



An Example

HOW DOES OPENHIE WORK?

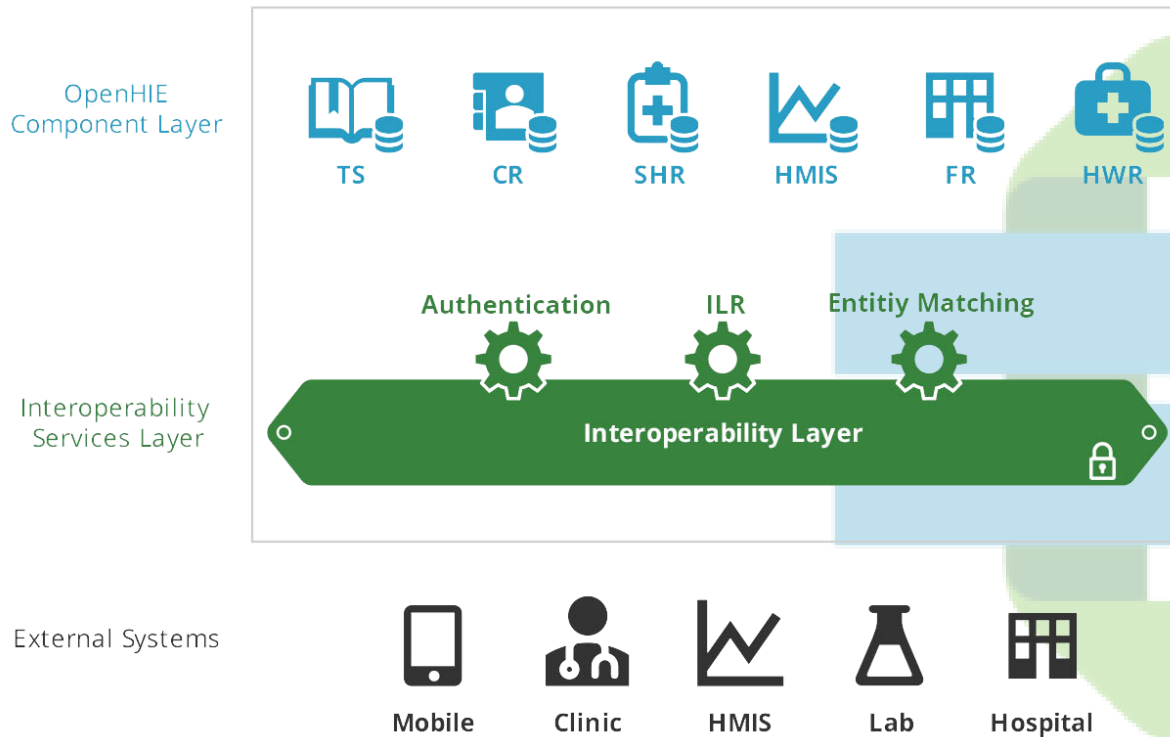
# Meet Mosa

- She is 19 years old and lives in a small village in Rwanda
- She is pregnant
- And, like many in her village, she is HIV Positive



