

The Diagnostic Breaking Point

Supply Side Collapse

- Ageing Workforce - 40% radiologist above 55 years*
- Burnout-driven exits
- Limited training pipeline



System Impact

- Slower Diagnosis
- High Stress, Low Efficiency
- Patient Outcomes at Risk



Demand Explosion

- CT / MRI volumes rising
- More complex cases per scan

Demand is rising. Radiologists aren't.

40%

Annual Rise in
Global Imaging Volumes

24H

Critical Average TAT

~160,000[^]

Shortage of Radiologist by 2038

[^]<https://www.acr.org/Clinical-Resources/Publications-and-Research/ACR-Bulletin/2026/radiologist-shortage-work-force-update>

*<https://pmc.ncbi.nlm.nih.gov/articles/PMC11904080/>

The Infrastructure Lag

Radiologists aren't just buried in volume; they are constrained by fragmented systems. Legacy architecture operates in silos, breaking workflow continuity.



Legacy Lag: Massive DICOM files choke on old infrastructure, causing significant image retrieval delays.



Integration Cost: Connecting PACS, RIS, and EHR requires costly, time-consuming customization.



Manual Dependency: Study routing relies heavily on human intervention, delaying critical case triage.



Duplicate Data Entry: High error rates and mismatched demographic data across systems.



Introducing Shealth AI: The Unified Ecosystem

THE BODY

- Enterprise-grade DICOM platform.
- Zero-footprint acquisition, storage, viewing, and sharing.



THE BRAIN

- Intelligent AI diagnostics layer.
- Automated case prioritization, finding extraction, and structured reporting.

Higher radiologist productivity. Lower operational costs. Better patient outcomes.

The Human-in-the-Loop Workflow



Step 01 / Ingest

DICOM In

Case uploaded to the platform; series, modality, and patient metadata are parsed automatically (CT/MRI/X-Ray).

Step 02 / Vision

Fine-tuned Image Model

AI scans each series, localizes findings, flags abnormalities, and pins the key image.

Step 03 / Report

LLM Draft Generation

A fine-tuned language model writes a structured, modality-aware draft report with findings and impressions.

Step 04 / Sign-off

100% Radiologist Validation

A credentialed human expert reviews, edits, and signs.

AI drafts the report. The physician makes the decision. Never the other way around. 100% radiologist sign-off ensures absolute clinical trust.

End-to-End Control: From Machines to Cloud

We don't just provide the best-in-class diagnostic platform for efficient reporting, but also a native, unified tech stack seamlessly integrated with physical hardware

1



Unified RIS-PACS Platform with Private Cloud Security

Web-based platform enabling secure, remote teleradiology from any location with full data sovereignty and completeness

2



Hardware Procurement

Imaging Modality equipment to healthcare providers with Shealth AI software stack embedded

Built For The Entire Healthcare Ecosystem

In the Business of Better Diagnostics – A B2B Enterprise Model

For Healthcare Providers



Radiology Platform

Higher Radiologist Throughput (More Revenue)
+
Lower Operational Costs (Automation)
=
Better Margins.

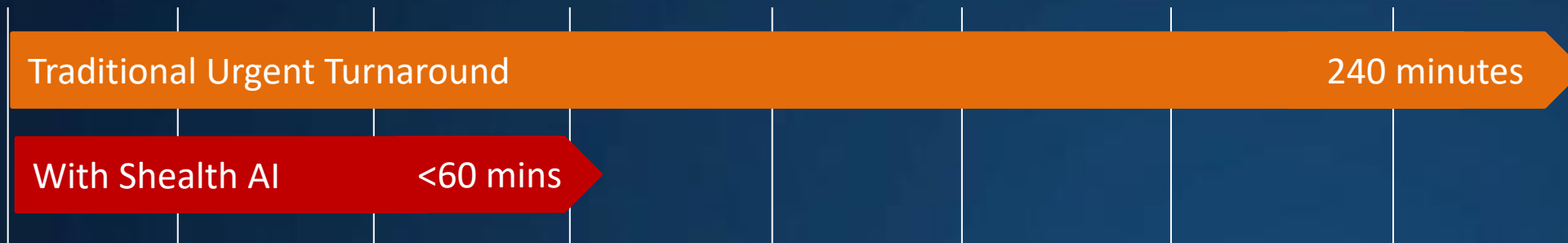
Bespoke
Radiology Setup

End-to-End Teleradiology Setup (No Hassles)
+
Embedded Shealth AI (Higher Efficiency)
=
Best-in-class, competitive setup ready!

Our modular AI models are designed for Radiologist validation, building clinical trust through proven accuracy

Shealth AI Transforming Lives Through Validated Clinical and Operational Impact

1. Operational Efficiency and Turnaround Gains



70% reduction in median reporting times, driving up 50% individual efficiency gains for active radiologists



Number of Patients: 114

Number of Radiologists: 0

Criticality Factor: High

Major Cases covered: All X-Ray and CT Cases



Our Network of Hospitals in Africa:

2. Uncompromised Accuracy



Close to 99% report accuracy augmented by AI, maintaining and improving diagnostic sensitivity without reducing specificity

3. Critical Triage



100% reduction in critical finding delays.

Automated alert systems immediately prioritize life-threatening cases



Zula Medical Specialist



Operators, Clinicians and AI builders Shipping Together.



Dr. Sheetal Chand

Co-founder & CEO

Chief Scientist & Founder | AI Innovator |
International Speaker & Published Researcher



Atul Khekade

Co-Founder & Investor

Technology Investor and Director, Shealth Alco-
founder, XDC Network



Vinod Vaidynath

AVP — AI Strategy & Healthcare Ops
Owns AI roadmap and clinical operations.



Sonny Mohanty

Ecosystem & Growth Lead

Hospital partnerships, MoH engagement,
distributors.



Simran Baiche

Business Analyst — Tech

Product requirements, iterative prototyping,
platform operations and client relationship
management.



Joel Nadar

AI Engineer — Tech

Bringing Computer Vision & LLMs into
real-world healthcare diagnostics.

Mr. Jensen Huang
CEO, Nvidia

US-Saudi Investment
Forum, 2025



*“There are more radiologist
being hired now as a result
of AI”*

*“Goal of a radiologist is to
diagnose a disease, and not
study images.”*

*“AI enables more patients,
better opportunity to study
modalities”*



The Time to Act is Now

The Imaging Volume Crisis is not approaching – it is already here. Shealth AI offers a proven, deployable solution that scales with your system needs, today and tomorrow

LINKEDIN

[www.linkedin.com/company/
shealth-ai](http://www.linkedin.com/company/shealth-ai)

INSTAGRAM

[@shealth.ai](https://www.instagram.com/shealth.ai)

EMAIL

Atul@shealth.ai
Sheetal@shealth.ai

WEBSITE

www.shealth.ai