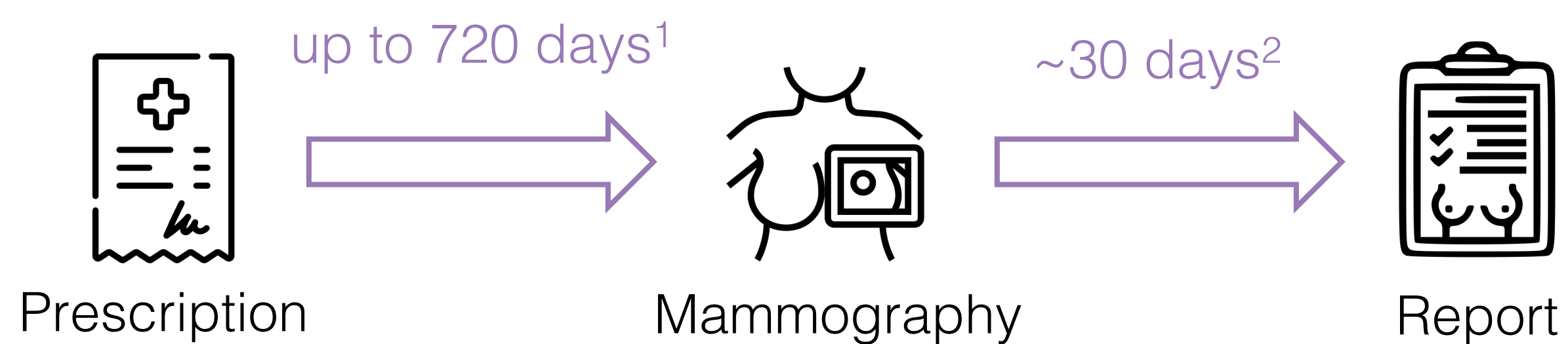


# AVERTIS

## AI-Powered Breast Screening Faster, Smarter, Better

### THE PROBLEM

Breast cancer represents a pressing **global health challenge**, affecting millions of lives worldwide. The **timely** and **accurate** detection of this disease is pivotal for successful treatment and improved patient outcomes.



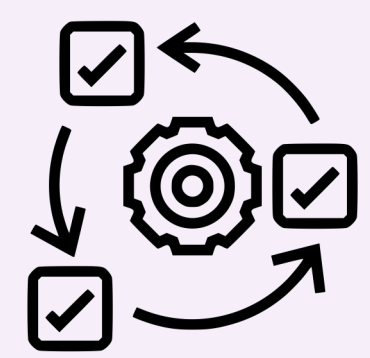
Traditional breast cancer screening methods face inherent **limitations** including high false-positive rates, missed detections, and resource-intensive processes.

### OUR BUSINESS MODEL

#### VALUE PROPOSITION:



Accurate and early detection of breast cancer



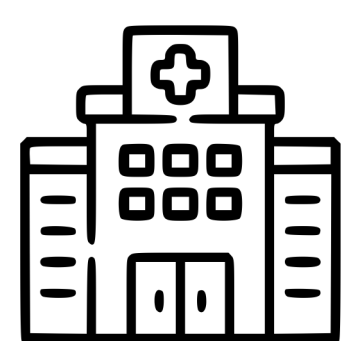
Efficient and streamlined screening process



