AlzhAI

Deep Learning Solutions for Early Diagnosis of Alzheimer's Disease

AlzhAI Website

Introduction

Global Shortcomings in Tackling Dementia

+10M Global New Cases / Year

Rapid Cognitive Decline

Ineffective Traditional Methods

Problem

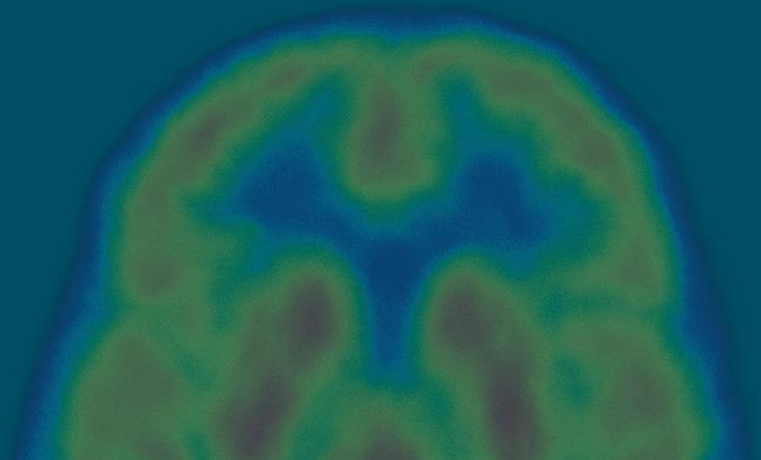
41 out of 55 million people living with dementia **remain undiagnosed** (75%).

- Low awareness & Stigma.
- Primary-care screening is limited in early detection.
- Many cases are never diagnosed or only identified late — therapeutic window and prevention opportunities lost.

Source: ADI, Cognitive Tests to Detect Dementia

Solution

A deep learning—based software that empowers clinicians to screen, diagnose and predict Alzheimer's disease — **earlier and more efficiently.**

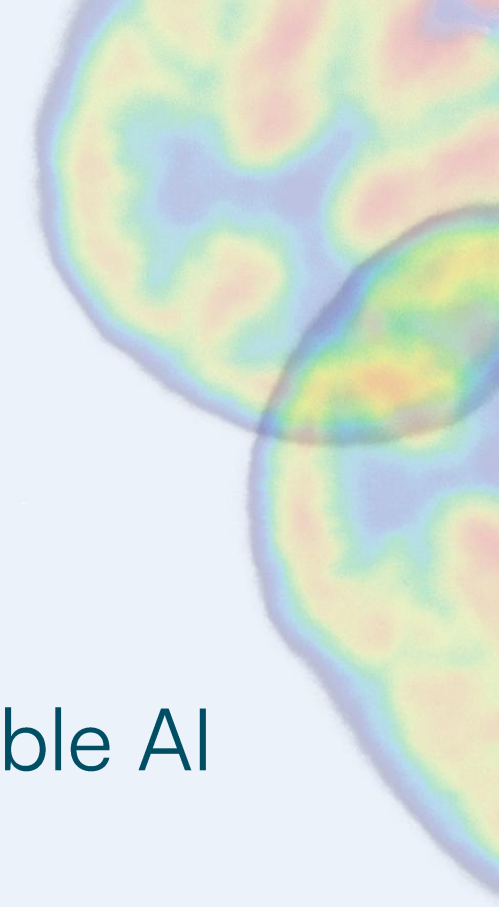


Comprensive Diagnostic Tool

Early Detection = Earlier Action

Scalable Solution

Why Now



- **Undiagnosed Epidemic**
- **New Treatments Need Early Detection**
- **Tech Breakthroughs** → Deep learning + explainable AI
- **Global Momentum** → Aging Population

