



Media Servers

Full Product Information

Product Summary



With a converged voice/data solution for every business need - from small offices to branch locations to the largest multi-site business - Avaya™ Media Servers and Gateways give you the flexible, scalable foundation you can use to economically and reliably deliver the rich telephony applications of Avaya MultiVantage™ Software over your data network.

Avaya™ Media Servers and Avaya™ Media Gateways work together with Avaya MultiVantage Software and Avaya™ IP Telephones to deliver the many advantages of IP telephony over your existing data network. Using a single network to handle both voice and data communication can save you time and money by simplifying network administration and eliminating the need to buy and maintain two separate networks. Sending voice calls over your data network can reduce public network long distance charges - a particular advantage in international calling. In addition, because these hardware components adhere to widely accepted standards, they make it easier to deploy applications such as unified messaging and customer relationship management across a multi-vendor data network. Their compatibility with the most popular application program interfaces encourages third-party developers to create useful new applications.

Avaya Media Servers make telephony applications an integral part of your data network infrastructure. Running Avaya's advanced, field-proven MultiVantage software, these servers, equipped with industry-standard operating systems, distribute call-handling capabilities and more than 525 telephony features across diversified multi-protocol networks. You can choose the server best suited to meet your communication needs, from a small office to a large location supporting 12,000 IP endpoints.

Avaya Media Gateways support voice and signaling traffic routed between circuit-switched and packet-switched networks. They support all of the applications and adjuncts proven in use with the Avaya DEFINITY® Enterprise Communications Servers, accommodating call center and customer relationship management applications, messaging, remote workers, remote offices and road warriors. Avaya Media Gateways work with standards-based data networks and easily connect with the Public Switched Telephone Network.

Avaya Advantage

When you put customers at the center of your business, your team will go anywhere to keep those customers happy. Whether you touch customers from headquarters, a branch office, a home office or on the road, a converged voice/data network built with Avaya™ Media Servers and Gateways provides the feature-rich, economical and reliable communication your business and your customers need.

Avaya has distilled years of enterprise communications leadership into these advanced network components. Teamed up with Avaya MultiVantage™ Software, they deliver more than 525 telephony features that have been proven by Avaya enterprise customers across the globe. Because they comply with industry standards, they are compatible with a wide variety of applications, and easier to incorporate into your multi-vendor networks. Avaya Media Servers and Gateways are designed for the real world—a world where switched-circuit and packet networks intermesh, where multi-vendor networks are the standard, where business disruptions are unacceptable, and where smart managers extract every dollar of productivity from the networking investments they already have in place.

Key Features

[Advanced Voice Applications](#)

[Broad Scalability](#)

[Business Continuity](#)

[Investment Protection](#)

[Unified System Management](#)

Advanced Voice Applications

Avaya™ Media Servers and Gateways use Avaya MultiVantage™ Software, the latest version of Avaya's advanced telephony software, to deliver proven reliability, efficient call handling and more than 525 voice application features over switched and Internet Protocol networks of any size. Now you can take advantage of the powerful functionality and economy of IP telephony without reinventing your network. Avaya MultiVantage Software is enhanced to run on industry-standard operating systems. This flexible, feature-rich software opens new opportunities for you to increase efficiency and reliably integrate rich voice features and functions—proven in Avaya DEFINITY® Enterprise Communications Systems—into your Internet Protocol (IP) wide area and local area networks.

Broad Scalability

From a single office to a campus to a global enterprise with up to 36,000 endpoints, Avaya Media Servers and Gateways can meet the voice communication needs of virtually any business. For large organizations, the Avaya™ 8700 Media Server can control up to 12,000 IP endpoints and 36,000 total stations.

Business Continuity

For your most critical business functions, such as headquarters operations or standalone customer contact centers, a loss of communications is simply not an option. Avaya provides options to deploy local survivable processors or duplicate processors in your network, pre-programmed and ready to take over call control in case a central media server or communications link is disrupted. In some cases your need for business continuity may require duplication of your entire system of processors, control network and bearer (traffic) network—also an option with the Avaya S8700 Media Server.

Investment Protection

Avaya MultiVantage is the common software application for all Avaya™ Media Servers. The common software enables current DEFINITY system customers to add new functionality while protecting their original investment.

Unified System Management

VisAbility™ Management Suite provides a comprehensive set of tools that make it easier for you to manage your complex network infrastructure—including both voice and data communications—through a common Web-based user interface, so you can improve network uptime, increase staff productivity and reduce your operating costs. Avaya VisAbility Management Suite provides easy to learn, easy to use tools for administration, performance monitoring and maintenance. You can configure and manage Avaya Media Servers and Gateways, monitor IP networks and manage QoS policies. In addition, MultiVantage Software provides policy management capabilities and powerful call routing and private network access capabilities, making system administration easier and more efficient.

Additional Features

Standards Based

Standards Based

Because Avaya MultiVantage™ Software supports most industry application program interfaces and standards—including TAPI, TSAPI, JTAPI, DAPI, ASAI, LDAP, H.323, QSIG, H.450 and H.248—Avaya™ Media Servers and Gateways make it easy to assemble a network of equipment from multiple vendors. This same standards-based approach creates a rich environment for third party application development. The Avaya Developer*Connection* Program (DevConnect) leverages the reliability and effectiveness of our existing communications offerings and combines them with the innovative products of third-party vendors.

