

Medvault^{One}

Patient records that travel with the patient

Ongwediva, Namibia • ICT Summit 2026

Team Members:

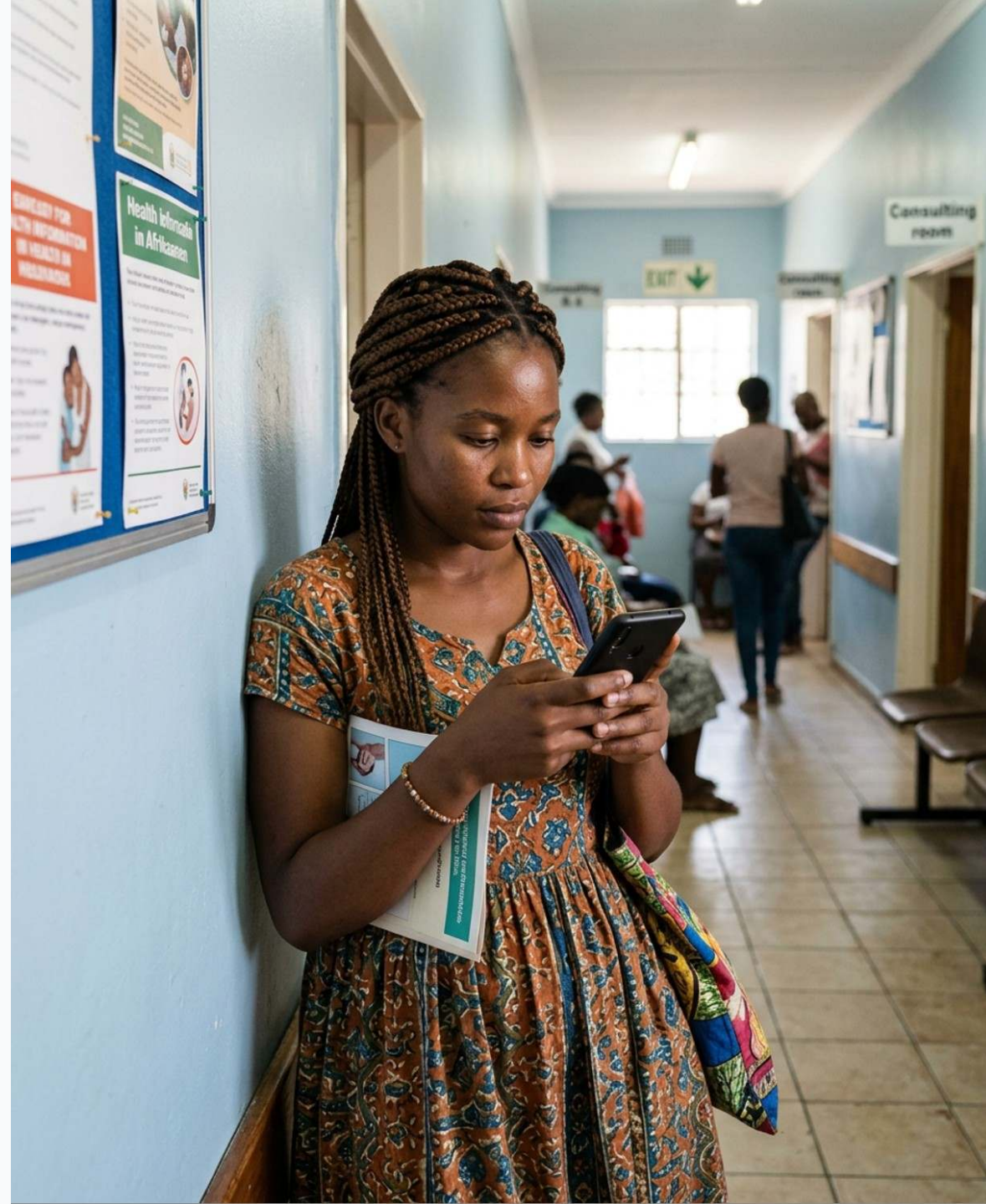
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The Problem

Lose your card, Lose your history

- **Easy to lose**

Misplaced, soaked, torn or burnt.

