

Technology

BreastScreening-AI



Company Profile

- **Sector:** Healthcare
- **Product:** Breast Cancer Diagnosis Software
- **Current Stage:** TRL 6 (technology demonstrated in relevant environment)
- **Next steps:** TRL 7 (system prototype demonstration in operational environment)



Team

- **Francisco Maria Calisto (CEO)**
- **João Maria Abrantes (CMedO)**

Problem

High rate of medical errors, cumbersome procedures, shortage of radiologists, extensive waiting times and governments wasting \$4-\$6bn per year in diagnostic errors [1].

[1] Slawomirski, L., et al., N. (2025). The economics of diagnostic safety (No. 176). OECD Publishing.

Solution

Intelligent AI-based agent as “second reader” to aid radiologists during patient diagnosis. Solution fully covers radiology workflow, by detecting and classifying MammoGraphy (MG), UltraSound (US), and Magnetic Resonance Imaging (MRI) modalities. Lowering medical error rate, while saving time & cost.

Target Market

- **National Health Services, Health Insurances**
- **Public Hospitals & Cancer Centers**
- **Private Hospitals and Clinics**
- **Healthcare hardware/software companies (GE, ...)**

Competitive Advantage

Lower rates of False-Positives (FPs ~20%) and False-Negatives (FNs ~4%). Reducing overall medical errors. Effort- & time-reduction (~3 min. per patient, in competitor comp.). Smart UX for clinicians, adaptively optimizing their support & explaining AI results.

Business Model



Licensing



Coo-development



Novel
technology



Highly
scalable



Reduced
time

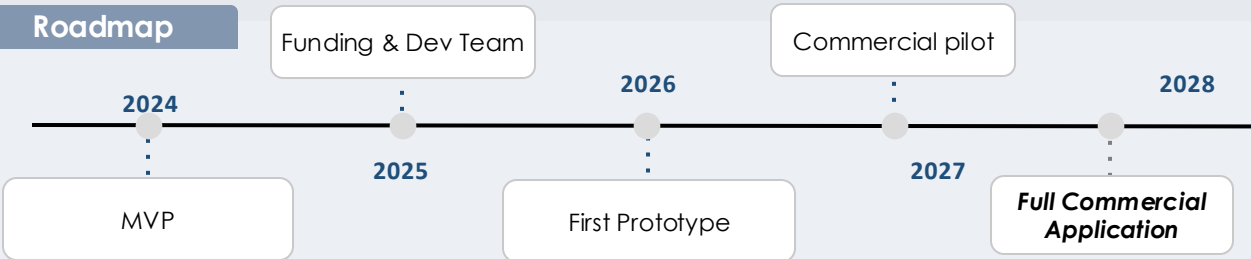


Versatile

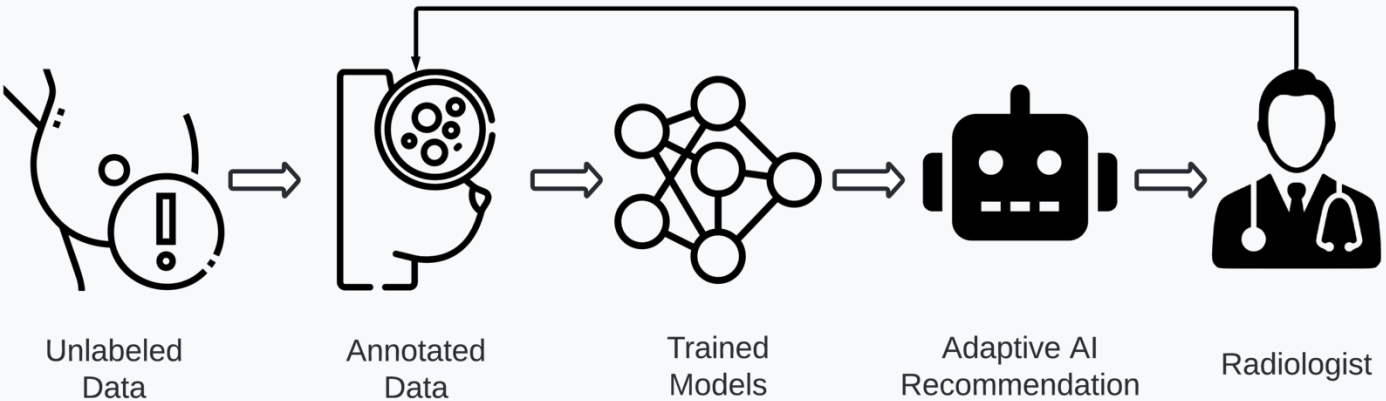


Enhanced
precision

Roadmap



Concept



Francisco Maria Calisto

francisco.calisto@tecnico.ulisboa.pt
BreastScreening-AI
Coimbra, Portugal