



VISORA: The World's First Truly Inclusive AI Video Communication Platform

Communication Without Barriers.

The Problem: An Unspoken Divide

ASL Dependence

Millions worldwide rely on American Sign Language for daily communication, yet mainstream video communication tools largely overlook their needs.

Accessibility Gap

Current video conferencing apps fail to integrate essential accessibility features, creating significant barriers for deaf and speech-impaired individuals.

Real-time Exclusion

Deaf users struggle to follow spoken conversations in meetings, and speech-impaired individuals cannot express themselves effectively in real-time, leading to exclusion.

Fragmented Solutions

There is no universal, integrated platform that seamlessly supports mixed user groups—where deaf, speech-impaired, and hearing individuals can communicate effortlessly.



Why It Matters: Bridging the Communication Chasm



Global Impact

Over 430 million people globally experience disabling hearing loss, with more than 70 million relying on sign language as their primary means of communication.

Systemic Inequality

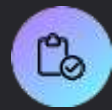
This communication inequality creates profound obstacles in accessing education, securing employment, and receiving essential healthcare services.

The Digital Imperative

In our increasingly digital world, it is crucial that platforms are designed to be truly inclusive, ensuring that every individual can participate fully and equally.

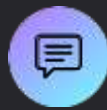
Introducing VISORA: Seamless Communication for All

VISORA is an all-encompassing communication platform designed to empower every individual. It removes barriers, fostering connection and understanding.



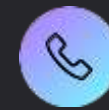
ASL Users

Real-time ASL translation for fluid conversations.



Speech-Impaired

Voice output for effortless expression.



Hearing-Impaired

Visual cues and enhanced audio support.



Everyday Users

A familiar, intuitive interface for all interactions.



Visually Challenged

Voice navigation and high-contrast modes for accessibility.

One unified experience. Zero communication gap.

VISORA's Core Innovations & Unique Differentiators

Key Features

- ASL → Text → Speech
Real-time detection of American Sign Language gestures, translating them instantly into text and spoken words for seamless two-way communication.
- Speech → Text → ASL Avatar
Spoken voice is transformed into live subtitles and an animated ASL avatar, providing visual interpretation for deaf and hard-of-hearing participants.
- Clean UI + Accessibility
Intuitive design with high-contrast modes, larger controls, and comprehensive voice navigation, ensuring usability for all.
- Noise Cancellation AI
Advanced AI-powered noise cancellation guarantees perfect audio clarity, even in noisy or mixed-environment settings.

What Makes VISORA Unique

- Two-Way ASL-Speech Translation
Our platform offers real-time, bidirectional translation, a groundbreaking feature that sets us apart from any existing solution.
- Complete Communication Equality
More than just accessibility, VISORA ensures that every user experiences true equality in communication, regardless of their abilities.
- Universal User Support
A single integrated space accommodating blind, deaf, and hearing users, fostering a truly inclusive communication environment.
- Scalable Global Design
Initially designed for the diverse linguistic landscape of India, VISORA is built with scalability for global adoption in mind.
- Integrated, Not an Add-on
VISORA is the first fully inclusive solution—a core platform, not a mere plugin or an afterthought.

Transformative Use Cases: Connecting Every Aspect of Life



Education

Deaf students can seamlessly participate in online classes, engaging with lectures and discussions without barriers.



Hospitals

ASL-speaking patients can clearly communicate their symptoms and needs to medical professionals, ensuring accurate care.



Corporate

Mixed teams, including deaf and hearing colleagues, can collaborate effortlessly, fostering a truly inclusive and productive workplace.



Government Services

Individuals can access vital government services independently, eliminating the need for a separate interpreter.



Family & Social Calls

Families and friends can stay connected and communicate authentically, ensuring everyone is part of the conversation.

Future Vision: Pioneering the Next Wave of Inclusive Communication

VISORA's journey doesn't end here. We're committed to continuous innovation, expanding our capabilities to serve an even wider global community.



Global Sign Language Support

Expand support to include Indian Sign Language (ISL), British Sign Language (BSL), and numerous other sign languages worldwide.



Offline ASL Detection

Develop offline capabilities for ASL detection, ensuring accessibility and communication continuity even in rural areas with limited connectivity.



AR/VR Accessible Communication

Integrate with augmented reality (AR) and virtual reality (VR) platforms to create immersive, accessible communication experiences.



Emotion-Aware Avatars

Enhance ASL avatars with emotion recognition, allowing for more nuanced and expressive communication.



Haptic Feedback for Blind Users

Introduce haptic feedback mechanisms to provide tactile cues and information for visually challenged users, enriching their experience.

VISORA

Technology that unites
everyone.

Thank you.

