

REACH THE REST with MOBILE TECHNOLOGY

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My name is Theonis.



This is Shamiso, my best friend.



**One day, I looked everywhere
for Shamiso.**



**Mama cried and cried. She said
the measles got him and he'd be
gone forever.**



I haven't played soccer since.



1 in 5 kids don't have access
to vaccine initiatives.

That is **UNACCEPTABLE.**

LIVES CAN BE SAVED



UN Goal

Reduce child mortality by 2/3

1.5 million

Could be saved

**Pentavalent
vaccine**

Seeing success

71%

Drop in measles deaths

THE FIFTH CHILD



“The **challenge** is that the **fifth child** isn’t standing next to the other four.”

-DR. CHRIS ELIAS, BILL AND MELINDA GATES FOUNDATION



REACH the REST

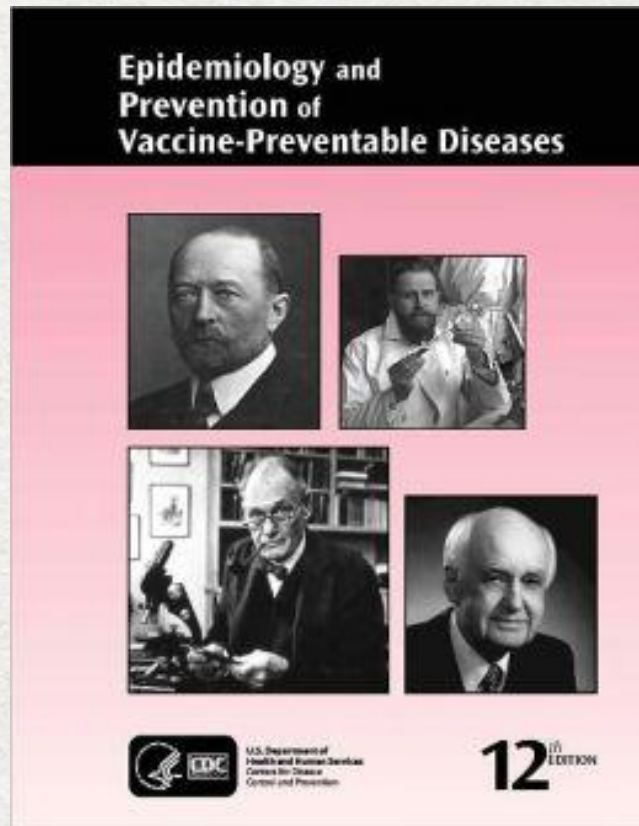


CHALLENGES

- Primitive or non-existent local care leads to sporadic treatment at best
- Shortage of trained professionals

