# Recording Options

### Option 1 - Automatic Upload to Box (this is my understanding of the initial concept)

* User presses record button on pi
* User presses stop record button on pi
* File is stored to QSC Core with a date and time stamp
* File is uploaded to box (likely 10-30 seconds)
* File is verified to be on box and then deleted from the core automatically
* User accesses shared box location (likely a shared folder of the room name)
  + Will need to work with CSR and Box admin for setup.
* User uses computer to play back file from box
* Recordings are auto deleted from Box storage on a schedule (weekly?)
  + Deleting files keeps the shared space clean and limits access to old recordings
  + Files may be copied/moved out of the shared space for long term archival

## Option 2 - Manual upload to Box (wanted to mention this concept incase it might simplify the user experience)

* Record/Playback Local
  + User presses record button on pi
  + User presses stop record button on pi
  + File is stored to QSC Core with a date and time stamp
  + User can play back recording(s) stored on the QSC core immediately
  + Recordings are automatically removed from the QSC Core on a schedule (daily?)
* Upload to Box (user determined)
  + User can press an “upload” button to copy the file of the recording to a shared Box folder
  + File is uploaded to box (likely 10-30 seconds)
  + User accesses shared box location (likely a shared folder of the room name)
    - Will need to work with CSR and Box admin for setup.
  + User uses computer to play back file from box
  + Recordings are auto deleted from Box storage on a schedule (weekly?)
    - Deleting files keeps the shared space clean and limits access to old recordings
    - Files may be copied/moved out of the shared space for long term archival

### Option 3 - Hybrid

* We could do a hybrid of the above where the file was stored locally on the core for consumption immediately via the touch panel AND automate uploading to Box.

Items needing further investigation

* Is user access token access to Box allowed at BYU?
  + <https://developer.box.com/guides/authentication/jwt/user-access-tokens/>
  + If not, we will need to employ a middleware solution on a pi/server to upload to Box