



# Safeguarding an Enterprise of Data

## Best in Class Security Measures to Protect Your Information Assets

To ensure that your enterprise is properly armored against the widest range of data security risks, UniVoIP adheres to best-in-class industry standards. Your enterprise can rest assure its information is secure in our network.

### **UniVoIP delivers a full scope of countermeasures:**

- ✓ UniVoIP OfficeConnect uses the encrypted MiNet signaling protocol
- ✓ Session Border Controllers (SBC) are deployed in UniVoIP data centers to protect against voice network attacks
- ✓ Data centers provide 99.99% availability with geo-redundancy for workload balance and continuity
- ✓ Voice communications are encrypted using Secure Real-Time Transport Protocol (SRTP)\* with 128-bit AES encryption adding confidentiality, message authentication and replay protection
- ✓ MiNet signaling messages are only accepted from devices authenticated by UniVoIP data centers
- ✓ For call signaling, TCP is used within the IP protocol stack. So if MiNet packet drops, TCP steps in to retransmit the packet ensuring end to end call completion
- ✓ All user interfaces including IP phone handsets, desktop and mobile applications as well as online portals are password protected and use Secure Hypertext Transfer Protocol
- ✓ Optional MPLS circuit offered between customer's site and UniVoIP's data centers for a private link for voice traffic