

# POLYMOTION CHAT

TRACK > FOLLOW > CAPTURE

BROADCAST

SUN	MON	TUES	WED	THU	FRI	SAT
82°	71°	80°	79°	80°	80°	82°
	66°	66°	64°	64°	65°	68°

SPORTS STUDIOS

NEWS

WEATHER

SMALL SCALE PRODUCTIONS

BROADCAST STUDIOS

CORPORATE AV

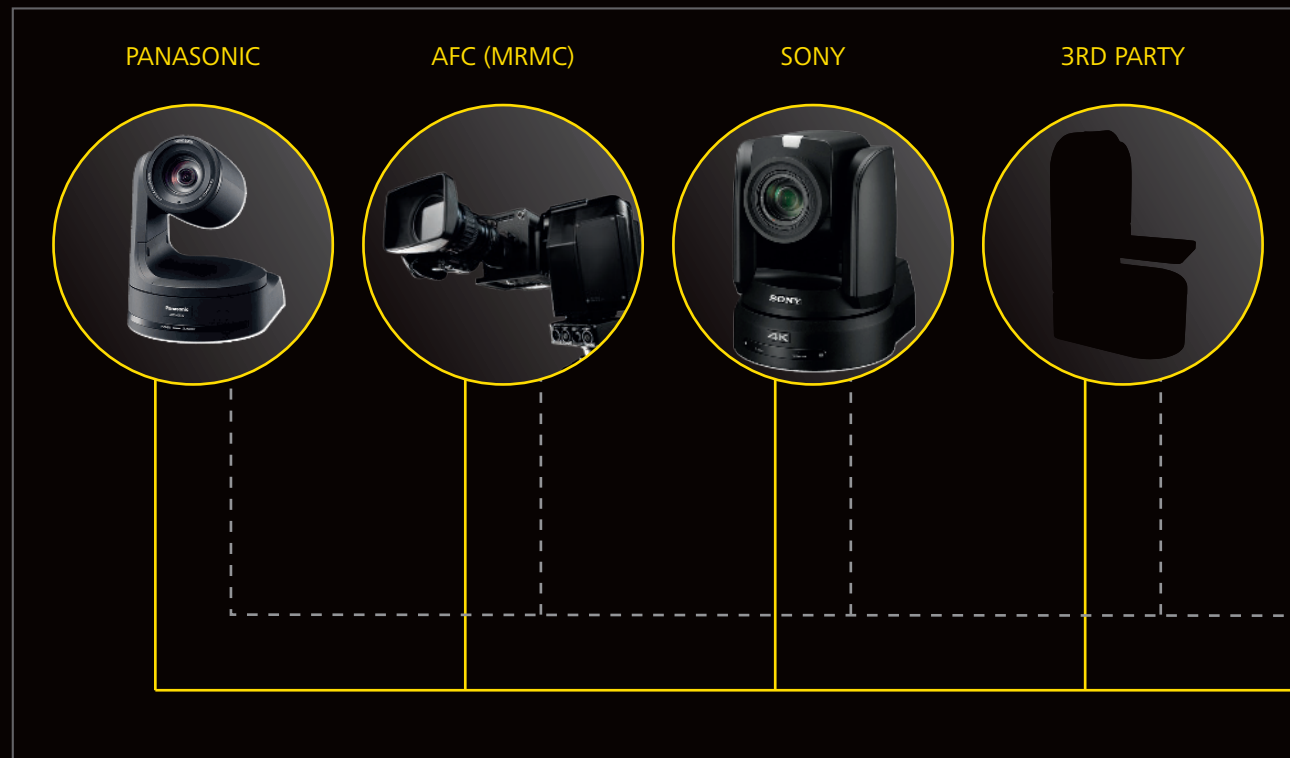
HOUSE OF WORSHIP

Polymotion Chat is the most advanced broadcast camera automation system available. The advanced AI engine detects face and limbs building a model of the subject and uses this to control and predict movement delivering high quality and natural camera motion. The easy to use interface allows the operator to create presets, define static zones (so the camera will only move when there is enough movement by the subject), create an offset to allow for graphics to be on screen with the talent, manage acceleration and deceleration so the movement remains natural even on very tight or wide shots.

## AUTOMATED CONTROL

The Polymotion Chat solution comes in either a 1U Polymotion Server (which supports up to 3 automated tracking heads) or a 2U Polymotion Server (which supports up to 6). Simply use your existing cameras, PTZs or one of MPMC's robotic heads and connect. One operator has full control of Polymotion Chat with the option of having a remote client solution.

### AUTOMATED HEADS



## MANUAL CONTROL

The interface has been designed to work with either a touchscreen, broadcast panel or a standard keyboard and mouse. Any of the camera heads can be switched from automated to manual at the touch of a button.