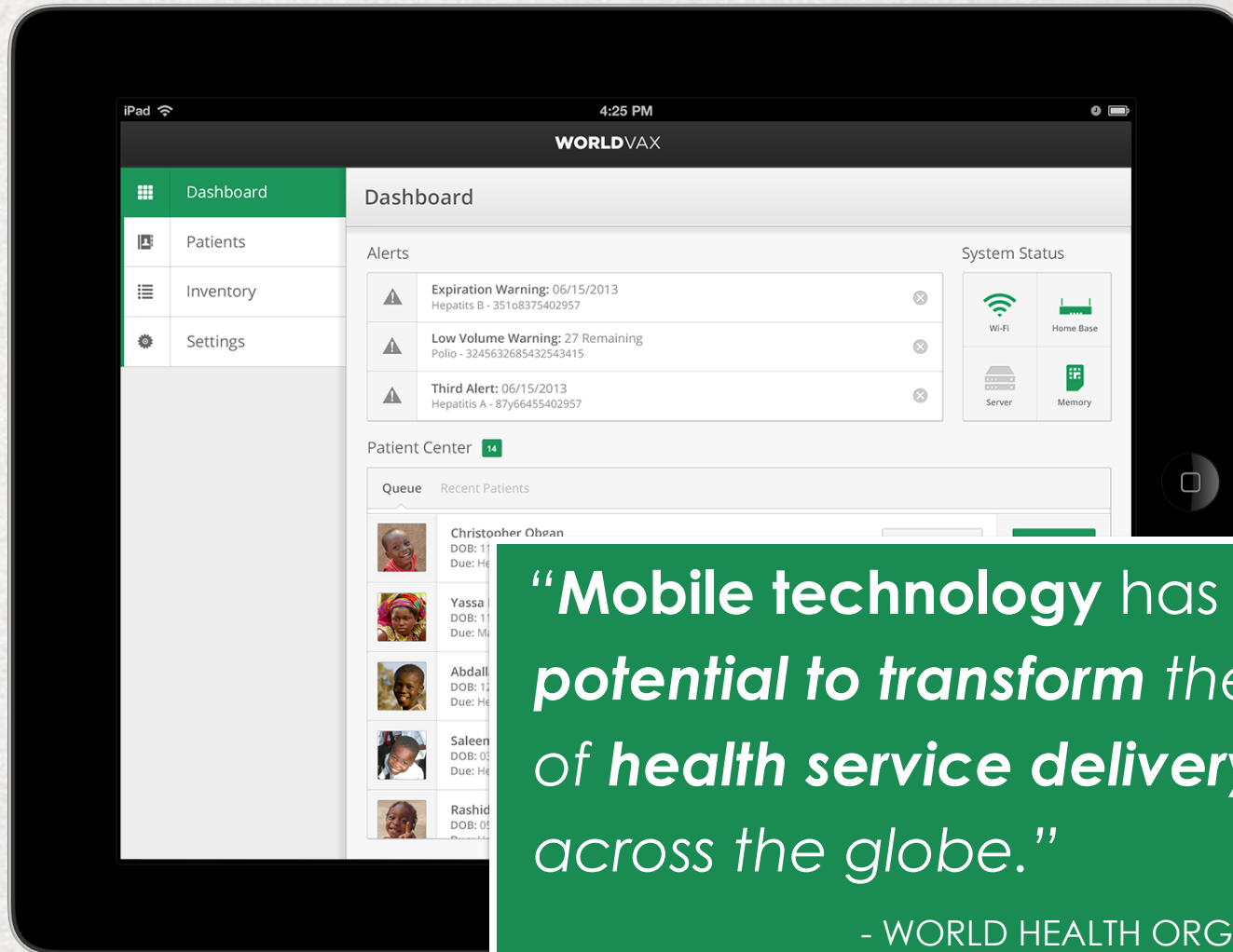


PINK DOESN'T SCALE



- Printing
- Translation
- Updates take too long to distribute

MOBILE TRANSFORMS

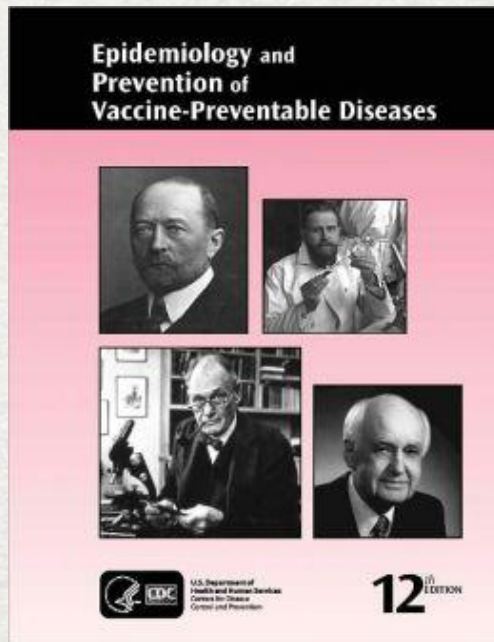


“Mobile technology has the potential to transform the face of health service delivery across the globe.”

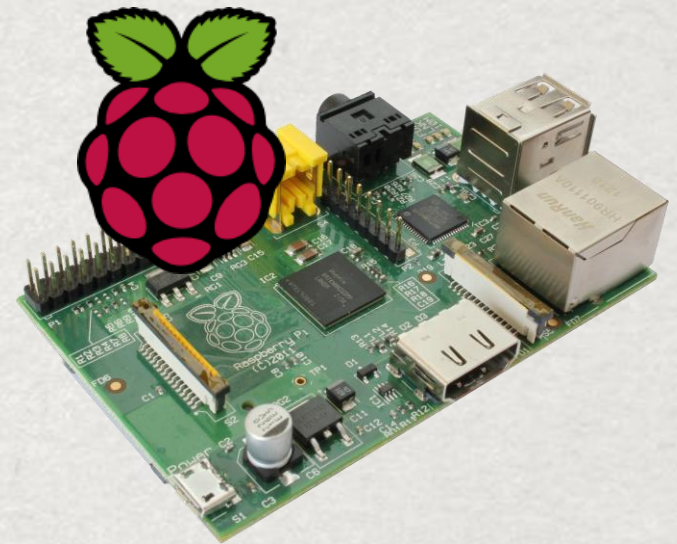
- WORLD HEALTH ORGANIZATION

RASPBERRY PI(NK)!

