

CASE STUDY

MPLS, SIP Trunking and Security

Foreign bank uses TPx to improve telecom services at stateside offices in California, Georgia, and Washington, DC



The TPx solution is based on integrated voice, data and network security services provided over single circuits ranging from 1.5Mbps to 10Mbps.



An overseas bank has established a branch banking presence in the United States to better serve its customers in this country. The bank, which has offices throughout California and a presence in two east coast states, was receiving services from three different providers — voice from a national ILEC, data from a national ISP, and security from a managed services provider. After careful consideration, the bank selected TPx to provide integrated voice, data and managed security services to twelve offices in California, as well as locations in Georgia and Washington, DC. The company now receives a single bill and has a single point of contact for all three services. In addition, the bank achieved its goal of reducing the overall cost of the combined solution.

PROFILE

- International bank
- 12 California locations plus Georgia, Washington D.C.

CHALLENGE

Provide both CA and east coast bank locations with voice, data, and security without the inefficiencies of multiple providers

SOLUTION

1.5 – 10Mbps circuits, 6 Mbps fixed wireless Internet redundancy, SIP trunking, MPLS VPN and UTM security

BENEFITS

- Integrated services from a single provider
- Lower costs, pooled voice minutes
- A single bill for all 14 U.S. locations

RESULTS

The bank achieved its goal of reducing the overall cost of its combined solution



Managed security is provided by TPx's UTM platform, a fully managed and monitored hardware appliance that protects the bank's Internet traffic with firewall, intrusion detection/protection and web content filtering.

THE CHALLENGE

The company sought to consolidate all communications services with a single provider to reduce the service costs and eliminate the complexity of managing multiple providers.

THE SOLUTION

The TPx solution is based on integrated voice, data and network security services provided over single circuits ranging from 1.5Mbps to 10 Mbps. A headquarters site also has a separate 6 Mbps Fixed Wireless Internet access link for physical redundancy. Out-of-state locations are linked into the bank's California offices via TPx's MPLS Extended Reach VPN solution.

Each branch office location has a TPx SmartVoice SIP trunking service for local and long distance voice calls, integrated with its MPLS VPN for inter-office data transport.

Managed security is provided by TPx's OneSecure Unified Threat Management (UTM) platform, a fully managed and monitored hardware appliance that protects the bank's Internet traffic with firewall, Intrusion detection/protection and Web content filtering.

All Internet bound traffic is carried to and from the centralized UTM platforms located at the bank's hub sites and headquarters over the secure MPLS private network.

TPx was able to meet the bank's needs for integrated multi-service access and along with Internet security thanks to its extensive access footprint in California and its wide range of access options that ranges from traditional TDM T1 to Ethernet over Fixed Wireless and Fiber. At the same time, TPx could provide services nationwide through its Extended Reach capabilities. As a full service provider, TPx is uniquely positioned to provide the integrated communications services that enable this international bank to provide secure and reliable service to its customers.