



# Avaya Message Networking

## Link Your Disparate Messaging Systems Into One Efficient Messaging Network

The fastest, most cost effective way to maximize your messaging capabilities is to leverage the systems you have in place by linking them together. Networking existing systems can boost performance, lower operating costs, and enable employees to increase their productivity on a daily basis. Avaya Message Networking is one such solution that can help you get the most out of your multiple messaging systems.

Avaya Message Networking lets you streamline and leverage your communications investments by linking stand-alone, multi-vendor messaging systems into one company-wide messaging network that delivers the power of messaging to your entire enterprise. And with its ability to network from 2 to 500 remote locations (per server) and up to 500,000 individual subscribers (per network), you can use Avaya Message Networking to expand your network to meet your changing needs.

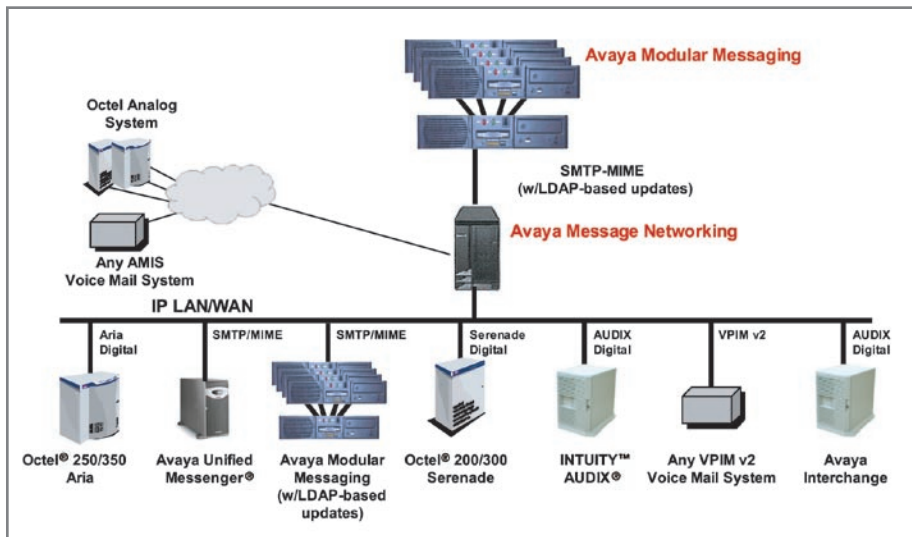
A server-based solution that uses a “store-and-forward” approach to networking, Avaya Message Networking receives messages, performs the necessary protocol conversions (if required), and simultaneously delivers messages to one or multiple recipients on one or many messaging systems.

This affordable, flexible solution connects almost any vendor’s messaging system to deliver a compelling return on investment, lower the cost of ownership, and improve communications across your enterprise.

Avaya Message Networking can be strategically implemented today in support of your future goals. For example, you can plan ahead for mergers and acquisitions to help ensure your communications can extend across disparate messaging systems.

### Choices In Message Networking

Avaya Message Networking is available in two platforms, providing enterprises with a choice of networking capabilities based on budget, network size and message handling requirements.



Avaya Message Networking



The Basic platform, which includes the Message Networking software on the Avaya S3210 Message Server, performs as either a network hub or a bridge into an existing network, providing a rich array of networking features and delivering communications and cost-savings benefits to enterprises of all sizes. With the Enhanced platform, delivered on the high-availability, high-reliability Avaya S3400 Message Server, enterprises can take advantage of increased capacities and additional functionality – for example, the Enterprise List feature, which offers the ability to broadcast messages to all associates. (For a comparison of the features/capacities available with each Message Networking platform, see the Technical Specifications section of this brochure.)

Avaya Message Networking provides a clear path to bringing new IP standards-based messaging systems to your enterprise network. The Avaya Modular Messaging platform, for example, enables “Standards-based IP Messaging,” the next phase in the evolution of messaging solutions, where components are built on industry standard hardware and software elements that support the SMTP/MIME (Simple Mail Transfer Protocol-Multipurpose Internet Mail Extensions) protocol. Avaya Message Networking, through its support of the SMTP-MIME protocol, provides a seamless link between the new Avaya Modular Messaging platform and your existing Avaya messaging systems, as well as other vendors’ messaging systems that support the SMTP-MIME networking protocol

## **Multiple Protocol Support Makes It Easy To Unify Disparate Systems**

Avaya Message Networking translates different message transmission protocols and transcodes the various speech compression techniques, so you can network almost any messaging system in your enterprise. And because all transmission protocol translations are performed within Avaya Message Networking, there’s no need to reconfigure each individual end-point or equip them with translation software. You can add or drop systems without affecting other systems that are on the network.

Avaya Message Networking can network any messaging system that supports the industry-standard VPIM (Voice Profile for Internet Mail) v2 and SMTP-MIME for digital transmission protocols, or AMIS (Audio Message

Interchange Specification) for analog transmission protocols. It provides transcoding between diverse digital voice compression formats and converts analog-to-digital and digital-to-analog, while supporting SMTP/MIME, TCP/IP (for Avaya INTUITY™ AUDIX®, INTUITY™ AUDIX® LX, Octel® 200/300 and Octel® 250/350 messaging systems, as well as non-Avaya messaging servers that are VPIM-compatible), AMIS-analog and Octel-analog Networking protocols. Avaya Message Networking provides additional enhancements to the VPIM- and AMIS-connected end-point servers, which can help reduce the cost of connecting these servers to the network. Message Networking can be used in conjunction with Avaya Interchange and other Message Networking systems to offer a more comprehensive solution for your message networking needs.