CDC PINK BOOK

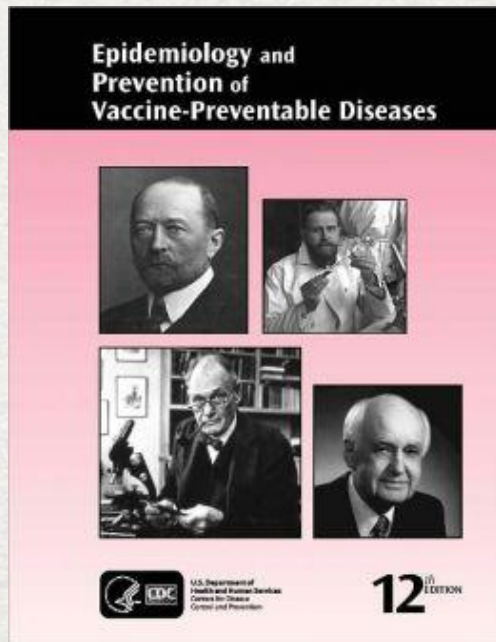


RASPBERRY PI



RASPBERRY PI(NK)!

CDC PINK BOOK

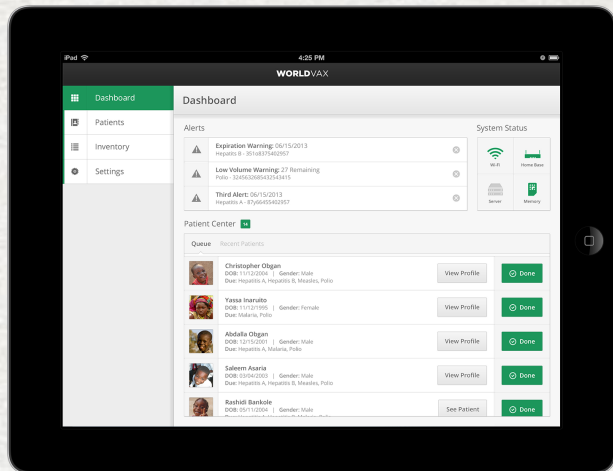


RASPBERRY PI



RASPBERRY PI(NK)!

TABLET



RASPBERRY PI





Dashboard



Patients



Inventory



Settings

Dashboard

Alerts

	Expiration Warning: 06/15/2013 Hepatitis B - 351o8375402957	
	Low Volume Warning: 27 Remaining Polio - 3245632685432543415	
	Third Alert: 06/15/2013 Hepatitis A - 87y66455402957	

System Status

 Wi-Fi	 Home Base
 Server	 Memory

Patient Center 14

Queue Recent Patients

	Christopher Obgan DOB: 11/12/2004 Gender: Male Due: Hepatitis A, Hepatitis B, Measles, Polio	View Profile	Done
	Yassa Inaruito DOB: 11/12/1995 Gender: Female Due: Measles, Polio	View Profile	Done
	Abdalla Obgan DOB: 12/15/2001 Gender: Male Due: Hepatitis A, Measles, Polio	View Profile	Done
	Saleem Asaria DOB: 03/04/2003 Gender: Male Due: Hepatitis A, Hepatitis B, Measles, Polio	View Profile	Done
	Rashidi Bankole DOB: 05/11/2004 Gender: Male Due: Hepatitis A, Hepatitis B, Measles, Polio	See Patient	Done

- Alerts
- Status
- Queue



Dashboard



Patients



Inventory



Settings

Patients

Search

Results

Record

Patient Information



Abdalla Obgan

DOB: 12/15/2001

Gender: Male

Location: 37 23.516 - 122 02.625

Related: [Trisha Obgan](#)
[Yeshua Obgan](#)

See All

Edit Info

Immunization Records

Vaccine Name	Dose 1	Dose 2	Dose 3	
Hepatitis B	✓ 05/12/2010			Administer
Polio	✓ 05/12/2010			Edit
Measles	✓ 05/12/2010			Edit
Hepatitis A	✗ 05/12/2010			Administer
Hepatitis B	✓ 05/12/2010			Edit

- Demographics
- Immunization history & analysis
- Forecast next appointment

See All

Schedule Immunization

SHIFTS FOCUS ONTO CARE

- **Reduced administrative workload increases personal time with patients**
- **Immediate scheduling for follow-ups ensures continuity**



WHY NOW?