A once-in-a-generation opportunity for scalable, AI-driven diagnosis

Market size

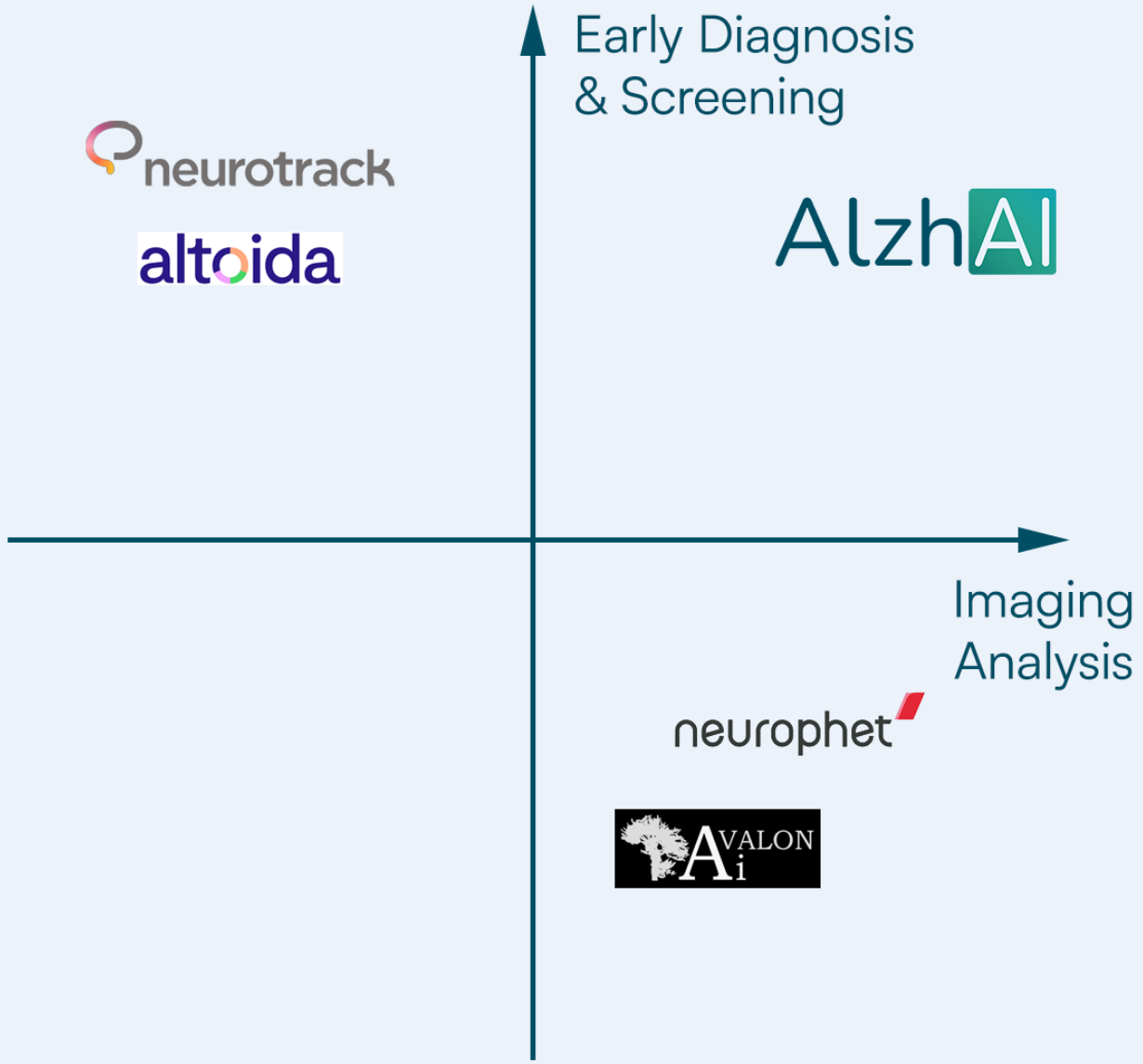
- **Lower-Bound TAM :** Global Individuals with Dementia ~ 57 million
  10 million new cases per year

- **SAM** ~ 7,85 million individuals living with dementia in Europe
  1.3 million new cases per year

- **SOM** ~ 200k individuals living with AD and MCI in Lombardy
  25k new cases per year

