







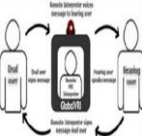







## Communications Access Options For Individuals Who Are Deaf, Hard of Hearing or Have Speech Difficulties

<p>CapTel</p>		<p>Captioned Telephone (CapTel) phone users can listen to the caller, and can also read the written captions in the CapTel's bright display window.</p>	<p>Closed Captioning</p>		<p>Closed captioning is the process of displaying text on a television, video screen or other visual display to provide additional or interpretive information to individuals who wish to access it.</p>
<p>Comm. Boards</p>		<p>Communication boards are a cost-effective aid for emergency communication with people who are Deaf, Hard of Hearing or have speech difficulties. They also assist people with complex communication needs.</p>	<p>Sign Language Interpreters</p>		<p>American Sign Language (ASL) Interpreters provide complete &amp; precise communications between Deaf, hard of hearing and hearing individuals. ASL is the communication method of choice for someone who uses ASL as their primary language.</p>
<p>Pen, Pencil &amp; Paper</p>		<p>Short emergency messages can be written out. However, many people who use American Sign Language do not read English well and have very low understanding.</p>	<p>Pre-recorded Messages Information on ASL</p>		<p>Some websites provide pre-recorded emergency preparedness messages in alternative formats, including American Sign Language, Braille and various languages.</p>
<p>NOAA Weather Radio with Accessories</p>		<p>Weather Radio with a strobe light or pillow vibrator and accessories that alerts individuals who are deaf or hard of hearing about impending dangerous weather.</p>	<p>Comm. Card</p>		<p>Communications Cards for individuals who are Deaf or hard of hearing may be used in case of emergencies with Police, Hospitals, Hotels, and Transportation providers.</p>
<p>Video Remote Interpreting</p>		<p>Video Remote Interpreting (VRI) uses video or web cameras and telephone lines to provide sign language interpreting services, for individuals who are deaf, HH through an offsite interpreter.</p>	<p>Video Phone</p>		<p>A videophone is a telephone with a video screen, and is capable of full duplex (bi-directional) video and audio transmissions for communication between people in real-time.</p>
<p>TTY Teletypewriter  TDD Telecomm. Device for the Deaf</p>		<p>A telecommunications device for individuals who are deaf (TDD) is a teleprinter, an electronic device for text communication over a telephone line that is specialized for use for individuals with hearing or speech difficulties. This is being replaced with more modern tech.</p>	<p>Video Relay Service</p>		<p>Video Relay Service (VRS) is a form of Telecommunications Relay Service (TRS) that enables persons who are deaf or hard of hearing who use American Sign Language (ASL) to communicate with voice telephone users through video equipment, rather than through typed text.</p>

## Helpful Communication Apps.....

<p><b>Google Live Transcribe &amp; Sound Notifications:</b> free, Android</p>		<p>It's an app that makes everyday conversations and surrounding sounds more accessible among people who are deaf and hard of hearing, using just your Android phone. This app provides you free, real-time transcriptions of your conversations and sends notifications based on your surrounding sounds at home. On most phones, you can directly access Live Transcribe &amp; Sound Notifications device's Settings app.</p>	<p><b>AVA:</b> free, Android Apple iOS</p>		<p>Lip reading can be harder in a group of people and this is one of the main reasons AVA was created. If a person who is deaf or who has hearing loss is with a group of friends, they can get those friends to connect to the app - then the person(s) who has hearing loss will see live transcriptions of the group conversation. The speech is picked up using the phone's microphone and on screen the name of the person talking is displayed in front of what that person says.</p>
<p><b>Google Translate:</b> free</p>		<p>A multilingual neural machine translation service developed by Google to translate text, documents and websites from one language to another. It offers a website interface, a mobile app for android and iOS, and an API that helps developers build browser extensions and software applications.</p>	<p><b>Sign 4 Me:</b> \$4.99, Android/ \$9.99 Apple iOS</p>		<p>Type in words or phrases or the alphabet and a 3D human avatar will demonstrate how to sign it. The 3D character can be zoomed in or out and rotated to give you the best vantage point for every sign. The library includes more than 13,000 words. Type in sentences, phrases, words and even the alphabet.</p>
<p><b>ASL Translator:</b> \$4.99 Android/\$4.99 Apple iOS</p>		<p>There are two parts to this app.: 1.TEXT-TO-SIGN GENERATOR (SIGNED ENGLISH) 2. ASL PHRASES (ASL) Type a sentence or cut and paste text into the text box and see the video translation in real time. (up to 50 words at a time). Translates over 30,000 words into Sign Language Video (Text-to-Sign) ASL Signs are in English word order. However, it is not "Signed Exact English."</p>	<p><b>ASL Dictionary:</b> \$7.99 Android/\$4.99 Apple iOS</p>		<p>Over 5,000 Words translated to ASL Video. Includes Quiz, favorites, search, categories, and history of played word features</p>