Branch Office Use Case – TIC 3.0

Are your remote offices accessing their applications securely and efficiently?

Branch Office Use Case Highlights

- ◆ Update to the Trusted Internet Connections (TIC) initiative identifies Branch Office as a Primary TIC 3.0 Use Case: www.whitehouse.gov/wp-content/uploads/2019/09/M-19-26.pdf
- ◆ Improves user experience by securely facilitating a more direct path for Branch Office and remote workforce connections to agency cloud services, the web, and agency internal services
- ◆ Eliminates the "TIC tax" of hairpinning outgoing internet traffic back to a central security perimeter

How to Get It
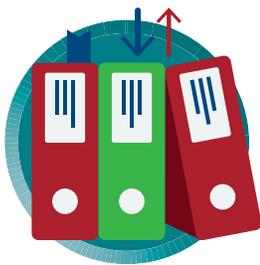
- ◆ Solutions are available from the Enterprise Infrastructure Solutions (EIS) contract using one or more of the following services:
  - ❖ Managed Security Service (MSS) Trusted Internet Connections Service (TICs)
  - ❖ SD-WAN Service (SDWANS) as a fully managed, co-managed, or do-it-yourself implementation
  - ❖ Broadband Internet Service (BIS) and/or Internet Protocol Service (IPS)
  - ❖ Cloud Access Security Broker (CASB) and other security services via EIS using managed security services (MSS) and/or Software as a Service (SaaS) cloud services
  - ❖ Virtual Private Network Service (VPNS), including direct connectivity using the Cloud Service Provider Connection (CSPC) feature

Business Value

◆ Rather than backhauling traffic to a central location, the Branch Office Use Case enables direct access to the internet and cloud applications and provides prioritized paths for other business data while also enhancing the on-site user experience

◆ Potential agency cost savings of up to 44% for large agencies, 42% for medium agencies, and 33% for small agencies, as determined in a GSA savings analysis

◆ Implementation can significantly lower network-management costs with centralized control and orchestration

Recommendations

◆ Utilize GSA tools to implement the Branch Office Use Case capabilities:
  ❖ Leverage quick-start solicitation templates for WAN modernization and SD-WAN
  ❖ Solicitation Assist Tool – rapidly produce a complete draft solicitation
  ❖ Online pricer tool – obtain pricing of EIS services

◆ Consider a managed or co-managed solution using EIS Managed Network Service (MNS) or MSS services

◆ Consider a hybrid implementation – MPLS augmented with dedicated internet access (EIS IPS) and/or broadband internet (EIS BIS)

◆ Increase available bandwidth with the BIS

◆ Start with a pilot, then a limited deployment, before a full deployment

◆ Replicate the successful pilot implementation to other Branch Offices

◆ Review CISA Branch Office Use Case and TIC guidance at www.cisa.gov/trusted-internet-connections

For More Information

Contact your designated GSA representative at www.gsa.gov/nspsupport or call 855-482-4348.

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