MeetingSite 5000™ Conferencing System

Advanced Capabilities to Support
Your Collaborative Conferencing Needs

Meet More Effectively and Control Costs

As the pace of business accelerates and relationships spread around the country and the world, the need to bridge distances quickly and economically has become a major challenge. Bringing customers and staff together efficiently is critical to being more competitive.

What's needed is a system that eliminates costly travel, links multiple locations, and lets groups meet to enhance customer relationships and grasp emerging opportunities.

Polycom's® MeetingSite 5000™ is the answer. This full-featured videoconferencing bridge allows you to successfully host multilocation

seminars, sales meetings, group conferences, product introductions, and other face-to-face business communications.

Work Faster and Smarter

The bridge permits you to choose the standards-compliant videoconference systems (endpoints) of your choice, as

POLYCOM®
Advanced Teleconferencing Solutions

Your Reliable, Flexible, Multimedia Conferencing Solution

well as the speed and number of locations on a call. Its wide selection of control modes makes videoconferencing more natural than ever before. Live, interactive images enable you to gauge reactions instantly, respond immediately, and conduct business as if all participants were in the same office. Shrinking the miles to increase productivity, the MeetingSite 5000 saves you time and money while effectively controlling your multilocation, collaborative conferencing.

Complete and Immediate Conference Control

▼ Voice Activated Switching (VAS) — The bridge will automatically switch the video display when the speaker changes — not when background noise occurs.

▼ Chair Control — You request or relinquish control of the conference, choose the broadcaster, and drop a site or a conference.

▼ Presentation Mode — Participants see the speaker at all times, and the speaker sees the questioner. This is well suited for training sessions or presentations.

▼ Broadcast With AutoScan — Participants see the speaker at all times, and the speaker sees participants in each location on a timed, predetermined, rotating basis. This is an excellent mode when an instructor or speaker is presenting, but no responses are expected.

Continuous Presence *Plus*

Continuous Presence *Plus* is a highly flexible solution that allows up to 25 locations to fully participate via both video and audio. With the Polycom MeetingSite 5000, you can use the unique set of capabilities to have a truly natural and productive video meeting. This is a distinct advantage and the most effective way to maximize video-conference productivity.

The bridge can bring you Continuous Presence *Plus* at video rates from 56 Kbps up to 768 Kbps and can support 30 frames per second video quality. In addition, Continuous Presence *Plus* you can choose to customize the screen view with the Panoramic View combined with standard quad images.
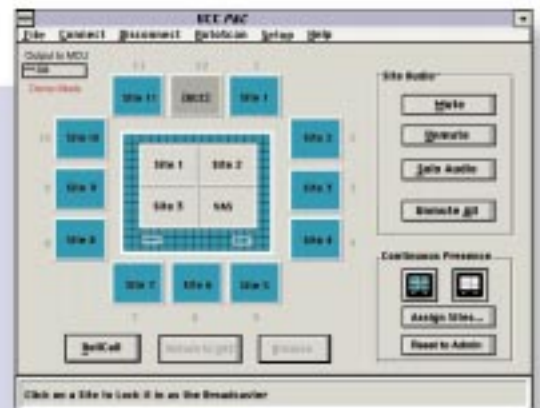
SpeedMatching

The MeetingSite Conferencing System offers *SpeedMatching*, which enables users to maintain different transfer rates during a video-conference. The MeetingSite 5000 is the first multipoint conferencing system to deliver speed-matching capabilities for full screen and Continuous Presence *Plus* conferences. With *SpeedMatching*, endpoints transporting video at different rates of speed can participate in a video-conference either in single screen or Continuous Presence *Plus* mode, making it easier to bring desktop and group users into a single conference. *SpeedMatching* on the MeetingSite 5000 is supported from 56 Kbps up to 768 Kbps.

Universal Conference Control P&C

Universal Conference Control

The award-winning Universal Conference Control (UCC) gives you a choice between two easy-to-use interfaces that put you in complete control of your videoconference.

▼ *UCC Star* —Using telephone touch-tone keypad commands, you can have quick and easy conference control.

▼ *UCC P&C* —Point-and-click access allows you to control your conference from a laptop or PC.

Start by taking roll call, move participants in and out, go to full screen mode, change to solo audio, or switch from Voice Activated Switching to Presentation Mode and back at your command. UCC can turn your video meeting into a multimedia production. It′s simple and flexible.

Telecom Reliability

In addition to being Year 2000 compliant, the MeetingSite 5000 is designed on a telecon hardened platform. This platform has proven to be virtually fail-safe in tens of thousands of installations worldwide, and the conferencing system takes advantage of this highly reliable operating environment.

The Polycom bridge has continuous on-line monitoring, remote management, diagnostics, and alarming, which can quickly identify and repair trouble spots before they become service-affecting problems. In the unlikely event that trouble occurs, a new circuit card can be inserted (hot insertion) while conferences are in progress, with no interruption at all.

