

## LifeSize Multipoint Extension delivers multiparty calling to your desktop



## Extend Your Multipoint Reach

A natural extension to the LifeSize® Multipoint™ conferencing solution, LifeSize® Multipoint Extension™ allows organizations to easily connect remote employees and external partners to your existing video network for voice, video and data collaboration - now in High definition.

LifeSize Multipoint Extension makes HD video communication accessible to any member of your organization. By using LifeSize Multipoint with Multipoint Extension, from a Mac or Windows-based computer, users can collaborate in a multi-party HD conference regardless of location. Whether it's a room conferencing system, an endpoint in a branch office or a teleworker's personal computer, everyone connects seamlessly.

Customer and partners can also be included by simply sending a web link to the Multipoint conference. LifeSize Multipoint Extension's built-in firewall traversal ensures call connectivity regardless of firewalls and NAT.

LifeSize Multipoint Extension also makes it easy to stream, record (now in 720p HD), archive and view previous Multipoint conferences. Live and archived content is easy to organize, manage and view providing a simple web-based interface.

### LifeSize Multipoint Extension Key Features

**High  
Definition  
Video**

720p decode,  
480p encode  
(720p lower frame rate)

**High Value  
Solution**

Stream, record  
and communicate in an  
all-in-one, web based  
solution

**Collaborate  
Effectively**

Communicate from a Mac  
or Windows desktop

**World Class  
Firewall Traversal**

Browse to the LifeSize  
Multipoint Extension  
server and communicate  
anywhere

**Common  
Experience**

Same core features such as  
continuous presence HD  
video and H.239 data

**Cost  
Effective**

No client software fees,  
complex installations or  
license provisioning

**Archive  
Communication**

Record, archive, and play-  
back any LifeSize Multi-  
point conference

**Highly  
Deployable**

State-of-the-art, freely  
distributable  
web client

# Product Specifications

# LifeSize® Multipoint Extension™

## Connectivity

Real-time audio, video, data and chat for all participants  
Data only connections with moderation capabilities, optional call back  
Streaming mode for non-interactive participants

## Capacity

Multipoint 230: Max 29 desktop participants  
Multipoint 230 with Enhanced Definition license key: Max 119 desktop participants  
Multipoint 24: Max 47 @384k or less, 23 @ greater than 384k\*  
Multipoint 12: Max 23 @384k or less, 11 @ greater than 384k\*

\*In HD Mode, Multipoint 24 has a max of 15, Multipoint 12 has a max of 1 desktop participant

## Data Collaboration

H.239 based data collaboration built into Windows client+  
Room-system-compatible data collaboration format (H.263+, H.264 HD)  
Annotations over H.239 channel  
Share the entire screen or specific applications  
Text chat with emoticons for desktop users  
+ Mac client only supports H.239 receive

## Recording and Playback (optional)

Records audio, video (up to 720p), data and annotations  
Auto posted for easy web access  
PIN protected for access security  
HTTP video download with offline playback

## Layout Selection

Automatic based on meeting context  
Personal layout with drag-and-drop, self-select video layout (Multipointing 230 only)  
Video or data focused  
Side-by-side video and data  
Full screen video or data

## User Controls

Mute/Un-mute  
Stop/Start video  
Turn on/off local self-view  
Choose your video layout (active speaker or continuous presence)  
Have the system call my voice or video number (callback)  
View consolidated conference roster (desktop and rooms)  
DTMF keypad  
Invite from Global Directories and Favorites

## Audio and Video Performance

Up to 480p30 encode  
720p encode at a lower frame rate  
GIPS echo cancellation  
Bidirectional SVC/FEC to Mult

## Moderator Controls

Lock Meeting  
Terminate meeting  
Invite any room system or phone (dial-out)  
Start/Stop streaming  
Mute, un-mute and disconnect any participant  
Request to speak/raise hand  
Central, integrated directory pushed from server to clients  
Enable lecture mode (Multipoint 230 only)

## Meeting Types

Un-moderated meetings – anyone can control meeting  
Moderated meetings - Moderator PIN required to control meeting  
**Built-in NAT and Firewall Traversal**  
Traverse local and remote firewalls to ensure connectivity  
Automatically handles local and remote NAT private networks  
Automatic detection of optimal media path (UDP, TCP or tunneled TCP)

## Built-in Streaming

Built-in streaming server supports 'watch only' participants  
Simultaneous streaming of audio, video and data  
Multicast or Unicast connection modes

## Security

SRTP encryption to ensure the privacy of media and signaling between LifeSize Multipoint Extension client and server  
Disable call back feature  
**Scheduling and Reservations**  
Microsoft® Outlook™ plug-in for easy meeting scheduling

## Client Computer Requirements

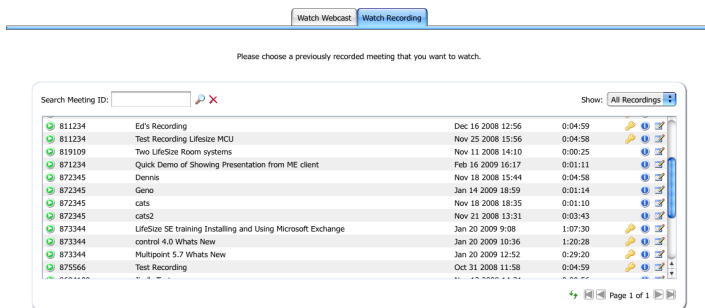
System Specifications: Greater than 2ghz CPU (2.6 Dual Core for 720p), 1GB Memory  
Operating System: Windows® XP™ (SP2 and higher 32/64 bit), Windows® Vista™ (SP2 and higher 32/64 bit), Windows® 7™, Mac® OS X 10.5 (Leopard) <sup>1</sup>  
Browsers: Internet Explorer® 6, 7, 8, Firefox® 2 (Windows only), Safari™ 3.1 <sup>1</sup>

<sup>1</sup> Intel-based CPU only, MAC client only supports H.239 receive

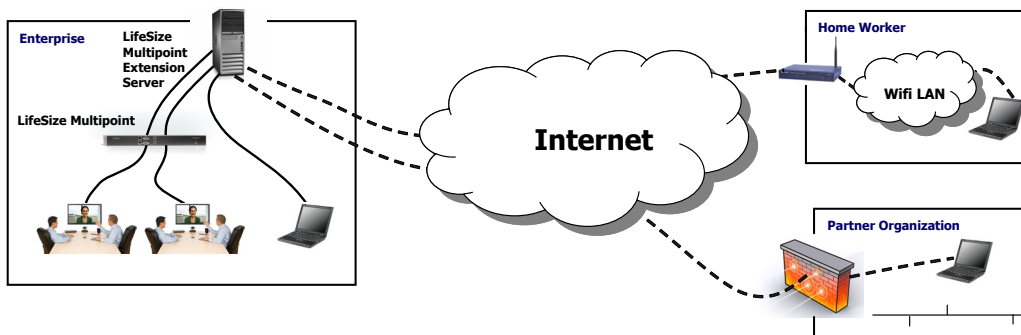
## Server Requirements

System Specifications: Quad Core, 2ghz, 2GB Memory, 250GB Hard drive  
Operating System: Windows® 2003, 2008

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## Sample Deployment



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