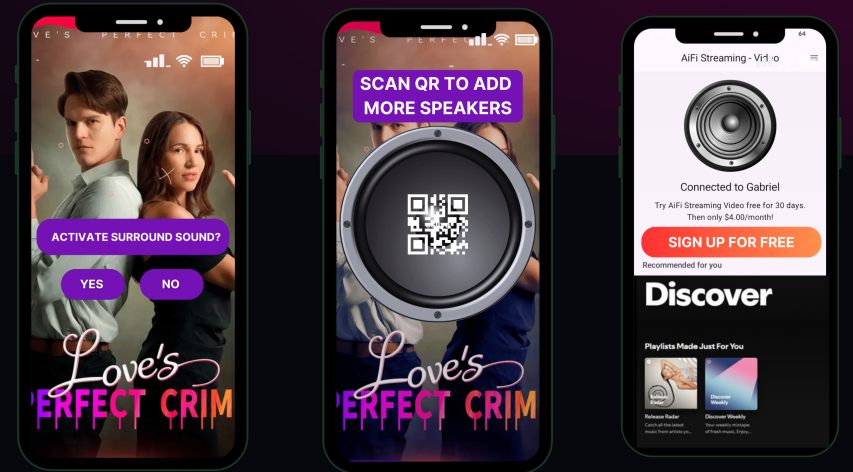


AiFi by Sound Dimension with TVU MediaMesh®

Shared, immersive sound for streaming and broadcast audiences. Turn every screen into a surround-sound experience, with no additional hardware.



BETTER SOUND AT SCALE

Live video has never looked better, but the sound still comes from one small speaker, and people watch alone. Passive, solo viewing is the easiest thing to walk away from, and that is where churn begins.

AiFi by Sound Dimension solves this with TVU MediaMesh. AiFi is a software-only SDK that syncs the phones, tablets and speakers already in the room into one surround-sound system, in perfect sync. A feed delivered through TVU MediaMesh works with AiFi as-is, so broadcasters and streamers can give any audience a shared, immersive audio experience without new hardware.

The result: one stream becomes a multi-screen session. Viewers stay longer, invite friends to join the sound, and engagement and ad value multiply.

SOLUTION OVERVIEW

AI Fi

Patented, software-only audio synchronisation. AiFi turns the devices an audience already owns into one immersive surround-sound system. iOS and Android SDK, sub-millisecond sync, 6+ granted patents.

TVU MediaMesh®

Cloud-native shared memory for live video. MediaMesh moves any feed to any destination while preserving the stream's standard HLS timing, so it arrives ready for device synchronisation.

Together, AiFi and TVU MediaMesh add shared surround sound to live and on-demand content, delivered through the cloud to the viewer's own devices.

Watch Together

Accessibility

Scene Commerce

Solo / Multiview

Surround Sound

Sub-ms Sync

iOS + Android SDK

HLS / DASH

HOW IT WORKS

1

Ingest via MediaMesh

Live feeds are ingested into TVU MediaMesh, keeping the stream's standard HLS time markers intact.

2

Audio sync layer

AiFi takes the stream's audio as a source and prepares a synchronised, surround-ready signal.

3

Cloud delivery

TVU MediaMesh delivers the stream, with its standard HLS timing intact, to the platform's app and every destination.

4

Devices join the sound

In the viewer's app, nearby phones, tablets and speakers lock into one surround-sound system. Sub-millisecond sync, no extra hardware.

AT A GLANCE

- Software only, no extra hardware
- Sub-millisecond synchronisation
- iOS and Android SDK
- Uses devices people already own
- Shared surround sound from any stream
- Delivered via TVU MediaMesh
- 6+ granted patents
- Higher retention, lower churn
- One stream, many engaged users
- Revenue share, only on the new users AiFi brings

JOINT HIGHLIGHTS

Immersive shared sound

One screen, every phone in the room, one synchronised surround-sound system.

Standard, ready to sync

TVU MediaMesh keeps the stream's standard HLS timing intact, so it arrives ready for device sync.

No new hardware

All software, using the devices the audience already carries.