Improved patient outcomes and quality of care

#### REVENUE STREAMS:

##### PRIMARY



Direct selling to hospitals our AI-powered breast screening solutions

##### SECONDARY

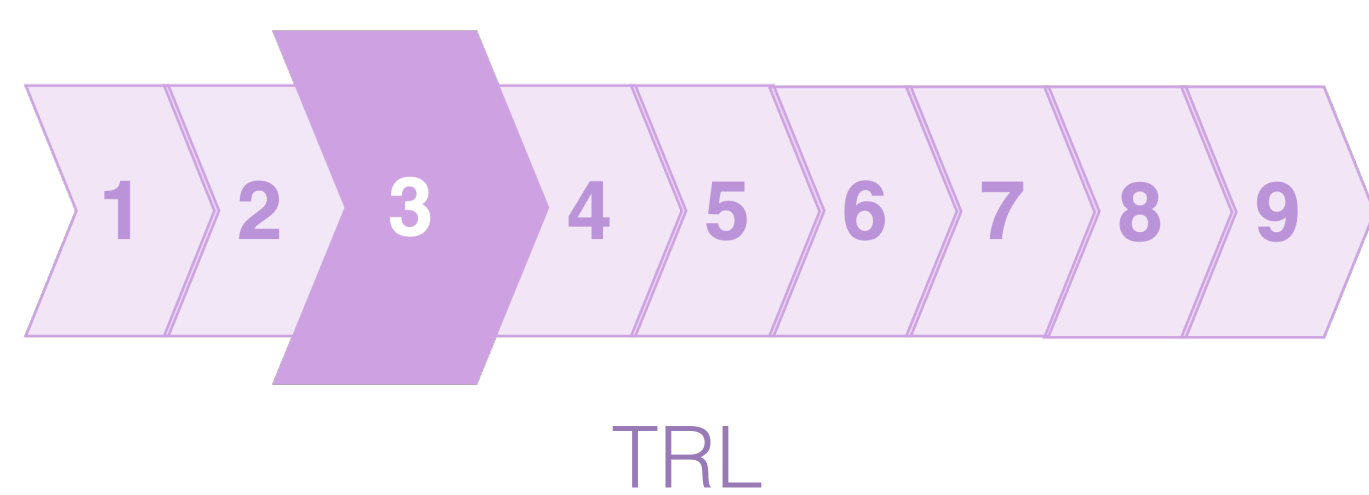


Monetizing our anonymized image database for research



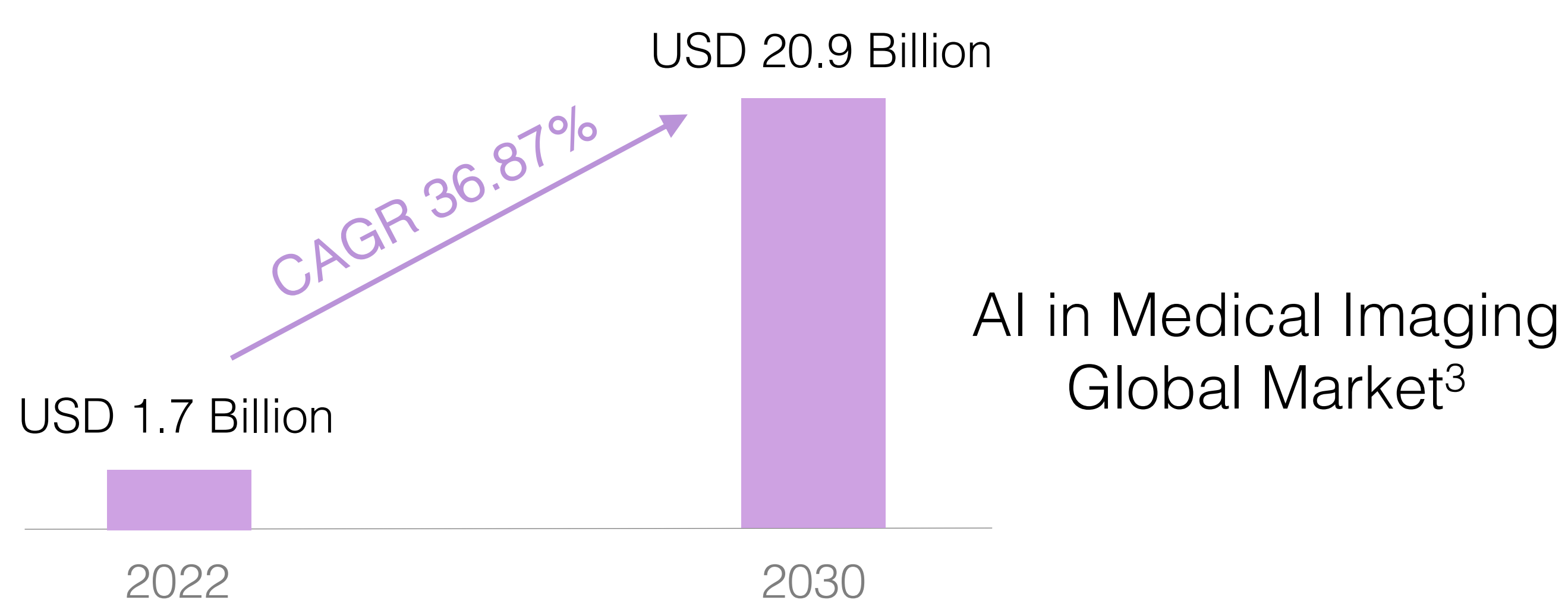
Licensing our image analysis technology to manufacturers of imaging equipment

