so will enable you to maintain secure cloud/application access using automation instead of humans, regardless of the user's device or location.



6. Automate to streamline security and accessibility

Automate security and accessibility to eliminate the need for manual changes each time you add a new application or cloud to your network.



7. Rationalize to optimize network architecture

As your vendor solutions mature, weigh the value of your solutions against a converged framework that incorporates network and security into a single platform. This will make your business future-ready and improve your agility.



Steps	How soon you should start	Change management step
1. Improve cloud network performance and security	0-12 months	Detailed site typing and key decisions related to security policy enforcement points and internet breakout
2. Develop secure, controlled user access	0-6 months	Inventories of user, system, device, and applications for authentication requirements and policy enforcement approaches
3. Deploy zero trust, role-based authentication	0-12 months	Processes and technologies for device enrollment, endpoint security management, and micro-segmentation to map user roles to specific network and compute zones
4. Introduce multi-cloud support	0-12 months	Architecture analysis of data center, co-location, cloud location, cloud-to-cloud, and direct user access using the ZTNA solution deployed in step 3
5. Add cloud security that follows the user	6-12 months	Program management for step-by-step migration
6. Automate to streamline security and accessibility	12-24 months	Program management of cross-skilled teams, scripting, automation, and agile best practices
7. Rationalize to optimize network architecture	24-36 months	Careful evaluation and testing of market solutions. Validation of feature sets against business requirements



Any journey worth taking may encounter some speed bumps along the way. AT&T Consulting and Professional Services has the knowledge and experience to help you navigate these digital transformation detours, so you get where you need to go.

Why AT&T Business?

Technology is complex. Transformation is fast. Are you making the right choices for your digital transformation? What you want is simple advice that you can easily understand and apply. We deliver the right insights, guidance, and solutions for you.

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