CONTACT

TVU Networks

info@tvunetworks.com
www.tvunetworks.com

Sound Dimension (AiFi)

hello@sounddimension.se
www.sounddimension.se



OUR CORE PRODUCT

THE CORE PRODUCT

AiFi WATCH TOGETHER

Watching becomes an event again.

One screen and the phones around it lock into a single shared surround-sound system. People who watch together stay longer and build a stronger bond with the platform. This is the heart of AiFi, and everything else is built on it.

Best for: subscription and D2C streaming where retention is everything.

THE GROWTH ENGINE

Every invite to "join the sound" pulls in another person. Friends bring friends, a viewer becomes a small group, and the audience grows from the inside, turning word-of-mouth into a measurable channel that lowers the cost of reaching new subscribers.

MORE WAYS TO USE IT

AiFi Accessibility

Clear Voice + Lingo.

Clear Voice puts a dialogue-forward track on one viewer's phone, at their own volume, for hearing loss or dialogue lost under the mix. Lingo lets each person hear the same content in their own language. Personal audio, with no compromise for the rest of the room.

Best for: platforms meeting accessibility requirements, and multilingual audiences.

AiFi Scene Commerce

A second screen at the perfect moment.

Each synced phone is session-aware, so you can put a scene-aware offer in the viewer's hand at the exact moment they're most engaged. A new, measurable inventory tier with no extra ad load.

Best for: AVOD and FAST services that want a new, measurable ad surface.

AiFi Solo

Your screen, your audio.

Pick which feed you hear on your own phone, even in a multiview of several games at once. Or pull the sound off any silent screen: a muted TV in an airport, a gym, or a hotel room where one person watches while another sleeps.

Best for: sports and multiview, each viewer picks the feed they hear.

WHY IT MATTERS

Retention that compounds

Shared viewing keeps users in the session longer; partners see up to 2× average session length.

Acquisition that pays for itself

Each shared session brings in viewers the platform didn't pay to acquire, pulling blended acquisition cost down as AiFi usage grows.

A new revenue surface

Scene Commerce turns synced phones into a premium, measurable inventory tier with no extra ad load.

Zero disruption

Software only, delivered via TVU MediaMesh, with no new hardware and no change to the workflow.

ARCHITECTURE OVERVIEW

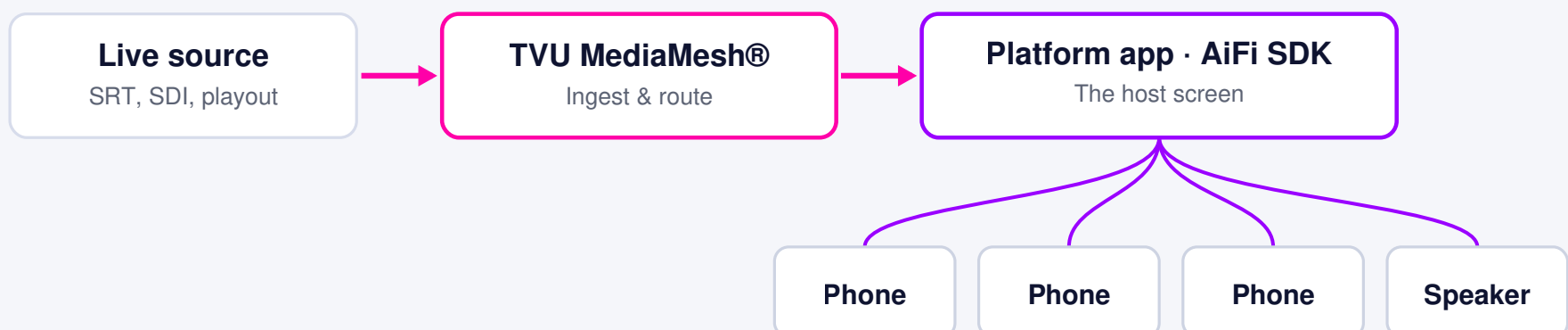


Fig. 1: AiFi by Sound Dimension + TVU MediaMesh. The live feed is ingested and routed through TVU MediaMesh and delivered to the platform's app; AiFi then syncs the phones and speakers in the room into one surround-sound system, in real time.