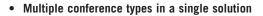# AVAYA

Avaya Meeting Exchange

S6200 Server

The Avaya S6200 Media Server is an open conferencing platform with SIP-based architecture that supports the Avaya Meeting Exchange application. Meeting Exchange, deployed on the S6200, allows enterprises to deploy a flexible, cost-effective conferencing solution in a pure IP environment. The S6200 with Meeting Exchange offers:

- **Multiple conference types in a single solution**

  —Reservation-less, attended, event, mobile, Web

- **Conference management: Web-based or touchtone controls**

  —Mute, dial-out, sub-conference, disconnect, lock conference, conference recording, billing code capture, roll call

- **Open APIs**

  —Rapid development or integration with custom or third party applications

- **Scheduling and notification options**

  —Microsoft Outlook, Lotus Notes, Web Portal, or custom scheduling tools

- **Value-added functionality**

  —Integrated audio and Web conference recording, with Avaya Web Conferencing

  —Robust, customizable reporting and billing options

  —Integration with industry-leading Presence, Availability and Instant Messaging applications

- **Customization**

  —Brandable interfaces and conference messages

- **Flexible deployment options**

  —Small to Mid-size Enterprises:
  S6200 Media Server — A software-based IP conferencing platform that supports Avaya conferencing features on standard Intel-based servers with capacity to 2000 concurrent users per platform. The S6200 is interoperable with Avaya and third party IP-PBXs and IP phones and allows small to mid-size Enterprises to offer conferencing solutions in a efficient IP environment.

Benefits of IP Deployment

- Leverage existing Avaya conferencing applications and APIs for migration to softswitch architecture

- Seamlessly integrate value-added applications and IP-enabled features including Presence and Instant Messaging

- Ensure compatibility with any network through open software structure

- Reduce operating costs

  —Shared hardware resources across applications

  —Streamline maintenance and management requirements

  —Small footprint platform reduces facilities costs

Technical Specifications

Hardware:
S6200

- Standard off-the-shelf server technology (Dell PowerEdge 1950) with:

  – PE1950 Quad-Core Xeon X5355 2.66GHz/2x4MB 1333FSB

  – 2GB FB 667MHz Memory (4x512MB single rank DIMMs)

  – Redundant 146GB SAS (15,000rpm) 3.5 inch Hard Drive

  – 1U Rack-mountable chassis

  – 30.4" (77.2cm) D x 16.7" (42.6cm) W x 1.67" (4.26cm) H with bezel attached

  – Rack Weight 35.8 lbs (16.3 Kg), maximum configuration

  – Operating System: Red Hat Linux Enterprise v4

Capacity:

- Up to 2000 SIP ports / concurrent users in-band
    - Optional TDM support available with external gateways
    - 8-trunk gateway: 192 T1/ 240 E1 ports
    - 16-trunk gateway: 384 T1/ 480 E1 port
    - Single T3 slot gateway: 672 port
    - Triple T3 slots gateway: 2016 ports

Media Interface/Protocol:

SIP

LAN Interfaces:

- Dual embedded Broadcom® NetXtreme IITM 5708 Gigabit2 Ethernet NIC with fail-over and load balancing
- Intel PRO 1000PT Dual Port Server Adapter, Gigabit NIC, Cu, PCIe x4

Power:

- Redundant 670 Watt hot-plug power supplies
- Auto-switching universal 110/220 Volts

TDM:

External TDM gateway or Internal PCI gateway required for TDM Interfaces (1,2,4,8 T1/E1 Trunks)

Standards Compliance:

RFC 3261 — SIP Standard

RFC 2833 — RTP payload for DTMF digits

RFC 3550 — RTP

RFC 3605 — RTCP (Control Protocol Extended Reports)

RFC 3556 — SDP for RTCP

RFC 2976 — SIP INFO Method

RFC 3389 — RTP for Comfort Noise Generation

MSML/MOML and MSCML — partial

RFC 1945 — HTTP V1.0 - full

RFC 2616 — HTTP V1.1 - full

RFC 1094 — NFS V2 - full

RFC 1157 — SNMP V2.2 - full

RFC 3164 — Syslog - full

RFC 854 — Telnet - full

Third Party Compatibility:

The S6200 Media Server is interoperable with leading IP-PBXs, IP phones, gateways, and softswitches. Check with Avaya for a full list of certified interoperable devices.

Voice Quality:

- Toll quality support
- Support for high quality codecs including G.711 a-law or u-law Codecs

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.

AVAYA

INTELLIGENT COMMUNICATIONS

avaya.com

ISO CERTIFIED
9001 • 14001