

SOUNDSCAPE

Personalized Audio Companionship
for People Living with Dementia

The right voice. The right music. The right moment.



THE SCALE OF THE PROBLEM

55M+

People living with
dementia worldwide

139M

Projected by 2050 —
a 150% increase

70%

Of care hours involve
behavioural episodes

Care is chronically under-resourced. Personalization at scale has been impossible — until now.

WHAT SOUNDSCAPE DOES



DELIVERS

Personalized music, family voices,
and familiar soundscapes



DETECTS

Real-time voice & biometric
monitoring — calibrated to this person



RESPONDS

Clinically informed interventions
for confusion, agitation, distress



CONNECTS

GPS, caregiver alerts, and optional
human call-centre escalation

IT LEARNS. IT ADAPTS. IT KNOWS THIS PERSON.

01

Population Foundation

Validated dementia assessment frameworks (GDS, FAST, CDR) — everything clinical research already knows.

02

Personal Profile

Life history, music, family voices, known triggers — contributed by family, caregivers, and clinicians.

03

Real-Time Adaptation

Detects this individual's unique behavioral signatures and responds. Gets more precise every day.

WHO THIS IS FOR



Memory Care Facilities

Continuous support between care interactions. Reduces behavioural escalations. Scales across all residents.



Families Caring at Home

Peace of mind. Family voices and memories present even when family can't be. Real-time alerts.



Healthcare Systems

Reduces acute intervention costs. Generates a rich behavioural data record for clinical teams.

THE TECHNOLOGY IS READY. WE ARE BUILDING IT NOW.

What exists today

- Smart hearing aids with Bluetooth + touch controls
- AI voice analysis — production ready
- Validated dementia care protocols
- The clinical intelligence to make it work

What we're building toward

- Technical co-founder (AI / audio systems)
- Pilot memory care facility partners
- Seed investment: \$250–500K CAD
- Phase 1 validated within 18 months