- **No History**

The next hospital starts over, treats you without knowing your medical past (They could prescribe a medicine you are allergic to)

- **Limited Space**

The card's pages, you get a new card and have to carry both around (inconvenient)

- **Not private**

Anyone who finds your card can read it.

8-10003-B


Republic of Namibia
Ministry of Health and Social Services
HEALTH CARD

CHILD IDENTIFICATION

Health Facility Name	
Child's Name	
Sex	M
Child Clinic No:	
Date of Birth	
Date First Seen	
Birth Order	1
Mother's Name	
Father's Name	
District	
Location	
Village/Street	

PARTICULARS OF BIRTH

BIRTH:		BIRTH:	
Normal:	☒	Hospital:	☒
Instruments:		Clinic:	☒
		Home:	
Caesarian Section:			
Head Circumference:			
Birth Weight in kg:			
Length:			
Neonatal problems:			

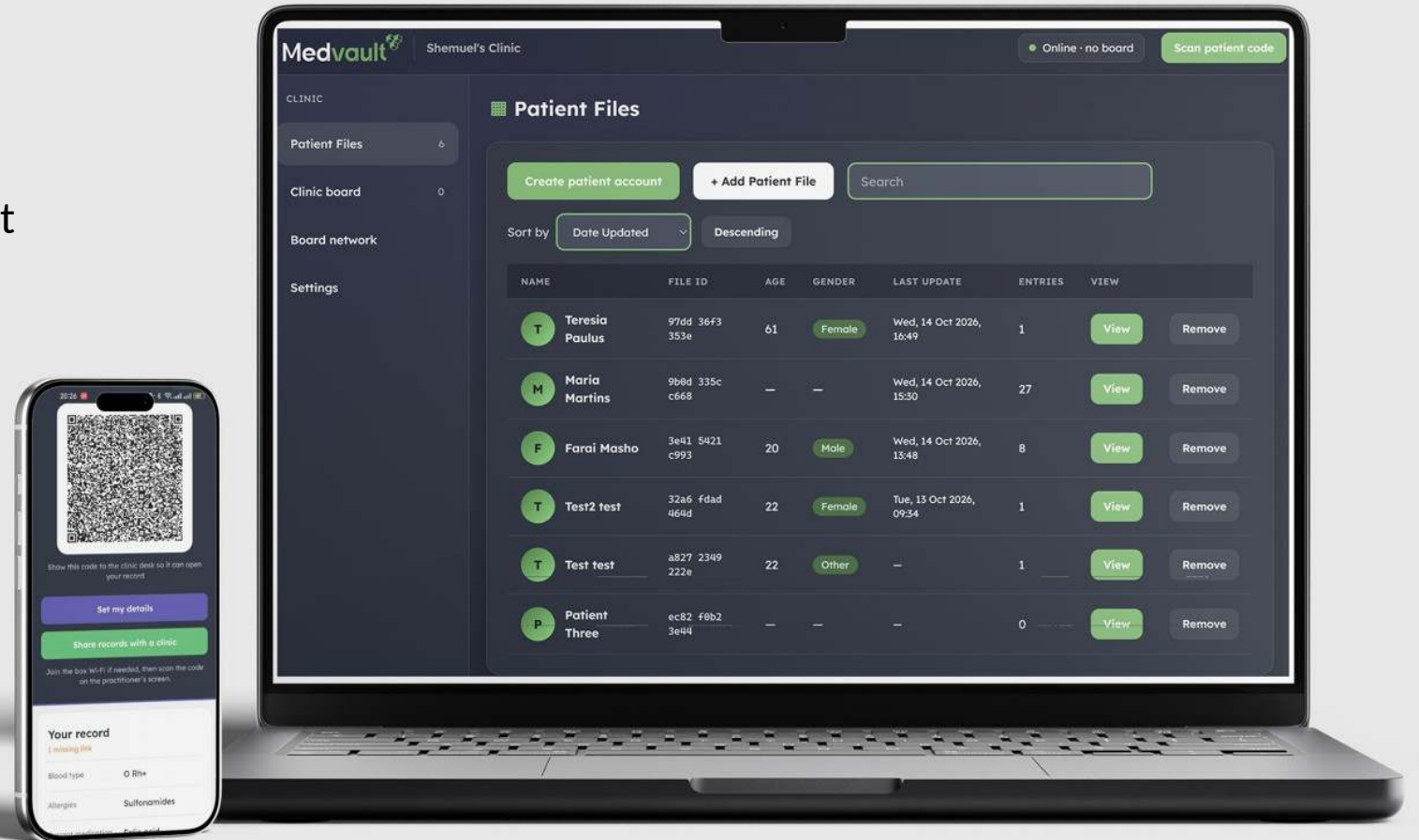
IMMUNISATION

Age	Vaccine	Date due	Date given	Given by
Birth	BCG			
6 weeks	OPV 1, Pentavalent 1			
10 weeks	OPV 2, Pentavalent 2			
14 weeks	OPV 3, Pentavalent 3			
9 months	Measles - RUA			
15 months	OPV - Booster			
5 years	DTP - Booster			

The Solution

A record for the patient A reader for the clinic

- Can be recovered if phone is lost
