WHAT WE OFFER

Xolani AIR – a platform that puts AI in the hands of radiologists and doctors.

Xolani AIR **(AI Radiology)** is a Cloud-based, Software-as-a-Service tool that provides high-quality, assisted diagnostics in radiology and clinical pathology work flows. It is a Suite of Neural Network AI Models (XolaNets) that analyzes medical images for the purpose of assisting the radiologist in disease detection, reporting and also for second opinions.

HOW IT WORKS

Medical images such as MRI Scans, Ct Scans, X-rays and more are passed though the cloud-based Xolani AIR models called XolaNets. With just a click, reports are generated to be used by a certified radiologist.

BENEFITS

Using our AI models in clinical work-flows has lots of benefits. These include:

- The AI software can be used in any lab setup.
- XolaNet Models can be trained for any type of disease diagnosis.
- Speeds up time-consuming tasks for medical personnel.
- Increases efficiency of diagnostic work-flow processes.
- Enables less specialized medical personnel to support the clinical diagnosis process.
- Increases accuracy of results and reduces bias.
- Saves time for patients due to increased speed of diagnosis.

USE CASES

Xolani AIR is well structured to suite your needs.

- Clinical labs with high volumes of diagnostic requests.
- Medical facilities lacking required radiologist and pathologist.
- Confirm diagnosis where medical personnel are uncertain.

FUTURE INTEGRATION

Our future task is to expand and build a more robust solution that will capture a large number of users across Africa. In order to achieve this, we intend to execute the following;

PC Applications: This integration entails developing PC software that can be used directly on the computer systems of the doctors, radiologists and pathologists. The software can connect to the Cloud Models or specific XolaNet Models can be pre-downloaded for offline AI analysis.

Mobile Apps: This integration solution is much like the PC Application - except it's on mobile devices. Xolani AIR Mobile app will have different modalities. It can work directly with imaging equipment by connecting to them or the phone can be used to take images directly.

Overhead Scan Kit: As seen in the image, this is basically an extension of the Mobile Apps solution. The Overhead Scan Kit will enable high quality image acquisition from a printing image result – e.g. from an X-ray printout, or the camera aligned with a clinical microscope.

OEM Integration: Even though there are only a few Medical Equipment OEMs in Africa, this is the solution with the least operational complexity since the Xolani AIR Cloud Based Models can be activated directly by