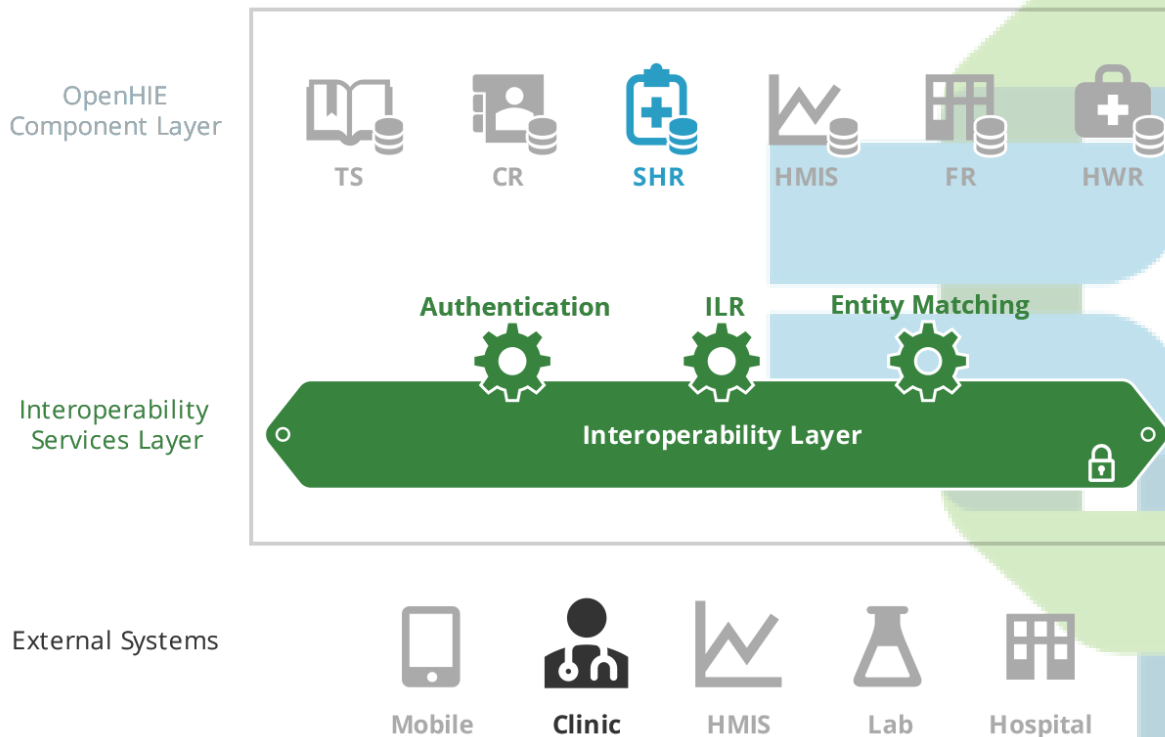
# Meet Mosa

- Mosa registered at a local clinic providing MOH-sponsored antenatal care (ANC)



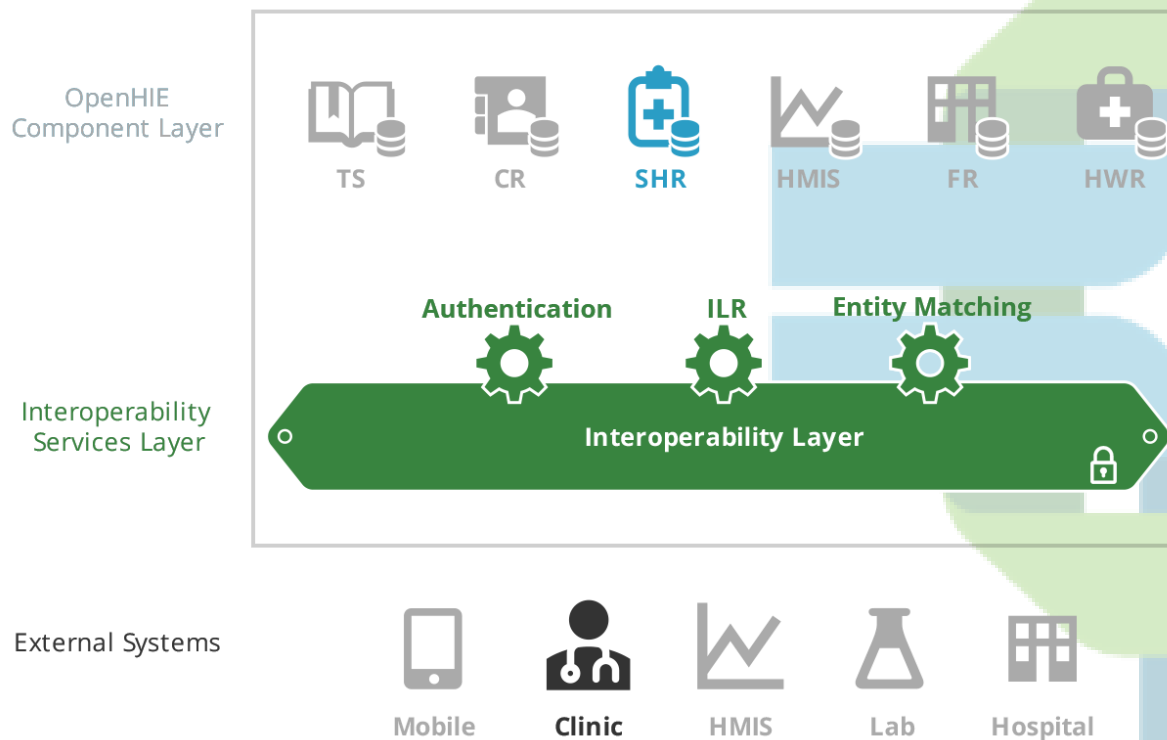
# Using National ID for Info

1. The clinic uses a local instance of an Electronic Medical Record (EMR) and synchs with the SHR
2. The clinic's local EMR uses Mosa's national ID to synch with the National SHR



