



- IP Telephony
- Contact Centers
- Mobility
- Services

**FACT SHEET**

# Avaya Modular Messaging 3.1

## A Migration Path to Intelligent Communications

### Solution Overview

Messaging systems have evolved from proprietary, isolated systems to open, IP based intelligent communication solutions. Avaya Modular Messaging has the flexibility to fit into your security sensitive IT environment, offer flexibility and choice in deployment options and provide a solid foundation for Unified Communications.

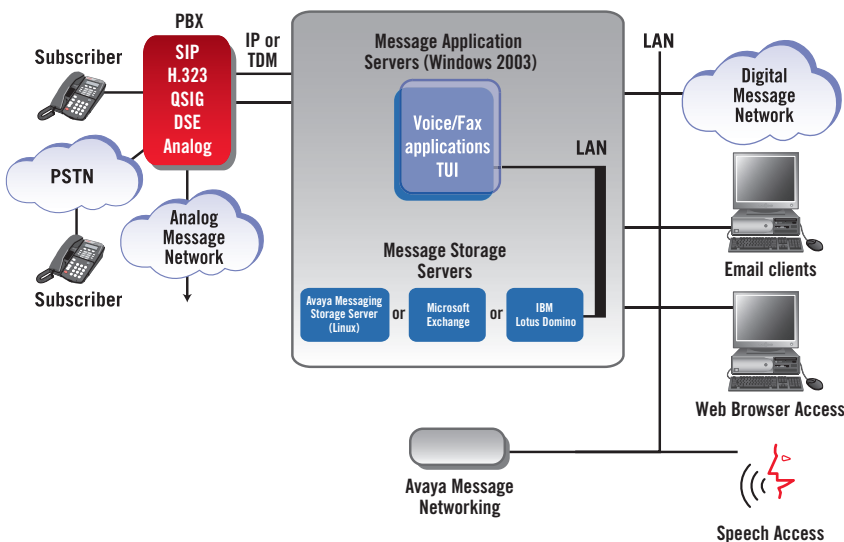
Modular Messaging lowers Total Cost of Ownership by integrating with popular email clients and servers, raises productivity by allowing user access VIA Speech, web, PDA and choice of Telephone user interface and protects your investment by integrating into your existing environment and allowing standards based access for custom and future applications.

Avaya Modular Messaging is suitable for either traditional telecommunications or IP environments, combining world-class messaging technology with industry standards. The result is a cost effective and flexible approach to maximizing your current and future messaging system investments, while bringing new application value and functionality to your organization.

This powerful, forward-looking voice/fax or unified (voice/fax/email) messaging system is designed for single or multi-site global enterprises. Modular Messaging allows you to add new IP messaging capabilities while preserving your current messaging infrastructure and capital investments. Modular Messaging is the preferred messaging solution for customers purchasing Avaya Communication Manager, and for those migrating from Avaya Octel® 250/350 (Aria®), Octel 200/300 (Serenade®) or Avaya INTUITY™ AUDIX® MAP 5/40/100.

In fact, it's all about choices. Modular Messaging provides flexible deployment options while providing choices in:

- **System architecture** — including single-site, networked or centralized enterprise-wide deployments.
- **Reliability** – High availability hardware, N+1 application servers, LAN Backup and Survivable Modular Messaging extend complete Business continuity solutions to voice messaging applications
- **Message storage** — voice only, voice/fax, or unified storage with Microsoft Exchange or IBM Lotus Domino
- **Access methods** — choices of PC email clients, Web browsers, speech access, PDA or telephone user interfaces (TUI) — Aria, Serenade and AUDIX-like
- **Networking architectures** — the most appropriate and cost-effective networking topologies including bridge or hub and spoke. Message Networking allows seamless networking and protocol conversion to legacy and multi-vendor messaging systems
- **Networking protocols** — Native SMTP/MIME (and via Message Networking), VPIM v2, AMIS, AUDIX Digital Networking, Octel Analog Networking, Aria Digital Networking, Serenade Digital Networking
- **IP (SIP or H.323) or traditional call processing integrations** — for Avaya and many other PBX brands
- **Links to mobility and advanced productivity applications** — enable desk and mobile workers to stay linked to customers and work activities
- **Standards-based** — IMAP4, POP3, SMTP/MIME, LDAP, SNMP, SIP, H.323, QSIG, GSM, G.711



