



IP Telephony

Contact Centers

Mobility

Services

FACT SHEET

Avaya Modular Messaging 3.0

A Migration Path to Messaging Convergence and Mobility

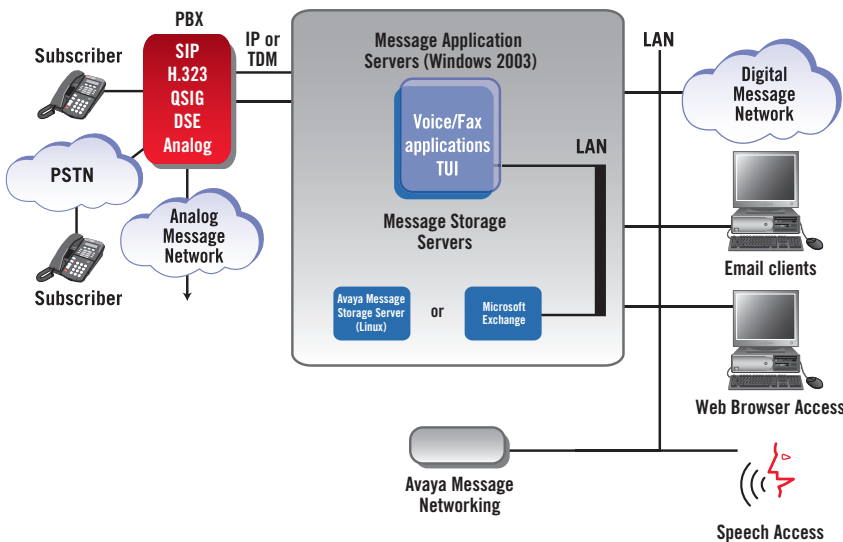
Solution Overview

Like most businesses today, you face choices about how to affordably acquire or enhance your existing messaging system with new technologies and applications. “Standards-based IP Messaging” is the current phase in the evolution of messaging solutions, in which components are built on industry standard hardware and software elements. Suitable for either traditional telecommunications or IP environments, Avaya Modular Messaging combines Avaya world-class messaging technology with industry standards to support 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. Architecture extends N+1 reliability to voice messaging applications
- **Message storage** — voice only, voice/fax, or unified storage with Microsoft Exchange
- **Access methods** — choices of PC email clients, Web browsers, speech access 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
- **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

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 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 Storage Option	<ul style="list-style-type: none"> Support for single or multiple Microsoft Exchange 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 Exchange/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 Exchange; 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 	<ul style="list-style-type: none"> Integrated Fax with Avaya Message Storage Server configurations (unified fax supported with Exchange using third party fax servers) Avaya Mailbox Manager (with Avaya Message Storage Server configurations) LAN Backup (With Avaya Message Storage Server) Multi-Time Zone support 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)

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's 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.

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11/05 • UC1991-04