- Clear to read
- Travels with the patient
- High privacy
- Both can work offline



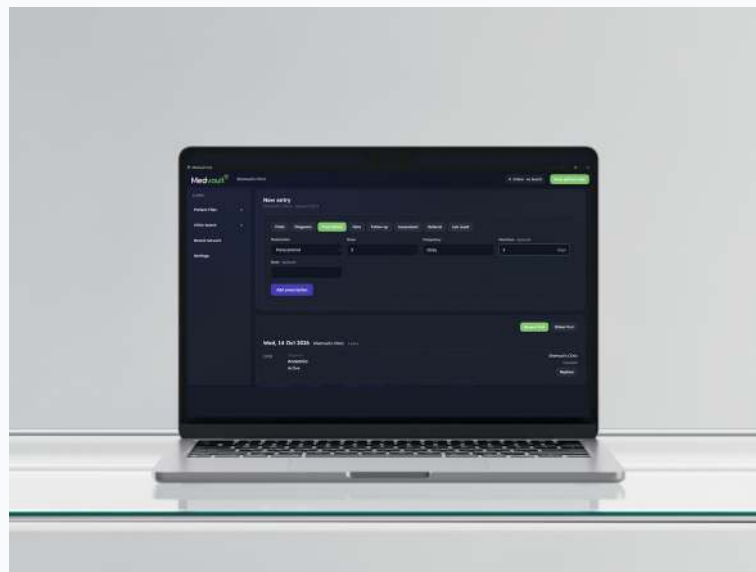
How It works

1



Patient Scans the QR code
on the facility portal

2



Doctor can now see her
history and can add onto it

3



Updates from the facility are
saved on her phone and
backed up to the cloud

We accommodate **everyone**

Clinics with no internet

Can access patient records using a “Vault”



- Stationed at the clinic
- Creates a network
- Cheap to make and maintain (sd card module)
- Revenue source for the company
- Can be mass produced, creating employment opportunities

Patient with no smartphone



- Health Facility creates a profile patient
- Once signed up, they print a card with a QR code
- Patient keeps the card
- The next hospital/clinic the patient visits can scan the QR code to access their records

Vaults could talk to **each other**

NEXT, NOT BUILT YET

TV white space is the unused gap between TV channels, and its signal travels far. A clinic with no internet could use it to write and read records through a Vault at a clinic that has internet. Click to follow a visit out and the latest record back.