85%

Population with cell service

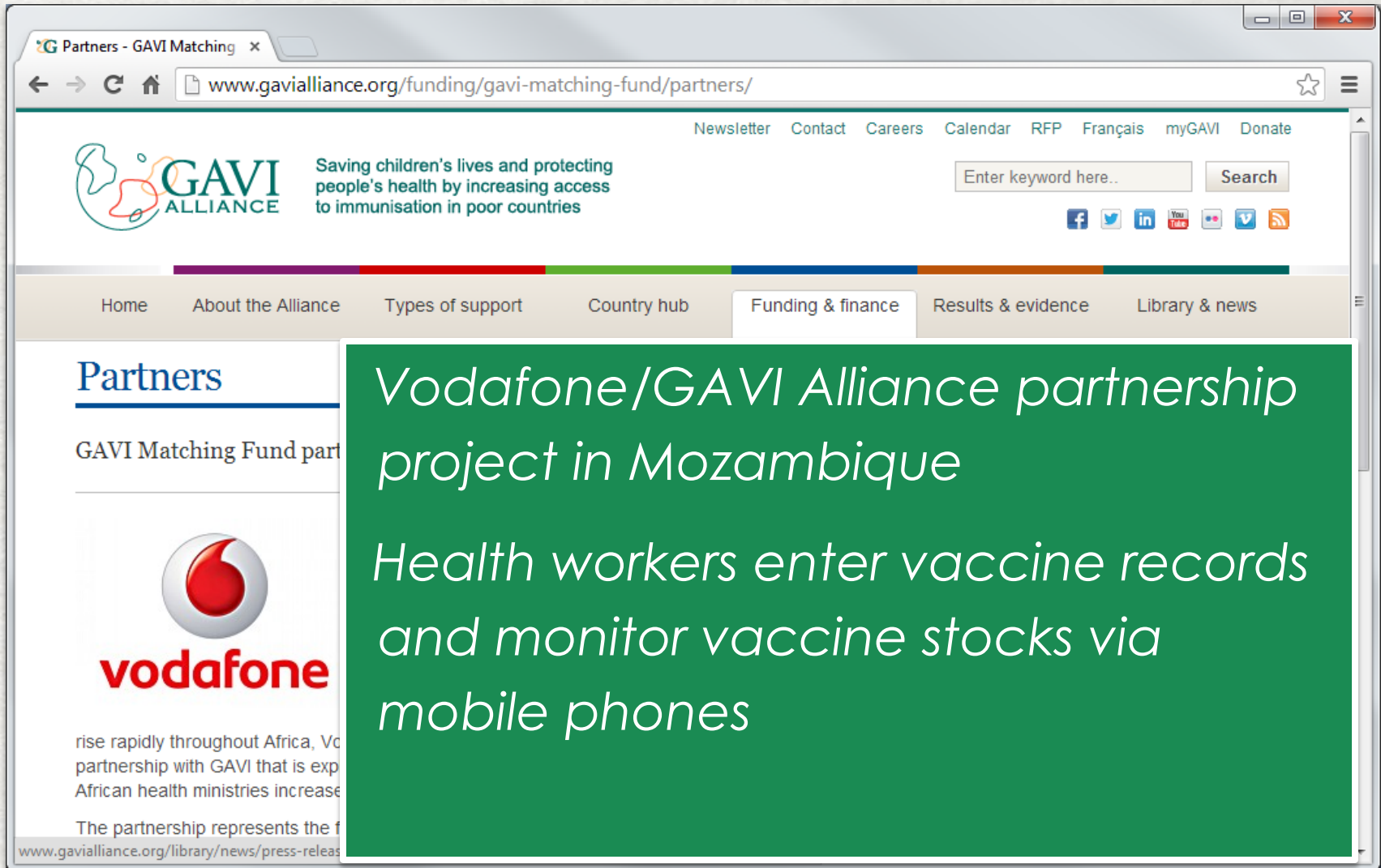
7 Billion

Wireless subscribers by 2014

70%

Live in low & middle income countries


CURRENT INITIATIVES



The screenshot shows a web browser window with the address bar displaying www.gavialliance.org/funding/gavi-matching-fund/partners/. The GAVI Alliance logo is visible, along with the tagline "Saving children's lives and protecting people's health by increasing access to immunisation in poor countries". A search bar and social media icons are also present. The main navigation menu includes links for Home, About the Alliance, Types of support, Country hub, Funding & finance, Results & evidence, and Library & news. The "Partners" section is highlighted, and the "Vodafone/GAVI Alliance partnership project in Mozambique" is featured. The text on the page describes the project as a health workers entering vaccine records and monitoring vaccine stocks via mobile phones.

