

Since NCTCOG was connecting to a cloud environment, another key function of the SIParator was to protect the enterprise and VoIP/UC solution from unauthorized SIP traffic coming in from the open Internet. It also protects against theft of service and Denial of Service (DOS) attacks, a common

eTechHelp, which managed the project from design to completion, also installed a secondary SIParator as a failover unit in NCTCOG's disaster recovery location in the event of a power interruption or PBX failure

NCTCOG has been growing their integrated network, benefitting from the full potential of the cloud-based Microsoft environment while preserving their initial Cisco investment, utilizing the best features for NCTCOG from both worlds. The next phase of the project will include connecting Skype for Business.

## Statistics

- 900+ Cisco IP phones
- 14 remote locations worldwide
- Ingate SIParator E-SBC

Additionally, the SIParator E-SBC:

integration. With this solution NCTCOG was able to remain platform-agnostic,

allowing them to leverage both Cisco UCS

as well the Office 365 Exchange Online

environment.

- Manages the SIP traffic between NCTCOG's internal network and the cloud-based Microsoft Office 365.
- Encrypts NCTCOG's SIP traffic with Transport Layer Security (TLS) for secure ISP signaling. It also supports and transcodes Secure Real-Time Transport Protocol (SRTP) for encrypted voice and video.
- Adds authentication to shield users from eavesdroppers, hackers and spoofers.