H.320 Translator

A unique capability of the Polycom's MeetingSite 5000 is the H.320 Translator, allowing H.263 endpoints to maintain their improved quality while communicating with endpoints using the H.261 standard.

T.120 MultiPoint Data Conferencing

Continuing our commitment to industry standards, we support the ITU-T.120 series standards. The MeetingSite 5000 Series can support your T.120 Conference from 56 Kbps to 1920 Kbps.

Excellent Video Quality with Low Bandwidth

Conferences utilizing the H.320 Translator are supported in full screen mode, while conferences using H.263 exclusively are supported in both the full screen and Continuous Presence *Plus* modes.

Linking Multiple MeetingSite™ 5000s

For businesses wishing to conduct video-conferences with larger audiences, the MeetingSite 5000 has incorporated the advanced capabilities of H.243 Star Cascading, which links multiple bridges to create a single conference of up to 600 users.

Connectivity Options

The MeetingSite 5000 Series connects to private or public networks, whether signaled or nonsignaled. It may also be used behind a digital PBX to share capacity on your network with other applications. Video endpoints may be connected directly to the conferencing system for savings on your PBX capacity or network access charges. Complete end-to-end testing helps to ensure full interoperability with H.320 and T.120 compliant endpoints.

Polycom Service and Support

Polycom's Service Center supports your network with an extensive array of Professional Services. These include end-to-end video network design, testing, installation, and tier 3 support.

For more information about the Polycom MeetingSite 5000, contact your Polycom representative at **1.408.474.2223.** Or, visit our Web site at **www.polycom.com**.

MeetingSite 5000

VIDEO STANDARDS SUPPORTED

H.221 Frame Structure

H.230 Control Capabilities

H.231 Multipoint Control Units

H.242 Establishing Point-to-Point
Communications

H.243 Establishing Multipoint
Communications

H.263 Video Coding (FCIF, QCIF, SQCIF,
4CIF, 16CIF)

H.261 Video Coding (FCIF, QCIF)

H.320 Terminal Specifications

DATA STANDARDS SUPPORTED

T.122 MCS Service Definition

T.123 Network Protocol Stacks

T.124 Generic Conference Control

T.125 MCS Protocol Specifications

AUDIO STANDARDS SUPPORTED

G.711, G.722, G.728

SYSTEM CAPACITIES — UP TO

56/64/112/128 Kbps	64 Ports
336/384 Kbps (BONDING, H0, Multirate ISDN)	52 Ports
448/512 Kbps (BONDING, Multirate ISDN)	44 Ports
672/768 Kbps (BONDING, Multirate ISDN)	36 Ports
1008/1152 Kbps (Multirate ISDN)	24 Ports
1288/1472 Kbps (Multirate ISDN)	20 Ports
1344/1536 Kbps (Multirate ISDN)	20 Ports
1680/1920 Kbps (Multirate ISDN)	16 Ports
H.320 Ports per Conference	25
Integrated Audio Conferencing	32 Ports
Integrated Audio Ports per Conference	25
Continuous Presence Plus and/or *SpeedMatching* Conferences	8
Continuous Presence Plus/ *SpeedMatching* Ports per Conf.	25
T.120 MultiPoint Data Conferencing	24 Ports
T.120 MultiPoint Data Ports per Conf.	24
Direct Connect BRI Endpoints for Switching	36
Universal Conference Control (UCC)	24 Ports
UCC Ports per Conference	1
Active Conferences per MCU	24

CASCADING

MCUs Cascaded Per Conference (H.243)	25
H.320 Ports with Cascading (H.243)	600 Ports
H.320 Cascaded Conferences per bridge	24
Simple Cascading	600 Ports

NETWORK INTERFACES

• T1/ISDN PRI

• E1 (ETSI 300)

• V.35/RS449/EIA-530/RS366

RESERVATIONS

• Reservation and Management System (Optional)

• Built-in Conferencing System Scheduler

CABINET—PHYSICAL ATTRIBUTES

Single-Carrier *(Each)*

Height	20 in/51 cm
Width	27 in/69 cm
Depth	22 in/56 cm
Weight	125 lb/57 kg

POWER REQUIREMENTS

SINGLE-CARRIER CABINET

AC POWER

1 Cabinet System

120 Volts	50–60 Hz	15 Amps

Additional Cabinets

120 Volts	50–60 Hz	15 or 20 Amps

DC POWER (power source req. for each cabinet)

-48 Volts @ 25 Amps

HEAT DISSIPATION

SINGLE-CARRIER CABINET

1200 BTU/Hr	Avg. per cabinet

ENVIRONMENTAL CONDITIONS

SINGLE-CARRIER CABINETS

Temperature: 40°–120° F/ 4°–49° C

Relative Humidity:

10%–95% @ 40°–84° F/4°–29° C

10%–34% @ 84°–120° F/29°–49° C

Configuration Options