

Avaya B5800 Branch Gateway

A flexible, cost effective collaborative branch solution with communications survivability for enterprise branch environments.

Avaya B5800 Branch Gateway is a single-platform solution with multiple deployment options that enables seamless, user-centric access to Avaya Aura® unified communications, applications and services.

Avaya B5800 Branch Gateway brings the latest Unified Communications & Collaboration (UCC) applications to all users, including Avaya Aura® Messaging, Avaya Aura® Conferencing, Avaya Aura® Presence services and much more.

Ideal for customers wanting applications deployed in customer data centers and/ or in the branch itself, Avaya B5800 Branch Gateway enables the branch to cost effectively deliver basic telephony to robust collaboration without complex infrastructure and administration.

Avaya B5800 Branch Gateway combines multiple deployment options (distributed, centralized or mixed) with the ability to adapt specific features and applications to the needs of individual employees in each branch location.

Avaya B5800 Branch Gateway maximizes existing investments by supporting:

- A wide range of branch clients (H.323, analog, digital, SIP and mobile).
- Standard SIP, Key system, and PBX features.
- A variety of trunking options including SIP, Analog, and T1/PRI.



- In addition, Avaya Aura acts as a multi-vendor aggregator enabling companies to deploy applications not only across Avaya gateways and PBXs but across third party as well.

Avaya B5800 Branch Gateway provides a cost-effective enhanced survivability configuration, while providing a migration path to full survivability.

UCC, Network Management & Business Continuity

Voice Messaging	Up to 6 ports & 15 hours storage Integration to Avaya Modular Messaging Visual Voice Mail Context sensitive keys Simple Announcements Sub-menus within Automated Attendant	Message Forwarding with Pre-Pending Call-Back Sender (Caller ID required) Fast Forward, Rewind & Skip Personal Attendant Fax Tone Detection & Routing Voicemail to Email presentation
Conferencing	Up to 128 conference channels (maximum 64 parties per conference); quick set up of conference calls on the fly or schedule them in advance and notify participants automatically	
Mobility	Supports Rich UC mobility across enterprise Remote Call control: transfer, conference, hold, etc.	One number reachability Simultaneous call ringing
Centralized Network Management	Configuration backup and restore Centralized software management	Single view of entire B5800 network Template-based configuration
Enhanced Survivability Features	Local PSTN or SIP trunks Embedded or centralized Modular Messaging Conferencing Caller ID	Attended & Unattended call transfer Call hold and consultative hold Music on Hold Local Class of Restrictions (COR)

Technical Specifications and Scalability

Dimensions	17.5 W x 2.9 H x 14.4" D (445 x 73 x 365mm); Min. clearance front/back: 3" (75mm)
Weight	7.0 lbs/3.2kg
Operating Temperature	32° to 104°F (0° to +40°C). 95% relative humidity, non-condensing
Power Supply	100-240V AC, 50/60Hz, 81-115VA, 2.5A maximum
Endpoints (H.323, SIP, analog, digital)	384
PRI trunk channels	240
Analog trunks	16
Voice compression channels	148

Base, Expansion and Trunk Cards*

Digital Station (DS8)	Connectivity for 8 Avaya digital stations
Voice Compression Module (VCM) Card	32 or 64 channel options
Analog Phone 2 Card & Phone 8 Card	2 or 8 extension ports
4-Port Expansion Card	Connectors for 4 additional expansion modules
Combo Card	6 digital ext., 2 analog ext.; trunk ports (4 analog or 4 BRI); 10 VCM channels.
Analog Trunk Module	16 analog trunks
Digital Station Module	16 (DS16) or 30 (DS30) stations
Phone Expansion Module	Connectivity for 16 or 30 analog extensions
Analog Trunk Card	Provides 4 analog loop-start trunks; also provides one analog V.32 modem
BRI Trunk Card	Supports 2 (4 channel) or 4 (8 channel) BRI trunk connections.
PRI Trunk Card	1 or 2 trunks/ T1, E1, and E1R2.

*Supports four base cards, 12 expansion cards and four trunk cards

Learn more

Providing a flexible, cost-effective solution for communications and collaboration across branch environments is just one of the ways that Avaya meets the needs of today's enterprises. To learn more, contact your Avaya Account Manager or Avaya Authorized Partner. Or, visit us online at www.avaya.com.

About Avaya

Avaya is a global leader in business communications systems. The company provides unified communications, contact centers, data solutions and related services directly and through its channel partners to leading businesses and organizations around the world. Enterprises of all sizes depend on Avaya for state-of-the-art communications that improve efficiency, collaboration, customer service and competitiveness. For more information please visit www.avaya.com.



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References to Avaya include the Nortel Enterprise business, which was acquired as of December 18, 2009.

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