

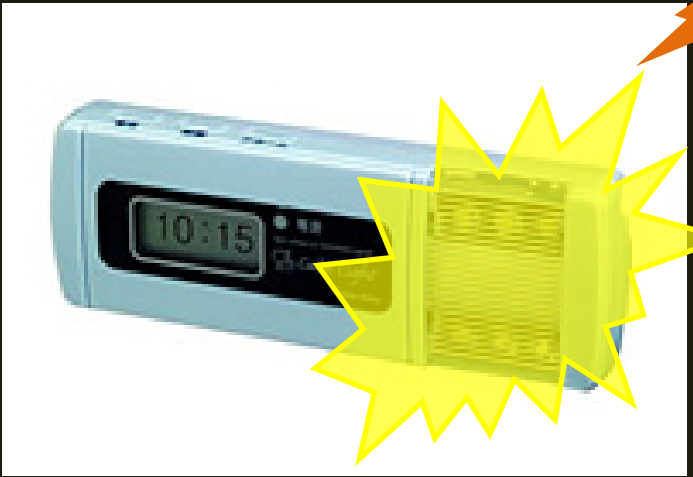
How to send emergency warning to Deaf and Hard-of-Hearing Persons ?



Emergency Seismic Alert Terminal

Wristwatch-type vibrating terminal

Portable light-emitting warning device



How to Communicate with Deaf and Hard-of-Hearing Persons ?

scribble board

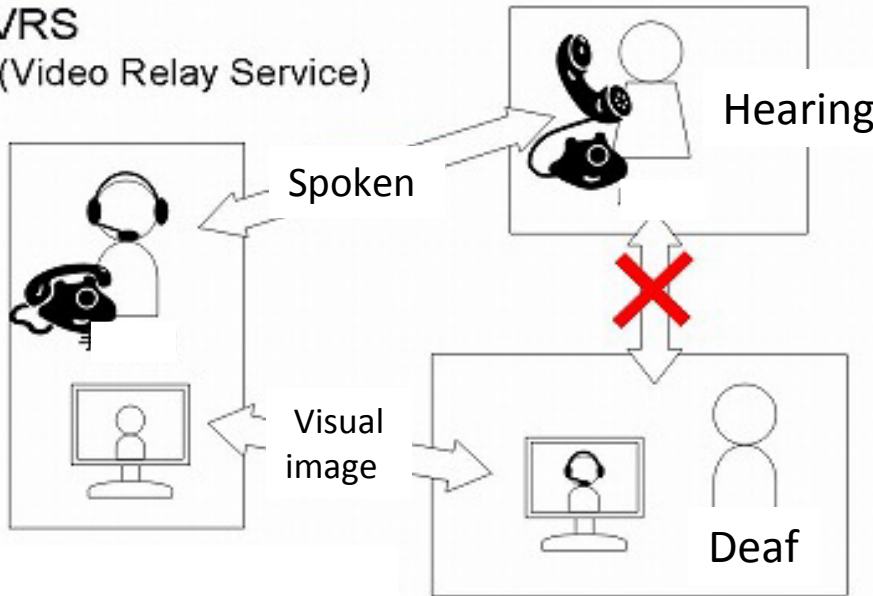


email(Smartphone)



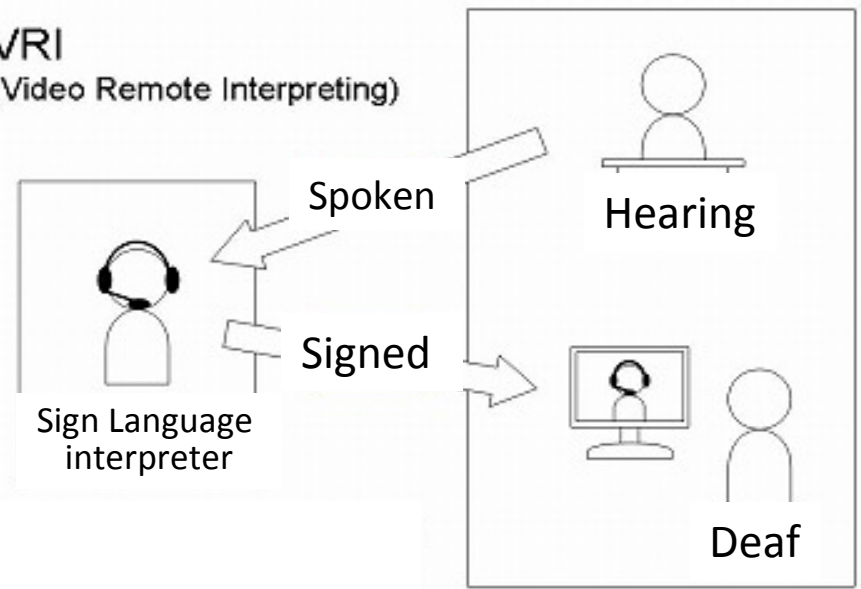
Video Relay Services / Video Remote Interpreting

VRS
(Video Relay Service)



e.g. A hearing speaker and Deaf signer can use the telephone to communicate.

VRI
(Video Remote Interpreting)



e.g. A university lecture can be interpreted by an interpreter stationed remotely

Supporting Deaf and Hard-of-hearing Persons in Disasters and Emergencies

- Alarms and warning messages by sound/voice **will not reach** the deaf nor the hard-of-hearing.
- Hearing aids and cochlear implants **cannot discern** spoken message amidst confusion and clamour.
- Emergency **warnings by text, light, vibrations** are needed to reach the deaf and hard-of-hearing.
- **Human support** to change audio messages into writing or gestures is an immense help.
- This information needs to be disseminated to all by television, radio, internet !

Death Rate of Persons with Disabilities in the Great East Japan Earthquake

All citizens 1.03%

Persons with physical disabilities 2.30%

HAVE YOU NOT FORGOTTEN PERSONS with DISABILITIES
in your disaster preparedness, disaster relief and restoration plans?

Side Events

Wednesday 22 May 13:00 to 13:55 Room 7+8

Disability inclusiveness:

Widening the participation of persons with disabilities
in the post-2015 framework for Disaster Risk Reduction