



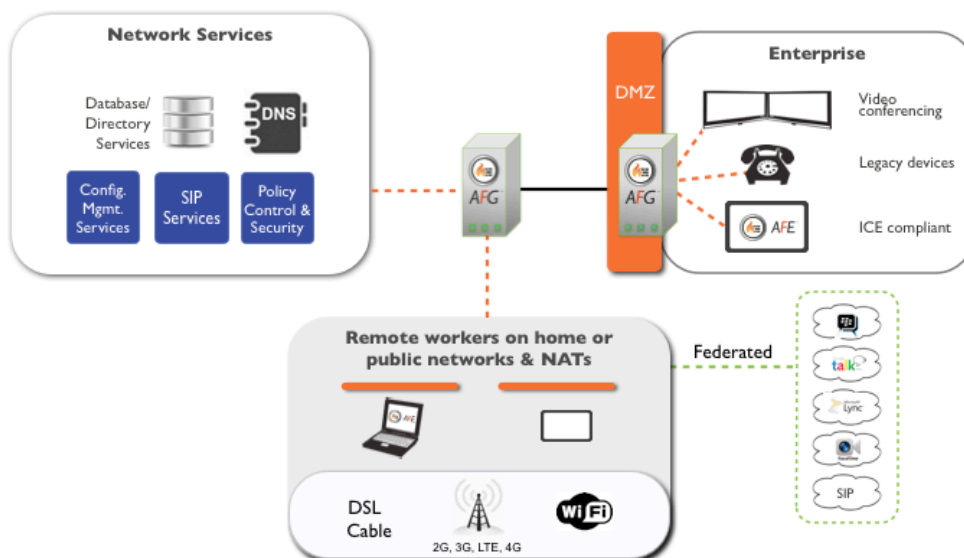
## AnyFirewall Gateway

NATs and firewalls break end-to-end connectivity for VoIP, video conferencing, and unified communications. AnyFirewall Gateway is an enterprise session border controller (E-SBC) based on SIP, STUN, TURN, and ICE, which works with firewalls to enable enterprises to securely use and manage VoIP, video conferencing, and unified communications on any network, through any firewall or NAT, and to any device.

Along with guaranteed call completion and carrier-grade voice and video quality, the AnyFirewall Gateway provides enterprise control and management required to administer and maintain cost saving IP based communication services.

The AnyFirewall Gateway can be deployed to serve multiple applications, such as:

- Enterprise desktop video
- Enterprise VoIP and SIP trunking
- Remote office / Home office desktop video
- Remote office / Home office VoIP
- Federated Enterprise Instant Messaging and file transfer services
- Interoperability with legacy devices



### AnyFirewall Gateway provides essential Enterprise services

#### SECURITY

- Encryption
- Topology hiding
- Policy control

#### UNIVERSAL CONNECTIVITY

- Legacy endpoints

#### STANDARDS COMPLIANCE

- IETF, 3GPP, CableLabs, Microsoft

#### GUARANTEED NAT AND FIREWALL TRAVERSAL

- STUN/TURN/ICE based technology

#### QUALITY OF SERVICE (QoS)

- Admission control
- Resource allocation



## AnyFirewall™ Gateway

### Universal Connectivity

- Multi-protocol signaling: SIP, MS-SIP, Jingle
- SIP normalization via SIP message and header manipulation
- IPv4 to IPv6 interworking
- VPN connectivity
- SIP Trunking
- Guaranteed firewall and NAT traversal based on AnyFirewall Technology

### Security

- Encryption of signaling (via TLS and IPsec) and media (via SRTP)
- Network topology/user hiding, route stripping
- Prevent bandwidth and toll fraud and service theft
- Malformed packet protection
- Call admission and policy control
- Monitoring and reporting
- VoIP spam / SPIT mitigation based on AntiSPIT Technology
- Guard against malicious attacks such as DoS or DDoS

### Quality of Service

- Call admission control
- Resource allocation
- Rate limiting
- TOS/DSCP bit setting

### Regulatory Compliance

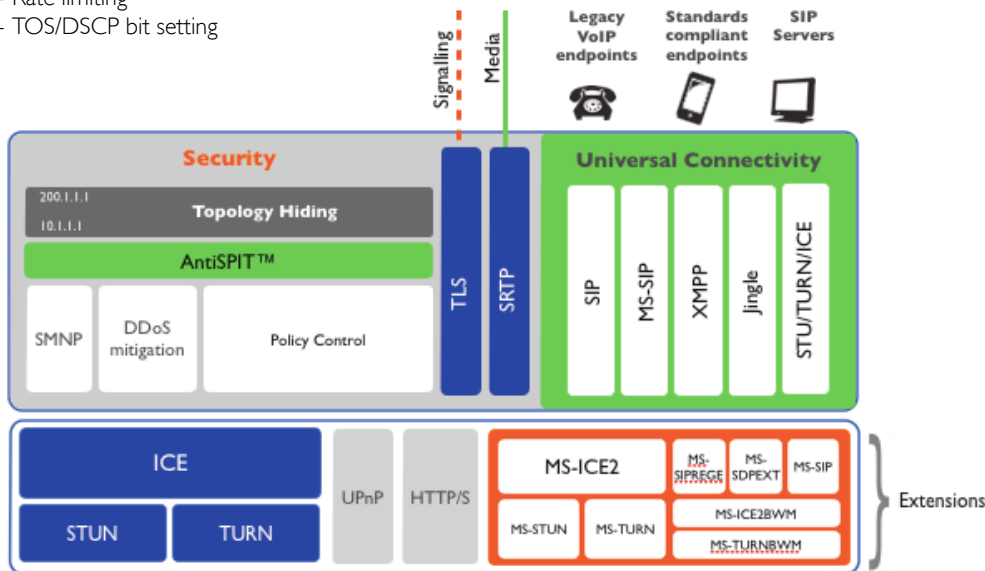
- Lawful intercept
- CALEA

### Statistics and Billing

- CDR
- Session timers
- Radius

### Standards Compliance and Certification

- Compliant with IETF, 3GPP, and CableLabs standards STUN, TURN, and ICE
- Compliant with Microsoft standards MS-STUN, MS-TURN, and MS-ICE
- AnyFirewall Technology is the reference STUN/TURN/ICE implementation for CableLabs PacketCable 2.0 certification
- Supports any application protocol including Jingle, RTP, SIP, XMPP, and more
- Supports any data or media format including G.711, G.729, H.263, H.264, MPEG-4, and more



## AnyFirewall Gateway guarantees NAT & Firewall Traversal

- Patented AnyFirewall Technology guarantees 100% NAT traversal through any firewall, NAT, proxy, or UPnP
- Supports all NAT types including simple, full cone, address restricted cone, port restricted cone, and symmetric
- Supports all fixed and mobile networks and devices including cable, DSL, WiFi, 3G, LTE, and 4G

Eyeball Networks builds infrastructure software and developer kits that help the world's mobile service providers, mobile device makers, and application developers deliver carrier-grade VoIP and Video Telephony services.

Eyeball provides complete IM, VoIP, VVoIP, and NAT traversal solutions that guarantee 100% call completion and call quality on any network, through any firewall, and to any device.