Partners

GAVI Matching Fund part


vodafone

rise rapidly throughout Africa, Vo
partnership with GAVI that is exp
African health ministries increas

The partnership represents the f

www.gavialliance.org/library/news/press-releas

Vodafone/GAVI Alliance partnership project in Mozambique

Health workers enter vaccine records and monitor vaccine stocks via mobile phones

CURRENT INITIATIVES

Partners - GAVI Matching
www.gavialliance.org/funding/gavi-matching-fund/partners/

OpenCDS Home
www.opencds.org

OpenCDS

Home The Solution Featured Collaborators Acknowledgements Join the Community News Contact Us

OPEN CLINICAL DECISION SUPPORT (OPENCDS) TOOLS AND RESOURCES!

A consortium effort, connecting collaborators together across the healthcare continuum to improve patient outcomes through the effective use of standards-based, open source clinical decision support.

JOIN THE COMMUNITY >

What Is OpenCDS? **Who Is Involved?** **How Can I Learn More?**

www.opencds.org/LinkClick.aspx?link=96&tabid=568&portalid=0&mid=468

rise rapidly through partnership with GAVI African health ministri

The partnership represents the first in-kind contribution of technology

www.gavialliance.org/library/news/press-releases/2011/gavi-alliance-partners-to-tackle-childhood-killer-in-ethiopia/

CHALLENGES

- Disparate groups providing care
- Fragmented data and paper records
- Population outpacing vaccine supply
- Complicated cold chain logistics



WORLDVAX



Dashboard



Patients



Inventory



Settings

Inventory

3 Available Vaccines

Hepatitis A | 2 Lots - 23 Remaining

[View Details](#)

Set Default Lot

9236748920 - Hepatitis A - 4/15/2013

Last Updated: 11/12/2004
Next Expiration: 11/12/2004

Add Lot Number

Hepatitis B | 12 Lots - 1154 Remaining

[View Details](#)

Set Default Lot

9236748920 - Hepatitis B - 4/15/2013

Last Updated: 11/12/2004
Next Expiration: 11/12/2004

Add Lot Number

Measles | 12 Lots - 1154 Remaining

[View Details](#)

Set Default Lot

9236748920 - Measles - 4/15/2013

Last Updated: 11/12/2004
Next Expiration: 11/12/2004

Add Lot Number

- Lot numbers for tracking
- Stock on hand
- Key to campaign planning

Add Vaccination

WORLDVAX

WorldVax-Africa-Tanzania



Add layer

Saved

Vaccination Campaigns



Style



Data



Labels



Campaign T-37 Childhood schedule



2013-10-07 13 patients seen, ages 1-7



2013-10-08 4 patients, ages 4-13



2013-10-09 2 patients, ages 5-7

Base map



Ruangwa

2013-10-09 2 patients, ages 5-7

The last time we were here we had to help bring the goats down from the ridge.



- *Where we've been*
- *Whom we treated*
- *Where we're headed*
- *What we'll need*

KEY BENEFITS



- Data capture will ensure follow-up to prevent dropouts
- Decision support guides proper care
- Inventory tracking avoids wasted vaccines and wasted opportunities

HOW YOU CAN HELP



FINISH THE STORY...





My name is Theonis.



This is Shamiso, my best friend.



**We used to play soccer every night
after chores.**



**We dreamed that one day we'd play on a
Kenyan Premier League team.**



**One day, I looked everywhere
for Shamiso.**



**Mama cried and cried. She said
the measles got him and he'd be
gone forever.**



I haven't played soccer since.



**Today, some people came
to our village in a jeep.
They had supplies.**



**They could help us grow strong
and healthy, they said.**



Mama smiled. "Get in line," she said.



When it was my turn, a man with a kind face asked me questions, then gave me medicine with a needle.



**I didn't cry
because mama looked so happy.**



**The man tapped on a glass screen
and told me he'd be back soon.**



Afterwards, Mama hugged me. Hard.



**I'd never seen her smile and cry
at the same time.**



Maybe she wonders like I do:



**About how many children were saved by
those shots today.**



How many can grow older? Healthier?




Stronger.



**How many kind faces and kind hearts
might it take to change all the villages
in the world?**



Introducing **WORLD**VAX

powered by  ICC



REACH the REST

Learn more
icctechnology.com/Insights

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