MEDSIGN ECHO0

Deaf-accessible care, without the wait

Bidirectional DGS ↔ German communication for medical appointments. A pilot program for clinics in Berlin & Germany.



THE PROBLEM

Your Deaf patients wait weeks — or never book at all



200k+

DGS users in Germany

~750

qualified interpreters nationwide

€93/hr

legally reimbursed interpreter rate (JVEG)

1. **Delayed Care:** Urgent appointments get pushed back by weeks waiting for a human interpreter
2. **Friction & Risk:** Miscommunication leads to clinical risk, patient avoidance, and high administrative friction
3. **The Paradox:** The funding exists (€93/hr via vdek-BGSD), but the human supply does not.

THE SOLUTION

One system. Both directions. Working from day one.

Patient → Doctor

Camera captures DGS → signs are recognized → clinician reads clean German text in real time.



Doctor → Patient

Speech recognition with medical vocabulary → instant captions the patient reads on screen or glasses.

How we get there safely

NOW

Interpreter-on-demand

Qualified human interpreters via video — bookable on short notice, medical-context ready.

NEXT

Hybrid AI + human

AI captions for routine segments, human fallback for complex or sensitive moments.

LATER

Full AI translation

Real-time bidirectional DGS ↔ German with optional human fallback.

GDPR-compliant · privacy-by-design · built natively for DGS, not adapted from ASL

VALUE FOR YOUR CLINIC

Four ways this pays off for your practice

New, loyal, recurring patients

200k+ DGS users are underserved today. The Deaf community is tight-knit — one accessible clinic becomes the clinic by word of mouth, with recurring visits year after year.

Scheduling freedom

See Deaf patients when medically indicated — not weeks later when an interpreter is free. Covers urgent and unplanned visits no interpreter can reach today.

Fewer failed visits, better medicine

Clear communication means better anamnesis, cleaner informed consent, fewer no-shows and fewer repeat appointments caused by misunderstanding.

Visible accessibility

Position your clinic as Deaf-friendly — promoted with Deaf associations and community channels, and aligned with §6 BGG accessibility expectations.

WHAT IT COSTS YOU

Nothing. Here’s why that’s sustainable.



The pilot: €0 for your clinic

Setup, hardware, training and support are covered by us and our grant funding. Your team’s time investment: one 30-minute interview.



Today: the budget already exists

Sign language interpretation in care is a legally funded benefit — €93/hr under JVEG, contracted via the vdek–BGSD framework (2023).



Tomorrow: insurers take over

We are building the case for insurers to reimburse digital interpretation the way they reimburse human interpretation. Your pilot data is that case.

We’re digitizing a legally funded, supply-constrained service — not asking your clinic to create a new budget.

THE PILOT

What we’re asking — and what you get

We ask for

1. **A non-binding Letter of Intent**
   One page. No cost, no obligation — a signal of interest that unlocks our conversations with insurers and funders.

2. **A 30-minute workflow interview**
   How Deaf patients move through your practice today — booking, anamnesis, consent.

You get

- Free early access — interpreter-on-demand and every AI release, at no cost through the pilot
- First-mover visibility as a listed Deaf-accessible partner clinic
- Direct influence on how the product fits your workflow

Timeline: Now — LOIs & interviews → Q4 2026 — clinic pilots → 2027 — rollout with insurers

THE TEAM

Our team



Ivan Pavliuchenko | CEO

10+ yrs spatial tech & marketing
Meta, Sony, Snap, L'Oréal
Top-100 AR creators (Meta)



Daniil Morozov | CTO

M.Sc. Biomedical Engineering
Top AI/CV engineer
Hardware & robotics expertise

ADVISOR

Anton Kulaga

Research Scientist, Universitätsmedizin Rostock



ADVISOR

Stoyan Halkaliev

CEO, NursIT Institute GmbH



MEDSIGN ECHO0

Let’s more your clinic more accessible for 200,000 patients.

echo0app.com