

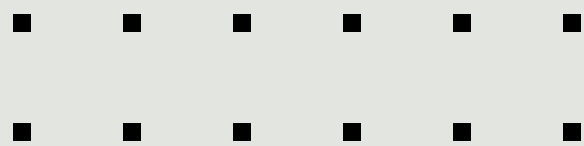


2023

ELECTRONIC

HEALTH

RECORD



COMPANY PROFILE

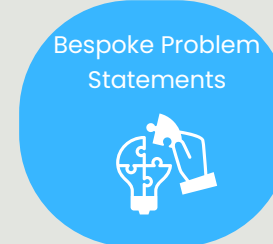
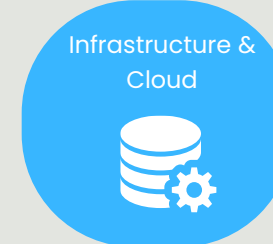
Matlala Group was founded on a simple premise **simplifying work** and we're a technology and advisory services firm that is structured around providing our customers with the industry expertise, solutions and technology partners needed to execute any technology strategy.



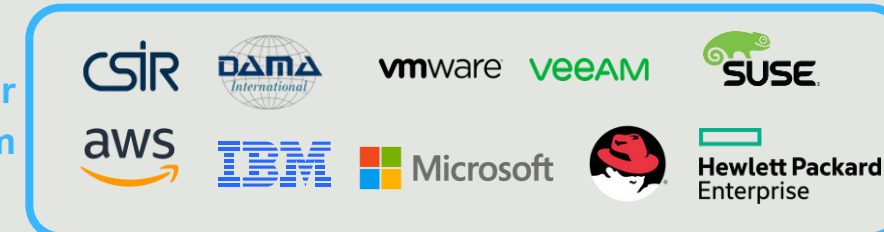
Industries we focus on



Our Value Propositions



Our Partner Ecosystem



PROBLEM STATEMENT

Public hospitals in South Africa face significant challenges due to their reliance on paper-based records, leading to various issues that compromise efficiency, patient care, and compliance with legal regulations.

Challenges addressed:

Inaccuracy in Paper-based records

Paper records in public hospitals are prone to human errors, which leads to inaccurate patient information, increasing the risk of incorrect diagnoses or treatments while consuming staff time.

Legal Implications and Compliance Risks

Dependence on paper records in public hospitals raises legal risks, including violations of data protection laws and patient privacy rights, potentially resulting in unauthorized access or breaches, leading to legal consequences.

Long Wait Times

Paper-based records lead to slower processing times and longer patient wait periods due to manual retrieval and updating, causing delays in diagnosis, treatment, and discharge processes in public hospitals.



