



Bandwidth Considerations for VSaaS

Primary Factors to Keep in Mind for Your Projects

- Camera Bitrates multiplied by expected “Duty Cycle” will determine dedicated upload speed requirements
- Bitrate is the speed at which data (bits) is transferred over a network
- Duty Cycle is the percentage of motion activity based High Resolution Video recorded in a 24 hour period
- Camera Settings will determine the required Bitrate for Video Stream Quality
- Scene Complexity and Dynamic Activity will determine the expected Duty Cycle
- Utilize Motion Masking and Sensitivity Settings to optimize Scene Duty Cycle impact

Camera Bitrate X Expected Duty Cycle = Minimum Dedicated Upload Bandwidth
1000kbps X 50% = 500 kbps MDUB