

## Video Length

**Making video smaller so users can watch it with lower bandwidth**

The user's may want to have the video viewing time to be shorter which would use less bandwidth to watch.

Videos seperated into different parts which can use smaller amounts of bandwidth.

## Video/Audio Quality

Using a lower video quality will help users use less bandwidth when watching video content especially the news

**Users can use audio instead of video files which will take up less bandwidth.**

Users can watch short clips without the audio and are supported with captions which can be used by lower bandwidth.

**Podcast**

**Radio**

**Smart TV**

**Computer Processors**

Users may want to update their sftware or program they are using to view the news.

**Bluetooth Speakers**

## Internet Connectivity

Users will want to have stronger internet connections when using the internet on their devices.

**Users who live densely populated area won't have to worry about bandwidth because bandwidth is high in urban areas**

Users who use older electronic devices may need a boost in their internet connectivity.

**Routers**

**Internet Service Providers**

Users may need to move better area which has more efficient reception and larger amounts of bandwidth.

**Improving Satelites**

## Watch later news / saving

Users may want to save their videos to other devices to watch at a later time in the day using less internet bandwidth.

Users may want to have shorter download speeds which uses's less internet bandwidth.

Users may want a faster and efficient way to transfer videos and other content such as news articles using lower bandwidth.

Users can share videos, audio clips, and articles with other people using lower bandwidth.

**Users may want to view videos, and articles at a lower bandwidth.**

**Users may want to listen to auido clips of the news at a lower bandwidth.**

Users may want to use lower bandwidth while using streaming services.

## Video Categories

**Viral news sensational; videos can be viewed in any part of the world that have lower bandwidth.**

**Time-sensitive videos relating to school or work require a higher bandwidth.**

**Videos based on their categories on a streaming service may require more bandwidth to view than other videos**

## Downloading Files/Data

**Users need a reliable bandwidth in order to receive important files on time.**

**Users will want the ability to download smaller files in order to counteract sub-par bandwidth speeds**

**Users may want to have faster downloading speeds on a lower bandwidth.**

**Users may want to download podcasts at a lower bandwidth**

**Reducing the amount of data usage to increase bandwidth.**

**Users may want to only use certain amount of their data under a lower bandwidth.**

## Electronic Devices

**Users who own older devices will have to use a higher amount of bandwidth compared to newer devices.**

**The type of device (phone, PC, laptop) affects bandwidth speeds.**

**Users may want electronic which are new versions, but use a smaller amount of bandwidth.**

**Increasing the bandwidth for users who can't afford better electronic devices.**

**Users may find it beneficial for having access to reducing their bandwidth on their electronic devices when they find it necessary.**