

Network Modernization Checklist

Is your agency ready for digital transformation?



Today's applications have created a significant burden on agencies to add network capacity. Not only are agencies realizing exponential growth in application access, but the amount of bandwidth needed to reach and use them is also skyrocketing.

With the steps below as a starting point, network modernization can provide an avenue to improve network performance to meet the mission.

- 1 Define your agency's goals for network modernization and identify what technologies and frameworks can help reach those goals.
- 2 Create a strategy to implement the technology that will help your agency reach your goals without interrupting daily operations.
- 3 Decide whether to pursue network modernization on your own or work with a managed services partner to build the new network.
- 4 Implement a Secure Access Service Edge (SASE) framework to integrate Software-Defined Wide Access Networking (SD-WAN) with cloud-based security, establishing secure connectivity for users.
- 5 Determine levels of access for each device and user with the Zero Trust principle of least access and security measures such as multi-factor authentication.
- 6 Migrate applications and data to a cloud environment.
- 7 Develop new workflows that enable efficient and convenient operations in the new environment.
- 8 Fund your modernization project with grants and contract vehicles, such as EIS.