Components

[Hardware Components](#)

[Software Components](#)

Hardware Components

The Avaya suite of server and gateway solutions has been designed to meet a broad range of business needs, bringing new capabilities to mission-critical and integrated-communication networking solutions. The following three components are part of the new Enterprise Class IP Solutions (ECLIPS) announcement:

Avaya™ S8300 Media Server / Avaya™ G700 Media Gateway

Designed to meet the mission-critical communication needs of small offices, branch offices, and global multi-site networked customers with 40—450 stations.

This server and gateway pair is a solid solution for growing companies seeking to streamline voice and data operations over one networked infrastructure. With the full capabilities of Avaya MultiVantage™ Software and an internal Layer 2 Ethernet switch, it can be used as a total converged standalone solution for a small business or as a remote edge device for a larger enterprise network. This configuration leverages the distributed architecture benefits of the media gateway concept and provides a survivable, standards-based, IP communications infrastructure without compromising applications, reliability, and multiservice networking. The solution is scalable, modular and supports stackable, hot swappable, redundant architectures. The new INTUITY™ AUDIX® LX multimedia messaging application offers the feature richness and reliability of Avaya messaging systems and has prompts available in 35 languages to meet the needs of the global market.

Avaya™ S8700 Media Server / Avaya™ G600 Media Gateway

Designed to meet the needs of midsize to large, integrated communications systems buyers with 450+ stations and distributed network and campus environments.

This server and gateway provide a powerful solution for companies that want to reduce their communications costs while improving service to a broad base of users. Additional applications can be easily added to provide a multipurpose communications solution across the entire organization quickly and cost-effectively. This powerful combination provides reliable, integrated communications with the performance, scalability, and operational excellence expected of enterprise network systems. The Avaya S8700 Media Server for IP delivers exceptional reliability with duplicated Intel servers running Linux. It utilizes modular media gateway technology based on the IP600 architecture, delivering scalability for up to 10,000 IP stations.

Avaya S8700 Media Server / S8300 Media Server / G700 Media Gateway

Designed for the largest enterprise customers with mission-critical system needs. These customers may have large distributed campuses, high-end call centers, and explosive growth.

Based on industry-standard technology, the Avaya S8700 Media Server delivers maximum flexibility today and maximum adaptability tomorrow. Increased processing power means increased call-handling capacity—a strong plus for call center customers as well as customers evolving into voice over IP telephony. More processing power also provides the capability to increase other system capacities, such as total number of stations and trunks per system—and the opportunity to consolidate systems for more efficient, centralized management. Combined with Avaya S8300 Media Servers, with Local Survivable Processor capability and G700 Media Gateways, branch or remote offices can maintain voice application capabilities in the event of WAN failure.

Software Components

Avaya MultiVantage™ Software

Avaya MultiVantage Software, evolved from DEFINITY® software, is telephony application software, enhanced to run on standards-based commercial operating systems. This flexible, feature-rich software opens new opportunities for you to increase efficiency and reliably integrate rich voice features and functions into your Internet Protocol (IP) wide area and local area networks. Now you can purchase component solutions and create custom, converged enterprise networks that deliver all the flexibility and every capability your business needs, yet at a lower cost.

If you're already an Avaya DEFINITY system customer, you can leverage your existing investment in DEFINITY technology to speed your migration toward a fully converged IP network. Avaya MultiVantage Software offers field-proven, rock-solid IP technology from a world leader.

VisAbility™ Management Suite

We created Avaya VisAbility Management Suite specifically to help you manage a complex networked infrastructure made up of both voice and data communication elements, while increasing productivity and lowering operating costs. The Avaya VisAbility Management Suite's web-based software applications form a comprehensive, integrated network and system management solution for your converged voice and data environment.

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Manufacturing Information

Avaya™ Media Servers and Gateways are manufactured in Denver, Colo.

Country Availability

Please contact your local Avaya representative or Authorized BusinessPartner to determine availability and delivery intervals if your desired location is not listed here.

Related Products

Avaya MultiVantage™ Software

Avaya MultiVantage Software, evolved from DEFINITY® software, provides the advanced functionality of IP telephony, and offers dozens of new applications that can be distributed to the network edge of your enterprise. The software runs on standards-based commercial operating systems. With this flexible, feature-rich software you can eliminate inefficiency and reliably integrate rich voice features and functions—proven in Avaya DEFINITY Enterprise Communications Servers—into your Internet Protocol (IP) wide area and local area networks.

VisAbility™ Management Suite

Avaya VisAbility Management Suite helps you manage a complex networked infrastructure made up of both voice and data communication elements, while increasing productivity and lowering operating costs. The standards-based software applications form a comprehensive, integrated network and system management solution for your converged voice and data environment.

EC500

The Avaya™ EC500 offers one-number portability and one-number access to anyone in your company. By leveraging Avaya voice application software, the EC500 transparently bridges calls from the Avaya communications server to any digital cell phone regardless of wireless service provider or cellular standard in use.

4600 IP Telephones

Avaya™ IP Telephones bring the rich features and functions of Avaya™ Voice Application Software directly to the desktop. They are an essential part of converged voice and data networks built with the Avaya™ Enterprise Class IP Solutions (ECLIPS) product family. Available in 6-, 12- and 24-button models and a full-color Screenphone, these telephones deliver an extensive set of features, high audio quality and attractive streamlined design.

IP Softphone

The Avaya™ IP Softphone creates one simple, easy-access method for managing all business telephony communications, whether at the office, on the road or working from home. Once the IP Softphone software is installed on your PC or laptop, you can place, receive, transfer and conference various types of calls using high-quality iClarity IP Audio, as well as access voice mail messages. The recently announced Avaya™ IP Softphone for Pocket PC brings the functionality of your office phone to your Windows CE hand-held device.

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