### STAGE OF DEVELOPMENT

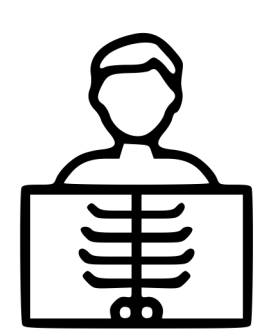
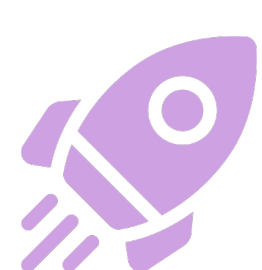


Avertis has achieved the successful attainment of an experimental proof of concept.

### OUR MARKET



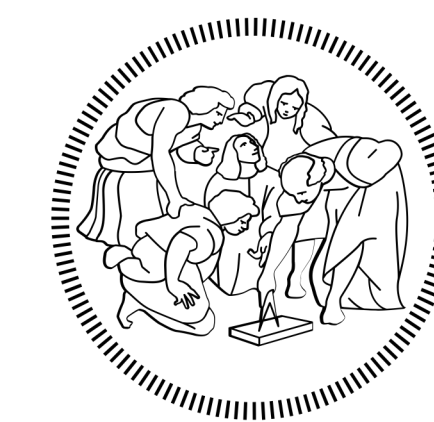
### SCALE UP POTENTIAL



Adaptable to diverse body screening processes.



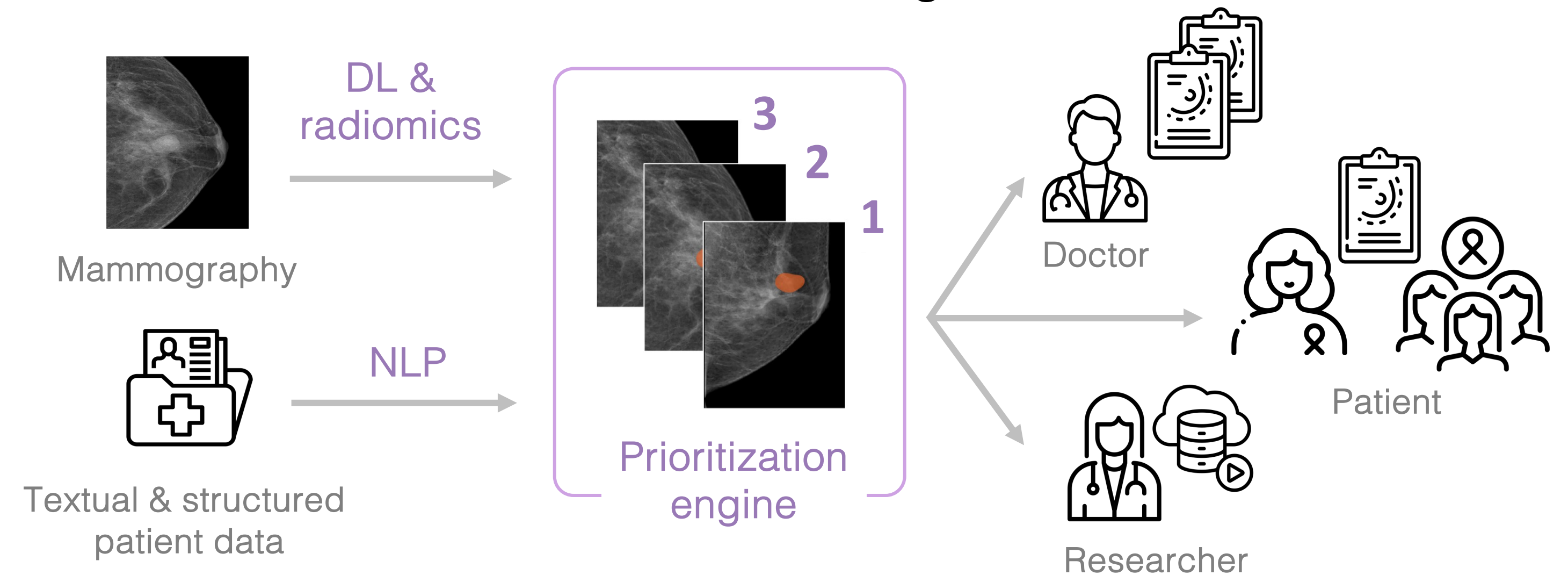
Pursuing international expansion from our foothold in the Italian market.



