



Interacting with Others

Intro

Hi, Welcome to the iSee tutorial series.

In this tutorial, we will look at interacting with other people in iSee.

Interacting in 3D

Being with others in iSee is a lot like real life where you can move around to explore and talk to whoever you want to.

Other people take the form of a mobile video tile that shows you their video feed and gives you an idea of which direction they are facing, and what they can see.

There is also spatial audio in the environment. So, when you move closer or further away from someone, their audio will be louder or quieter respectively. If you move far enough away, you won't hear them at all.

This also gives their audio direction. If you spin around, or they move around you, their audio will change direction as well. This is best experienced with a headset.

If you want to have a conversation with someone, use your mouse or keyboard controls to move up to them and just start talking. Invite them to move away from others with you if you would like a more private conversation when there are lots of people in the space.

Other Audio Modes

There are some situations where spatial audio is not ideal, for instance an announcement or presentation. These situations require that everyone in the zone or even session can hear you clearly, no matter where they are.

For these occasions we have Megaphone and Broadcast modes.

Megaphone mode sets your audio to be heard by everyone in the current zone, without being affected by distance or direction.



You can toggle between megaphone and spatial mode from the button in the bottom centre of the window.

Broadcast mode is similar to megaphone mode, except that people can hear you across all zones in the session. This is useful if people have split up and visited different zones and you wish to make an announcement.

You can switch to broadcast mode, and either of the other two modes, in the microphone dropdown menu in the top left of the window.

Muting, Push to Talk and Video Pause

If you wish to mute yourself, you can do so by pressing the microphone button at the bottom centre of the window. This button will then toggle to red when you are muted.

You also have the option of push to talk mode, located to the left of the microphone button. Push to talk mode makes it easier to keep your microphone muted when you aren't talking during conversations.

Simply activate Push to talk mode and then just hold the microphone button with your mouse, or hold down the "T" key whenever you want to talk. Again, the colour of the microphone button will represent whether you are muted or not.

Push to talk is useful if you have unavoidable background noise, or are producing an echo for other users.

You can also find these controls, and more, in the top left of the window. Here you have the pause camera button, which will pause your camera for everyone else.

The Mute speaker's button, which will mute all other users in the session just for you, and another mute button.

These buttons all have extra controls and settings in their dropdown menus.

Remote avatar control panel

There are also ways you can control the audio and video of other people.

First, if you hover over their avatar, you will see a control panel appear. This panel allows you to:



- Mute them, which stops you receiving their audio
- Pause their video, which stops you receiving their video
- And “Tap on Shoulder”, which sends them an audio and text notification to get their attention.

You can also mute audio and tap on shoulder in the User’s panel.

The user’s panel (Basic)

The user’s panel contains a list of all the users that are currently in the session, their display name, iSee username, and the current zone they are in. It also shows whether you have muted them, if they have paused their video, and status and mode of their microphone.

If you can’t find the user in the list, you can search for them in the search bar at the top. Not only will this find them in the list, it will also make the whole iSee environment turn black and white, except for the users that show up in the search result, which is useful if you want to find their avatar in a crowd.

Each user in the list has a drop-down menu which contains controls specific to that user, as well as a panel at the top with controls for multiple users. Note that you may have less options than this depending on your session permissions.

We will cover most of these in the “Advanced controls for session hosts” but for now just note that you can also mute someone’s audio from here too.

Chat panel

In the chat panel, you will be able to send and receive chat messages from all other users in the whole session. You can also share links in the chat which you and other users can click on to open to that page in an external browser.

Note that chat also supports multiple different languages. For a full list of supported languages, follow the link to the technical document in the description.

Laser pointer, Raise Hand and Teleport

If you are in a large group and you have a question, you can “Raise your Hand” by pressing this button here. This will send out a notification to allocated users that you have a question, it will also put a hand icon above your avatar.



The laser pointer is useful if you want to point to something in the environment in a way that other users can see. You can toggle the laser pointer either by pressing the button at the top of the window, or pressing the “L” key on your keyboard.

In a previous tutorial we covered how to teleport to different locations, but you can also teleport to another person. To do this, select the person you wish to teleport to from this dropdown list and you will be instantly teleported to them. If they are in a different zone to you then you may encounter a loading screen while that zone loads.

Outro

This Concludes the “Interacting with others” Tutorial. In the next tutorial, “Smart Boards, iSee Drive & Sharing Files” we will cover how to create and interact with smart boards, the iSee Drive, and how to share files.