## Technical Specs

<b>Avaya S3500 Message Server</b>	<ul style="list-style-type: none"> <li>From one to five S3500 Messaging Application Servers for the application software (when using the Avaya Message Storage Server). As your port requirements increase, simply add S3500 Message Application Servers to accommodate the expansion. The Message Application Server can be deployed in an N+1 configuration for greater call answering reliability. From one to ten S3500 Message Application Servers (when using Microsoft Exchange or IBM Lotus Domino as the message storage server)</li> </ul>	
<b>Common S3500 Message Server Specifications</b>	<ul style="list-style-type: none"> <li>Intel P4 3.4 GHz processor</li> <li>2 GB system memory</li> </ul>	<ul style="list-style-type: none"> <li>Industrial 2U rack mount chassis. Dimensions: 3.5H x 16.9W x 26D</li> </ul>
<b>S3500 Message Application Server Specifications</b>	<ul style="list-style-type: none"> <li>80 GB ATA-100 hard drive</li> <li>DVD-ROM</li> </ul>	<ul style="list-style-type: none"> <li>Microsoft Windows 2003</li> </ul>
<b>S3500 Message Storage Server – Standard Availability Option</b>	<ul style="list-style-type: none"> <li>(2) 80 GB ATA-100 hard drives</li> <li>RedHat Enterprise Linux v4</li> <li>RAID Level 1</li> </ul>	<ul style="list-style-type: none"> <li>DVD-RAM</li> <li>Up to 1,500/7,500 hours of message storage using G.711/GSM encoding</li> </ul>
<b>S3500 Message Storage Server — High Availability Option</b>	<ul style="list-style-type: none"> <li>(4) 73 GB Ultra 160 SCSI hot/swap hard drives</li> <li>RedHat Enterprise Linux v4</li> <li>RAID Level 5</li> <li>(2) Redundant hot/swap power supplies</li> </ul>	<ul style="list-style-type: none"> <li>DVD-RAM</li> <li>Up to 3,000/15,000 hours of message storage using G.711/GSM encoding</li> <li>(4) Redundant, hot swappable chassis fans</li> </ul>
<b>Microsoft Exchange or IBM Lotus Domino Storage Option</b>	<ul style="list-style-type: none"> <li>Support for single or multiple Microsoft Exchange or IBM Lotus Domino message stores (customer provided)</li> </ul>	
<b>Ports/IP Channels</b>	<ul style="list-style-type: none"> <li>4 to 144 with Avaya Message Storage Server; 4 to 240 ports with Microsoft Exchange or IBM Lotus Domino</li> <li>Tip/Ring, T1, E1, Digital Set Emulation (DSE), IP: SIP, H.323</li> </ul>	
<b>Users</b>	<ul style="list-style-type: none"> <li>Maximum of 20,000 using Avaya Message Storage Server; 100,000 using Microsoft Exchange or IBM Lotus Domino message store; up to 250,000 networked subscribers</li> </ul>	
<b>Standard Features &amp; Applications</b>	<ul style="list-style-type: none"> <li>Find Me, Call Me, Notify Me mobility applications</li> <li>Caller Applications</li> <li>IMAP4 or Add-Ins for Microsoft Outlook or IBM Lotus Notes</li> <li>INTUITY AUDIX-like, Octel Aria-like and Octel Serenade-like Telephone User Interfaces (TUIs)</li> <li>Web client for message access (with Avaya Message Storage Server Configurations)</li> <li>Web Subscriber Options</li> <li>TTY/TDD Section 508 &amp; 255 compliancy for the hearing impaired</li> <li>Integrated Fax with Avaya Message Storage Server configurations (unified fax supported with Microsoft Exchange or IBM Lotus Domino using third party fax servers)</li> </ul>	<ul style="list-style-type: none"> <li>Avaya Mailbox Manager (with Avaya Message Storage Server configurations)</li> <li>LAN Backup (With Avaya Message Storage Server)</li> <li>Multi-Time Zone support</li> <li>Authentication, Authorization, and Accounting (AAA) Server support for external authentication for administrators via RADIUS or LDAP.</li> <li>Roles Based Access Control support to define administrative roles and privileges.</li> <li>Migration Services to move system data and messages from Legacy Octel 200/300, Octel 250/350 and INTUITY AUDIX (Map 5, 40, 100) message servers. (Provided by third party applications from Unimax Systems Corporation and Mutare Software)</li> </ul>

### About Avaya

Avaya enables businesses to achieve superior results by designing, building and managing their communications infrastructure and solutions. For over one million businesses worldwide, including more than 90 percent of the FORTUNE 500®, Avaya embedded solutions help businesses enhance value, improve productivity and create competitive advantage by allowing people to be more productive and create more intelligent processes that satisfy customers.

For businesses large and small, Avaya is a world leader in secure, reliable IP telephony systems, communications applications and full life-cycle services. Driving the convergence of embedded voice and data communications with business applications, Avaya is distinguished by its combination of comprehensive, world-class products and services. Avaya helps customers across the globe leverage existing and new networks to achieve superior business results.

# AVAYA

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