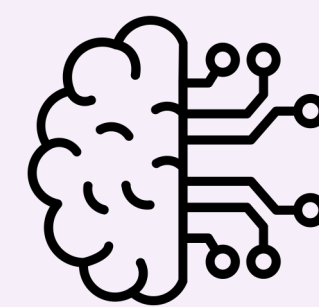
POLITECNICO  
MILANO 1863

### OUR SOLUTION

Avertis is a cutting-edge **AI tool** for breast screening that utilizes advanced algorithms to analyze medical images and data. By algorithmically prioritizing exams based on urgency, it enables **smart triage**, streamlining the screening process for more **efficient** and **effective** diagnosis.



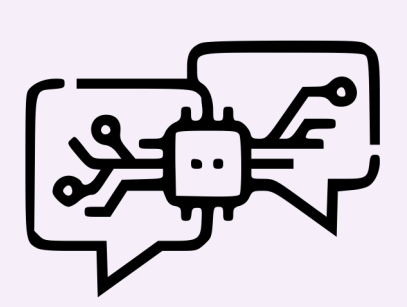
### KEY DOMAINS & FEATURES:



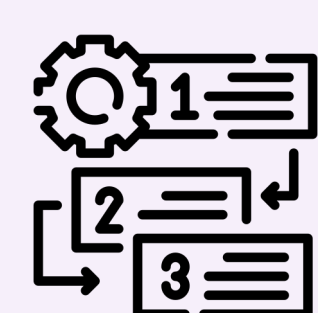
**Deep Learning**  
For accurate image analysis and features extraction



**Radiomics**  
For quantitative data extraction from medical images



**Natural Language Processing**  
For comprehensive patient information processing



**Prioritization engine**  
For efficient case management



**Automated report generation**  
In standardized medical language



**Patient-friendly Summary**  
For active patient engagement

### THE TEAM



Valentina Lidoni  
*CEO*

MSc Student in  
Biomedical Engineering,  
Healthcare Analyst



Pablo Giaccaglia  
*CTO*

MSc Student in  
Computer Science  
Engineering



Leonardo Breda  
*COO*

MSc Student in  
Mathematical Engineering

### RISK ANALYSIS

#### Market risks

Competing with established screening solutions and gaining market acceptance

Establishing key partnerships and implementing effective marketing strategies

#### Technological risks

Potential challenges in developing and maintaining advanced AI algorithms for accurate screening

Leaveraging cutting-edge technologies and conducting rigorous periodical model updates

#### Operational risks

Ensuring seamless integration with existing healthcare systems and managing data privacy

Ensuring compliance with medical data standards and security standards

**Join us in revolutionizing breast cancer screening with Avertis!**



#### REFERENCES

[1] [https://www.quotidianosanita.it/studi-e-analisi/articolo.php?articolo\\_id=104499](https://www.quotidianosanita.it/studi-e-analisi/articolo.php?articolo_id=104499)

[2] <https://www.ats-milano.it/ats/carta-servizi/guida-servizi/screening-oncologici/screening-tumore-mammella/cosa-sapere-mammografia-dopo>

[3] <https://www.precedenceresearch.com/ai-in-medical-imaging-market>