## **Moving From Avaya Interchange to Message Networking**

Many Avaya customers who already have an Avaya Interchange in their network can realize benefits by moving from their Interchange solution to Message Networking (on the S3400 Message Server only). The benefits include: higher capacities, additional LDAP directory capabilities, higher availability platform, and significant enhancements to the Enterprise List feature. Message Networking represents the next logical step in enhancing your messaging capabilities enterprise-wide.

## **Avaya Professional Services For Effective Implementation**

Avaya Message Networking for the Avaya S3210 Message Server is designed so you can fully implement the system through easy web-based administration or you can have the Avaya Professional Services Organization implement it in your existing network, or design and implement it in a new network.

## **Learn More**

To learn more, talk to an Avaya Client Executive or Authorized BusinessPartner. Also, visit [avaya.com/learn-more/ip](http://avaya.com/learn-more/ip). For more information about Avaya and other award-winning solutions, visit [avaya.com](http://avaya.com).

TECHNICAL SPECIFICATIONS	S3210	S3400
<b>Operating System</b>	<ul style="list-style-type: none"> <li>Linux</li> </ul>	<ul style="list-style-type: none"> <li>Linux</li> </ul>
<b>Administrative Interface</b>	<ul style="list-style-type: none"> <li>Web browser-based</li> </ul>	<ul style="list-style-type: none"> <li>Web browser-based</li> </ul>
<b>File Transfer Protocol (FTP) Interface</b>	<ul style="list-style-type: none"> <li>Included</li> </ul>	<ul style="list-style-type: none"> <li>Included</li> </ul>
<b>Protocols</b>		
AUDIX® Digital TCP/IP	Yes (In base package)	Yes (In base package)
Aria® Digital TCP/IP	Yes (In base package)	Yes (In base package)
Serenade® Digital TCP/IP	Yes (In base package)	Yes (In base package)
VPIM	Yes (Optional)	Yes (In base package)
Octel® Analog	Yes (Optional)	Yes (In base package)
AMIS	Yes (Optional)	Yes (In base package)
SMTP-MIME (with LDAP based updates)	Yes (Optional)	Yes (In base package)
AUDIX DCP	No	No
AUDIX RS232	No	No
<b>External Media (backups, etc.)</b>	<ul style="list-style-type: none"> <li>R/W CD</li> </ul>	<ul style="list-style-type: none"> <li>DVD- RAM</li> </ul>
<b>Maximum Number of Subscribers (traffic dependent)</b>	<ul style="list-style-type: none"> <li>500,000</li> <li>250,000 (with voice name)</li> </ul>	<ul style="list-style-type: none"> <li>500,000</li> <li>250,000 (with voice name)</li> </ul>
<b>Maximum Number of Remote Machines (traffic dependent)</b>	<ul style="list-style-type: none"> <li>500</li> </ul>	<ul style="list-style-type: none"> <li>500</li> </ul>
<b>Maximum Number of Ports</b>	<ul style="list-style-type: none"> <li>AUDIX Digital TCP/IP: 4</li> <li>Aria Digital TCP/IP: 4</li> <li>Serenade Digital TCP/IP: 4 (Note: ports are additive; you can have all maximums on at the same time.)</li> <li>VPIM: 8</li> <li>SMTP-MIME: 8 (Note: SMTP-MIME and VPIM ports are shared)</li> <li>AMIS: 12</li> <li>Octel-analog: 12 (Note: AMIS and Octel-analog ports are shared)</li> </ul>	<ul style="list-style-type: none"> <li>AUDIX Digital TCP/IP: 12</li> <li>Aria Digital TCP/IP: 16</li> <li>Serenade Digital TCP/IP: 16 (Note: ports are additive; you can have all maximums on at the same time.)</li> <li>VPIM: 20</li> <li>SMTP-MIME: 20 (Note: SMTP-MIME and VPIM ports are shared)</li> <li>AMIS: 16</li> <li>Octel-analog: 16 (Note: AMIS and Octel-analog ports are shared)</li> </ul>
<b>Customer Administrable</b>	<ul style="list-style-type: none"> <li>Yes</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> </ul>
<b>Customer Test Connection Tools</b>	<ul style="list-style-type: none"> <li>Included</li> </ul>	<ul style="list-style-type: none"> <li>Included</li> </ul>
<b>Reporting (Subscriber, Remote Machine, etc.)</b>	<ul style="list-style-type: none"> <li>Included</li> </ul>	<ul style="list-style-type: none"> <li>Included</li> </ul>
<b>Call Detail Recording (CDR)</b>	<ul style="list-style-type: none"> <li>Optional - 100,000 records (an average of 10,000 at 10 days)</li> </ul>	<ul style="list-style-type: none"> <li>Included - 200,000 records (an average of 20,000 records per day for 10 days)</li> </ul>

### About Avaya

Avaya enables businesses to achieve superior results by designing, building and managing their communications networks. Over one million businesses worldwide, including more than 90 percent of the FORTUNE 500®, rely on Avaya solutions and services to enhance value, improve productivity and gain competitive advantage.

Focused on enterprises large to small, Avaya is a world leader in secure and reliable IP telephony systems, communications software applications and full life-cycle services. Driving the convergence of voice and data communications with business applications – and distinguished by comprehensive worldwide services – Avaya helps customers leverage existing and new networks to unlock value and enhance business performance.

reach  
**AVAYA**  
a higher plane  
of communication

IP Telephony

Contact Centers

Unified Communication

Services

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05/04 • EF-UC1993-03