+ Visit written



Offline Vault

Clinic with no internet

TV white space



Online Vault

Clinic with internet

Internet

Latest record



Cloud

Saved records

Up to date

Saved

A country of Vaults

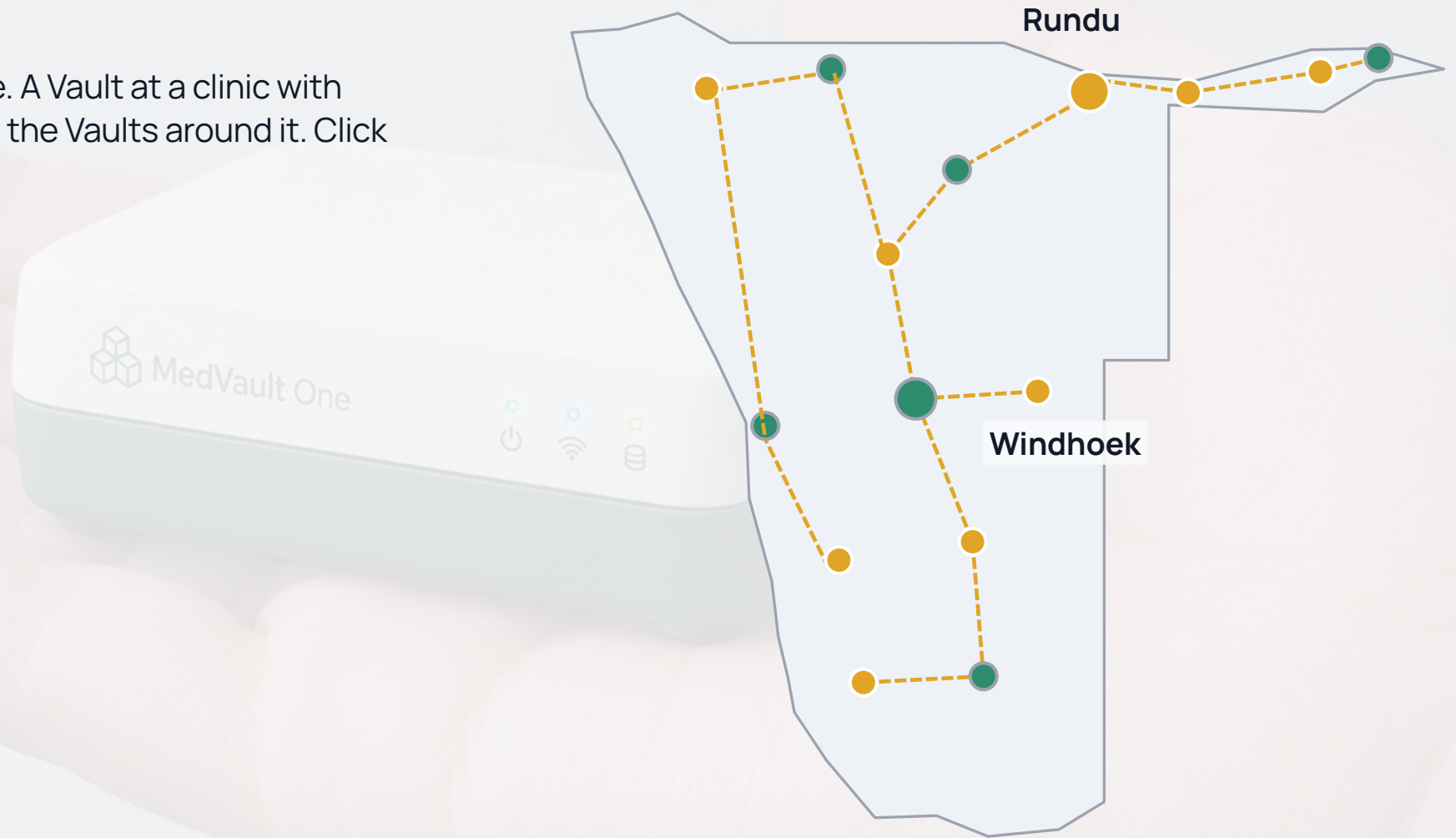
NEXT, NOT BUILT YET

Each Vault reaches the next one. A Vault at a clinic with internet becomes the bridge for the Vaults around it. Click to connect them.

-  Vault with internet
-  Vault without internet
-  TV white space link

See it live

medvault.bytemash.studio



Example layout only