



The Power of We™

Avaya Session Border Controller Advanced for Enterprise

With Avaya Session Border Controller Advanced for Enterprise you can safely deploy new unified communications applications:

- Softphones, WiFi and dual mode
- Smartphones
- Integrating email, voice, video, instant messaging and presence

Enterprises can simply and easily extend rich communications:

- To home workers, teleworkers, mobile workers, distributed call center staffers with remote Internet Protocol phones
- To partners, the supply chain and customers with Session Initiation Protocol trunks

Avaya Session Border Controller Advanced for Enterprise appliances offers comprehensive Voice over Internet Protocol and unified communications security that enables enterprises to simply and confidently deploy Voice over Internet Protocol and unified communications over any network to any device. The comprehensive, plug-and-play security platform enables the safe termination of Session Initiation Protocol trunks on the customer premises, with the industry's most advanced protection against toll fraud, intrusion, unauthorized access and eavesdropping.

Key Features

Privacy

Encryption that provides that mission-critical and protected information is private and confidential.

Access Control

Authentication of users, including seamless, clientless use of 2-factor authentication providing great protection of enterprise information resources.

Threat Mitigation

Eliminates the need for third party outsourced conferencing, allowing businesses to be more responsive to conference call requirements.

Policy Enforcement

Provides the ability to apply policies on unified communications traffic without affecting performance. This also includes differentiated policies based on user, network, application, time of day and other characteristics.

Key Benefits

Privacy

Compliance & Business Continuity:

Conduct business from anywhere in the world and the communication

remains confidential even over public networks.

Access Control

Flexibility: Give enterprise users access to critical communication resources over any networks using any device without risking exposing key systems to untrusted parties.

Threat Mitigation

Availability: Provide protection from attacks, based on the most advanced library of vulnerabilities built from years of primary research by the Avaya team of unified communication security experts.

Increased efficiency & productivity:

Quickly expand Voice over Internet Protocol and unified communications with new applications such as voicemail email integration, softphones, smartphones while maintaining the same level of security.

Policy Enforcement

Reduce Costs: Apply security, application, routing, recording, monitoring policies based on business needs and compliance mandates such as PCI-DSS, HIPAA, FDIC, GLBA, etc.

Compliance: Use cost effective session initiation protocol trunking for public switched telephone network connectivity and perform flexible least cost routing.

About Avaya

Avaya is a global provider of business collaboration and communications solutions, providing unified communications, contact centers, data solutions and related services to companies of all sizes around the world. For more information please visit www.avaya.com.

Technical Specifications & Capacities

Avaya Session Border Controller Advanced for Enterprise is a real-time, purpose-built appliance with multiprocessor, multi-core, and on-chip crypto acceleration architecture. All media processing, including encrypted media under load and attack conditions, is done deterministically in less than 50 micro

seconds. Avaya Session Border Controller Advanced for Enterprise supports 1+1 high availability deployments and clustering across multiple sites for scalability, geographic redundancy, and real-time call preserving failover. All Avaya Session Border Controller Advanced for Enterprise appliances are centrally managed with the Avaya element management system (EMS).

Avaya Session Border Controller Advanced for Enterprise

Encryption	Includes Encryption - Support for TLS and SRTP
Users	100-10,000 users, 50-2,000 simultaneous sessions
Dimensions	<ul style="list-style-type: none"> • Height: 1.7"(4.32 cm) • Width: 17.1" (43.45 cm) • Depth: 15.5" (39.37 cm) • Unit Weight: ~ 15.5 lbs. (7.03kg) • Boxed Weight: ~ 32 lbs. (14.52kg)
Power Input	340W - AC 110V - 220V auto switching
Nominal Current (110V)	1.2A
Maximum Current (110V)	2A
AC Power (Max)	250 Watts
Interfaces (Ports)	
Data	6 x 1GbE
USB	2
Console	1 (DB 9 - Female)
LCD Display	No
Replaceable Fan	No
Replaceable Hard Drive	No
Redundant PSU	No
Port Bypass	No
Form Factor	1U
Environmental	Operating Temperature 50° to 95°F (10° to 35°C)
Nominal Operating Temp	68°F (20°C)
Operating Temp Range	50° to 95°F (10°C - 35°C)
Relative Humidity	10% - 90%
Requirement	<ul style="list-style-type: none"> • Storage Temperature: -40° to 149°F (-40° to 65°C) • 5% to 95% (non-condensing)
Certifications & Compliance	• FCC, CE, CSA, UL & RoHS
Security Certification	Common Criteria Certified EAL3+

Active encryption reduces appliance capacity by 50%

Learn More

To learn more and to obtain additional information such as white papers and case studies about [Avaya Session Border Controller Advanced for Enterprise](#) please contact your Avaya Account Manager or Authorized Partner or visit us at www.avaya.com

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