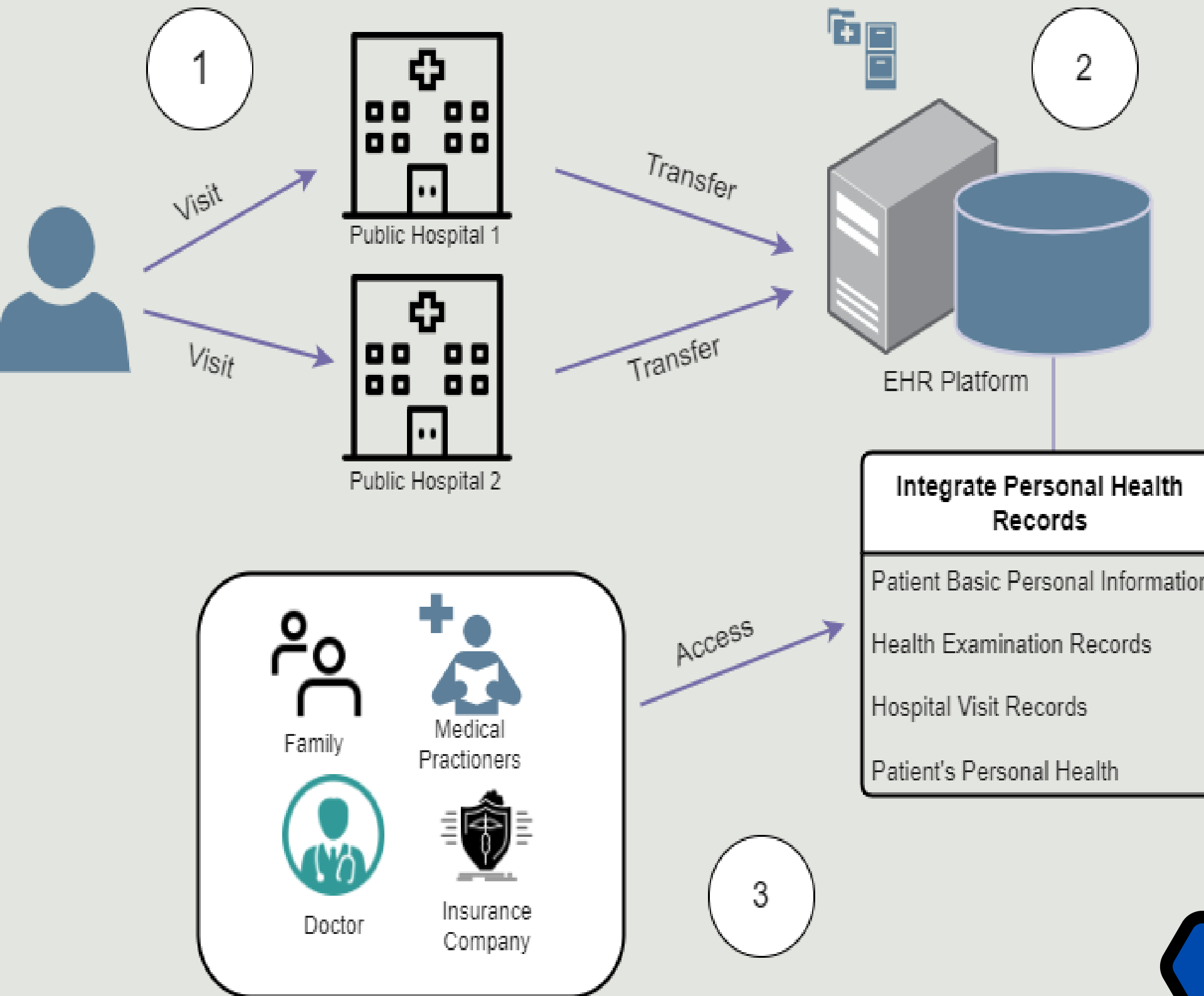
OUR SOLUTION

To address these challenges, the Department of Health could implement a comprehensive Electronic Health Record (EHR) system, that would be effective for all public hospitals.

The electronic health record system will contain the following information:

- Patient Demographics
- Medical history and orders
- Health assessment notes, graphics, health vitals
- Medical tests, lab results, radiology images, etc.
- Allergies
- Prescriptions and Treatment plans

EHR SYSTEM CYCLE



1. Patient Registration and Admission

- Hospital staff collect patient demographic and insurance information upon arrival.

2. Initial Data Entry

- Healthcare providers input essential patient data into the EHR system, including medical history and allergies.
- This data forms the foundation of the patient's electronic health record (EHR).

3. Patient Care and Documentation

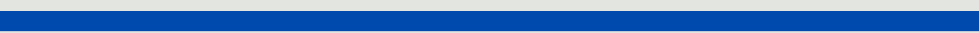
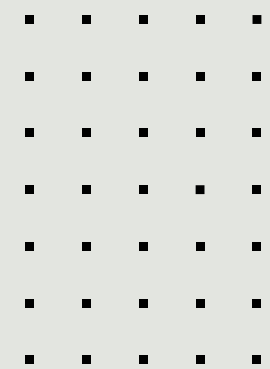
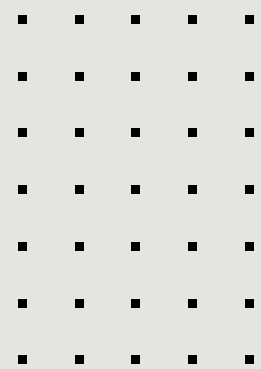
- Healthcare providers continually use the system to record observations, diagnoses, treatment plans, and progress notes.
- Clinical data like vital signs, lab results, and medication administration are regularly entered and integrated.
- Family members can access the patient's health status.

5

Strict security measures and access controls ensure patient confidentiality and compliance with privacy regulations throughout the process.



QUESTIONS?





matlalagroup
Simplifying work

THANK YOU!