### MANUALLY CONTROLLED HEADS

(CAN BE SWITCHED TO AUTOMATED CONTROL IN THE CORRECT CONFIGURATION)



### TOUCHSCREEN CONTROL INTERFACE

(OPTIONAL REMOTE CLIENT)



SDI VIDEO

ETHERNET



NETWORK SWITCH



SERVER

### MRMC BROADCAST PANEL

(OR ANY OTHER 3RD PARTY BROADCAST PANEL)





## COMPATIBLE WITH ANY ROBOTIC PTZ

Polymotion Chat is an open system, it was designed to work with MRMC's own pan and tilt heads. Many customers already have their own PTZ solutions and we have developed the product to support these using industry standard protocols. We can use our controllers to control our heads and 3rd parties over IP making Polymotion chat a very flexible solution for many different environments.



## CHAT SYSTEM IN STUDIO

In studio setups Polymotion Chat can be used to be a fully automated solution tracking talent and controlling up to 6 cameras or it can be used in a hybrid mode where some cameras are automated and others are manually controlled allowing the best of both worlds. Using a combination of preset and the automated tracking of Polymotion Chat allows users to have professional camera movements often unachievable with manual operation whilst simultaneously saving operating costs and building redundancy.



## HOUSE OF WORSHIP

Production values in many houses of worship are now on the same level as many TV studios and the challenge of operating all the different camera feeds makes Polymotion Chat the ideal solution to get high quality shots with the minimum of camera staff. Operators can create their own presets and quickly recall shots or movements adding production value or they can use the fully automated tracking and focus on the other areas of the show.

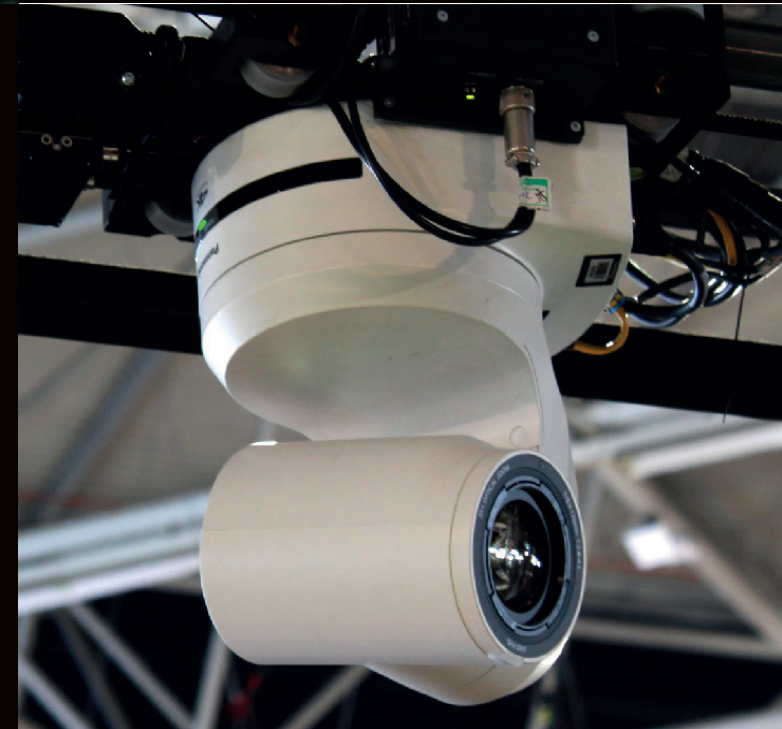


## LECTURE THEATRE

For traditional or lecture theatre applications or even concert venues and comedy clubs, Polymotion Chat offers an easy to use and powerful toolset to automatically track and capture content. User presets can be used for predetermined shots or movements or the system can be set to automatically track the different presenters and all the production team needs to do is to choose the shot they want to air.

## PTZ ENABLEMENT

PTZ cameras have dominated the Audiovisual space for some time now to capture extra camera angles in tight spaces and maintain budget efficiencies. Introducing camera motion and automated robotics into this workflow offers a different way to approach and manage growing productions. Integrating this technology isn't as complicated or expensive as one might think. Immediately, camera robotics help production teams expand interest while delivering practical benefits, particularly when integrating with PTZ cameras.





# COMPARISON CHART

FEATURES	PRO	STUDIO	BROADCAST
Maximum number of tracking cameras	3	6	6
Slow, gentle, smooth movements like a camera person	√	√	√
Support for 3rd party PTZ cameras	√	√	√
Real-time automated control	√	√	√
Optional hardware controller	√	√	√
Advanced tracking & framing, semi-automated & manual modes	X	√	√
Tracking and non-tracking presets	X	√	√
Facial recognition allowing for automated presets	X	√	√
Scene recognition	X	X	√
Advanced sequencing for pre-defined camera moves	X	X	√
Presenter profiles	X	X	√
Studio automation capable	X	X	√
Support for complex robotics (free roaming pedestals, robotic arms)	X	X	√