



FACT SHEET

Avaya Modular Messaging 4.0

with Avaya one-X™ Speech 4.0

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.

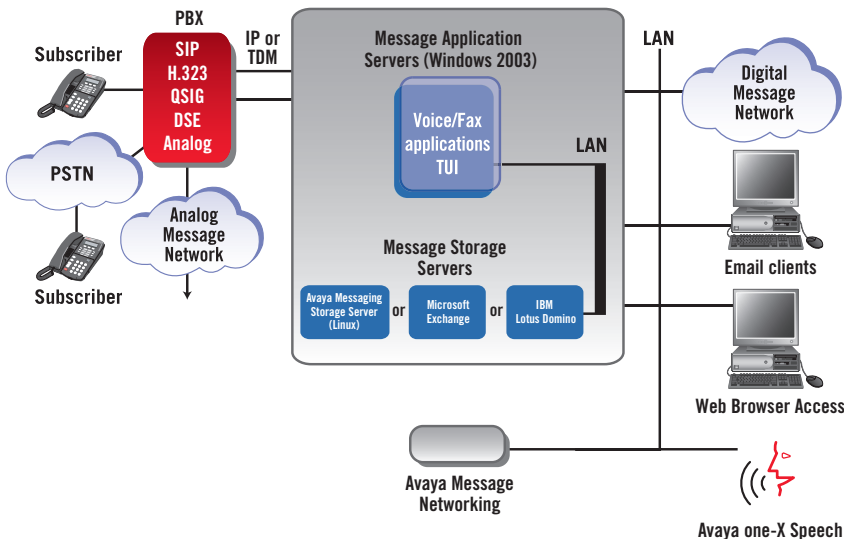
Avaya Modular Messaging is suitable for either traditional telecommunications or IP environments, combining world-class messaging technology with industry standards. The result is a cost effective and flexible approach to maximizing your current and future messaging system investments, while bringing 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
- **Speech access** — Now that one-X Speech¹ is bundled with Modular Messaging 4.0, together they can provide key workgroups with access to critical communication tools and applications all day, no matter where they are – at work, at home, or on the road. Users can use any telephone and via speech commands gain access to calling and conference capabilities, and productivity tools such contacts, calendars, and tasks lists.
- **Networking architectures** — Message Networking allows seamless networking and protocol conversion to legacy and multi-vendor messaging systems
- **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



¹Separate server required

Technical Specs for Modular Messaging

Avaya S3500 Message Server	<ul style="list-style-type: none"> 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) 	
Common S3500 Message Server Specifications	<ul style="list-style-type: none"> Intel P4 3.4 GHz processor 2 GB system memory 	<ul style="list-style-type: none"> Industrial 2U rack mount chassis. Dimensions: 3.5H x 16.9W x 26D
S3500 Message Application Server Specifications	<ul style="list-style-type: none"> 80 GB ATA-100 hard drive DVD-ROM 	<ul style="list-style-type: none"> Microsoft Windows 2003
S3500 Message Storage Server – Standard Availability Option	<ul style="list-style-type: none"> (2) 80 GB ATA-100 hard drives RedHat Enterprise Linux v4 RAID Level 1 	<ul style="list-style-type: none"> DVD-RAM Up to 1,500/7,500 hours of message storage using G.711/GSM encoding
S3500 Message Storage Server — High Availability Option	<ul style="list-style-type: none"> (4) 73 GB Ultra 160 SCSI hot/swap hard drives RedHat Enterprise Linux v4 RAID Level 5 (2) Redundant hot/swap power supplies 	<ul style="list-style-type: none"> DVD-RAM Up to 3,000/15,000 hours of message storage using G.711/GSM encoding (4) Redundant, hot swappable chassis fans
Microsoft Exchange or IBM Lotus Domino Storage Option	<ul style="list-style-type: none"> Support for single or multiple Microsoft Exchange or IBM Lotus Domino message stores (customer provided) 	
Ports/IP Channels	<ul style="list-style-type: none"> 4 to 144 with Avaya Message Storage Server; 4 to 240 ports with Microsoft Exchange or IBM Lotus Domino Tip/Ring, T1, E1, Digital Set Emulation (DSE), IP: SIP, H.323 	
Users	<ul style="list-style-type: none"> 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 	
Standard Features & Applications	<ul style="list-style-type: none"> Find Me, Call Me, Notify Me mobility applications Caller Applications IMAP4 or Add-Ins for Microsoft Outlook or IBM Lotus Notes INTUITY AUDIX-like, Octel Aria-like and Octel Serenade-like Telephone User Interfaces (TUIs) Web client for message access (with Avaya Message Storage Server Configurations) Web Subscriber Options TTY/TDD Section 508 & 255 compliancy for the hearing impaired Integrated Fax Avaya Mailbox Manager (with Avaya Message Storage Server configurations) 	<ul style="list-style-type: none"> Authentication, Authorization, and Accounting (AAA) Server support for external authentication for administrators via RADIUS or LDAP. Roles Based Access Control support to define administrative roles and privileges. 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) Avaya one-X Speech is now bundled with each Modular Messaging 4.0 seat license¹ <p>¹Separate server required</p>

About Avaya

Avaya delivers Intelligent Communications solutions that help companies transform their businesses to achieve market-place advantage. More than 1 million businesses worldwide, including more than 90 percent of the FORTUNE 500®, use Avaya solutions for IP Telephony,

Unified Communications, Contact Centers and Communications Enabled Business Processes. Avaya Global Services provides comprehensive service and support for companies, small to large. For more information visit the Avaya Web site: <http://www.avaya.com>.

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