

# Trusted Internet Connection (TIC) Modernization Pilot



Customer-facing



SBA acting as a lighthouse agency in conjunction with OMB, DHS, and GSA, supported a 2018 key pilot program where PSI engineers designed, architected, developed, and implemented the ability of SBA LAN to connect to SBA Cloud directly through the Netbond and Express Route without using a Managed Trusted Internet Protocol Service (MTIPS) provider services yet also meeting the intent of OMB Memorandum M-08-0 Trusted Internet Connections (TIC) Initiative. Our cloud and infrastructure capabilities to support SBA Cloud deployed several monitoring and cybersecurity components including, but not limited to: Advanced Threat Analytics (ATA), Azure Log Analytics, Azure Security Center, Cloud Application Security, MMA, and Windows Defender.

## Win Results

The TIC pilot outcomes affirmed many challenges faced by multiple organizations when it comes to balancing priorities across areas of cost, performance, and security. Through the pilot, SBA proved that achieving —and exceeding—the intent and requirements of a TIC is possible through deliberate and thoughtful application of native cloud tools and services.

The TIC pilot achieved notable outcomes in the areas of network performance and financial impacts. By establishing a dedicated, private network route between the SBA MPLS network and the Microsoft network edge (express route) SBA experienced a latency reduction of nearly 75%.

SBA's cost comparison of MTIPS and native cloud tools revealed a significant overlap of tools and services. The redundancies offered an opportunity to achieve cost savings while improving capabilities and modernizing infrastructures.