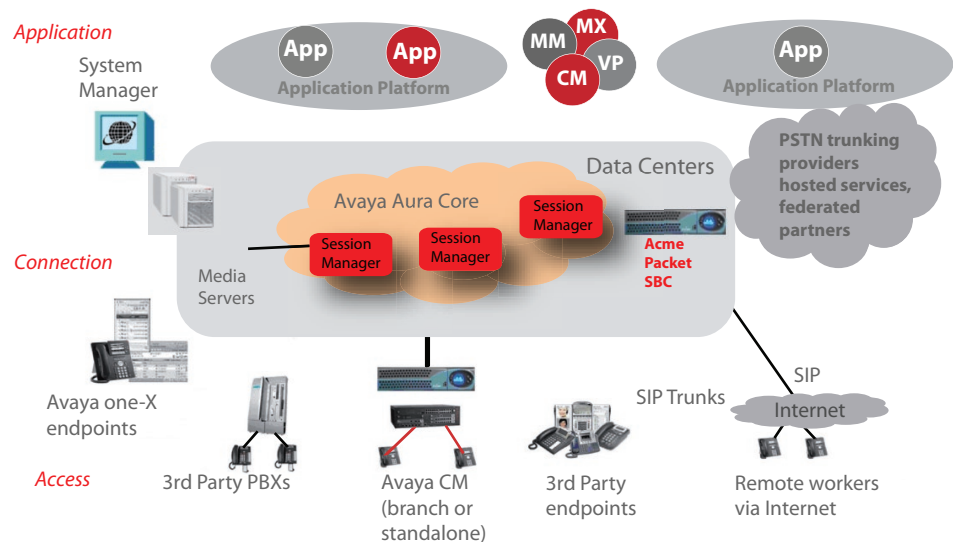


ACME PACKET SESSION BORDER CONTROLLERS

Acme Packet Session Border Controllers Business Brief

...enabling the delivery of trusted, first-class interactive Unified Communications (UC) across IP network borders

Acme Packet Net-Net Session Border Controllers (SBCs) help secure UC networks and contact centres. As enterprises and contact centres adopt Session Initiation Protocol (SIP) for connection to service providers (SIP Trunks), hosted application providers and remote workers, Acme Packet SBCs provide the necessary control and security to maintain high quality, reliable applications and services.



The Acme Packet range of SBCs enables you to:

- Connect remote workers securely to a VoIP infrastructure
- Connect Branch Offices together securely without needing VPNs
- Smoothly integrate legacy VoIP systems into a unified infrastructure
- Evolve VoIP infrastructures while preserving investment and avoiding forklift upgrades
- Integrate VoIP disaster recovery solutions
- Ensure compliance in VoIP networks
- Ensure PSTN equivalency is achieved quickly and smooth when migrating to a SIP trunking architecture
- Protect VoIP assets from the security threats posed by a migration to SIP trunking

- ✓ Integrate telephony infrastructure such as Avaya Communication Manager and Session Manager with SIP provider networks
- ✓ Advanced security features – reduce risk for SIP trunk deployment
- ✓ Improved business continuity with high availability voice services
- ✓ Simplified approach to expansion of call capacity
- ✓ Reduce overheads with lowered call costs and simplified integration with SIP providers

FEATURES AND BUSINESS BENEFITS

NetSAFE™ Security Framework

Ensure business continuity by preventing security breaches, protecting against network overloads, intrusion, viruses and fraud and encrypting sensitive data.

Configurable SIP Header Manipulation Rules

Save time by overcoming SIP interworking issues between CPE vendor equipment and service provider SIP Trunks.

High Availability Mode

Ensure business continuity. In case of failure a hot standby system can take over call processing without any loss of signalling or media – ensuring non-stop operation.

QoS Measurement

Control costs. By monitoring call quality, you can monitor the SLA provided by the service provider.

Save time. Using the QoS data it's quicker and easier to troubleshoot call problems.

Call Admission Control

Ensure business continuity by preventing oversubscription of the SIP Trunk line, which also ensures call quality.

Hosted NAT Traversal

Reduce complexity and increase productivity. Remote workers can connect securely and easily to the UC network and access the same features and profiles.




Multiprotocol Support (SIP, H.323...)

Reduce costs by extending the life of legacy systems and providing integration with new services and systems. For example connect a H323 PBX to a SIP Trunk through the SBC.

Session replication for recording

Meet regulatory compliance needs with reduced complexity. The SBC can replicate all call signalling and media and forward to a 3rd party call recording device. Having a single interface to the call recording server is easier and cheaper than other approaches such as using SPAN ports on switches.

NET-NET SBC FEATURES

Target Markets	Net-Net 3800	Net-Net 4250	Net-Net 4500
			
Service Provider	✓	✓	✓
Enterprise	✓	✓	✓
Contact Centre	✓	-	✓
Government	✓	-	✓
Features and Functions			
SIP Trunking & Remote Worker	✓	✓	✓
Voice, Video, Fax, IM and Presence Support	✓	✓	✓
SIP-SIP Interworking & protocol normalisation	✓	✓	✓
H.323	✓	✓	✓
SIP-H323 Interworking	✓	✓	✓
Hosted NAT traversal	✓	✓	✓
VPN Support (including Overlapping IP addresses)	✓	✓	✓
TLS	✓	✓	✓
IPSec Encryption	✓	✓	✓
SRTP Encryption	✓		✓
Dos/DDoS	✓	✓	✓
Access Control Lists (ACLs)	✓	✓	✓
SPIT & SPIM Protection	✓	✓	✓
Topology Hiding (L3-L5)	✓	✓	✓
Call Admission Control (multiple options)	✓	✓	✓
Rate Limiting (Session and registrations)	✓	✓	✓
Endpoint authentication (multiple options)	✓	✓	✓
Media bandwidth policing	✓	✓	✓
Intelligent media anchoring/release	✓	✓	✓
MPLS LSP traffic classification (via 802.1q VLAN traffic mapping)	✓	✓	✓
QoS monitoring and reporting (media)	✓	✓	✓
Session Replication for Call Recording	✓	✓	✓
Lawful Intercept	✓	✓	✓
Session Routing (multiple options)	✓	✓	✓
Session agent group load balancing options (SIP and H.323)	✓	✓	✓
Emergency services routing options	✓	✓	✓
Accounting CDR records	✓	✓	✓
High availability (inter-chassis)	✓	✓	✓
Physical Interfaces	✓	✓	✓
Quad 10/100 NIU	NN3800	NN4250	NN4500
Single GigE optical NIU		✓	
Dual GigE optical NIU		✓	
Dual GigE optical NIU (w/ in-line IPsec hw)		✓	
Dual GigE copper NIU (w/ in-line IPsec hw)		✓	
Quad Copper GigE NIU		✓	
Quad Optical GigE NIU	✓		✓
Quad Optical GigE NIU (w/in-line IPsec hw)	✓		✓
Session Capacity	✓		✓
SIP	NN3800	NN4250	NN4500
H.323	150 to 4000	250 to 16000	500 to 32000
SIP / H.323 IWF	150 to 4000	250 to 6000	500 to 10000

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