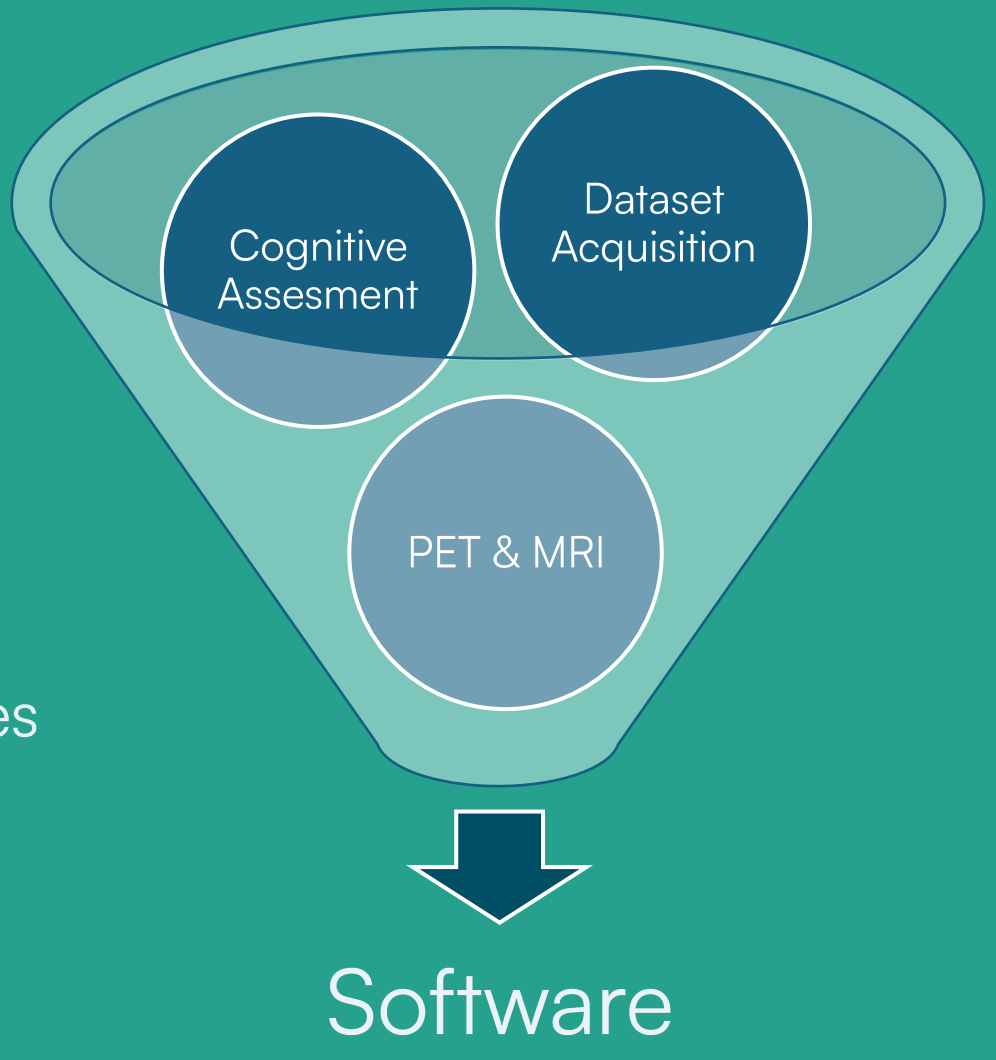
Competition

AlzhAI wants to bridge **low-cost** clinical data with **imaging AI** — enabling **continuous patient tracking** from early detection to late-stage care.



Product

- **Easy & Fast Software**
  Analysis, Monitoring, Diagnostic support
- **Screening & Early Detection**
  At-risk patients in the presymptomatic stages
- **Longitudinal Patient Tracking**



Use Cases

It’s Just Aging... Right?

Worried
But Unaware

Symptomatic,
But Misunderstood

Long-Term
Care Optimization

Target Clients

- Private Clinics & Imaging Centers
- Public Hospitals (Neurology, Geriatrics)
- RSA/ Nursing Homes

Business Model

SaaS Deep Learning Diagnostic Platform → Pay-per-Use

Screening

10€ / usage

Screening tool. Individual **risk factors analysis** and global cognition synthesis

MRI

30€ / usage

Decisional transparent tool to support clincians in **early diagnosis**

PET

50€ / usage

Transparent tool to support clincians in early prediction and diagnosis with **higher accuracy**

Team

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