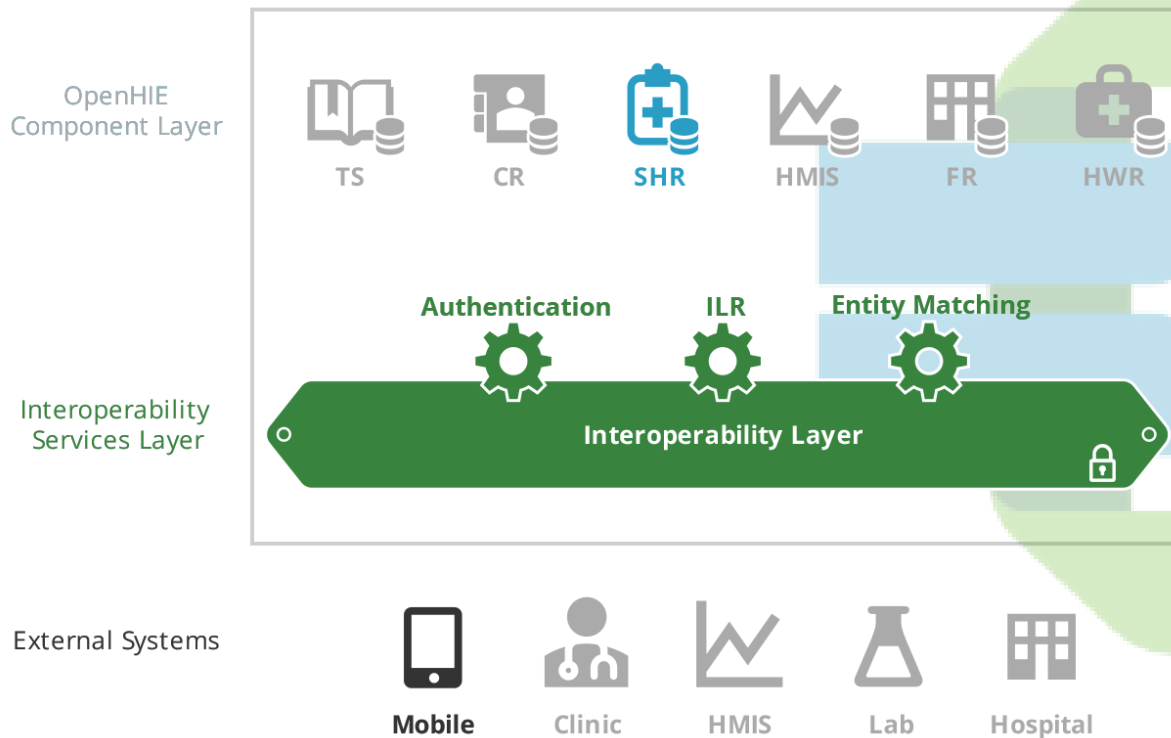
# Logging Protocols

- The local EMR notes to the National SHR that Mosa requires hospital delivery using PMTCT (prevention of mother-to-child transmission) protocols.



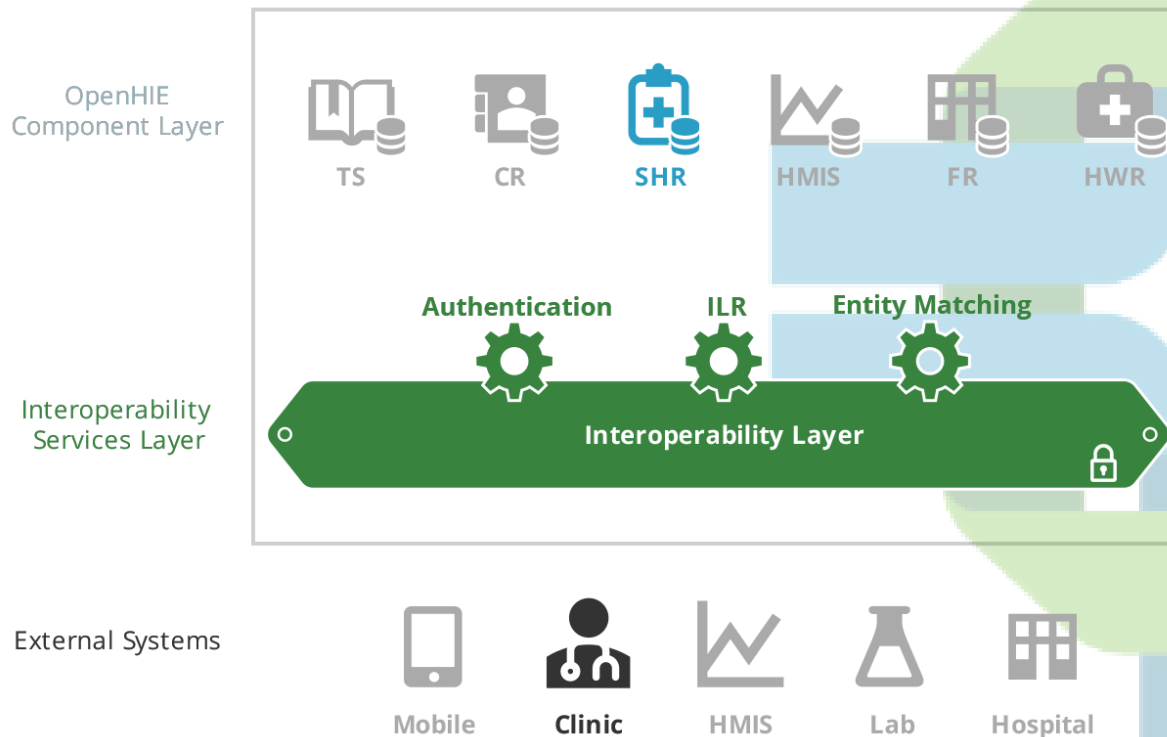
# CHW Grace

- Weeks into her pregnancy, Mosa experiences minor bleeding.
- Mosa's community health worker (CHW) Grace logs this information on a basic mHealth application.



# At the Clinic

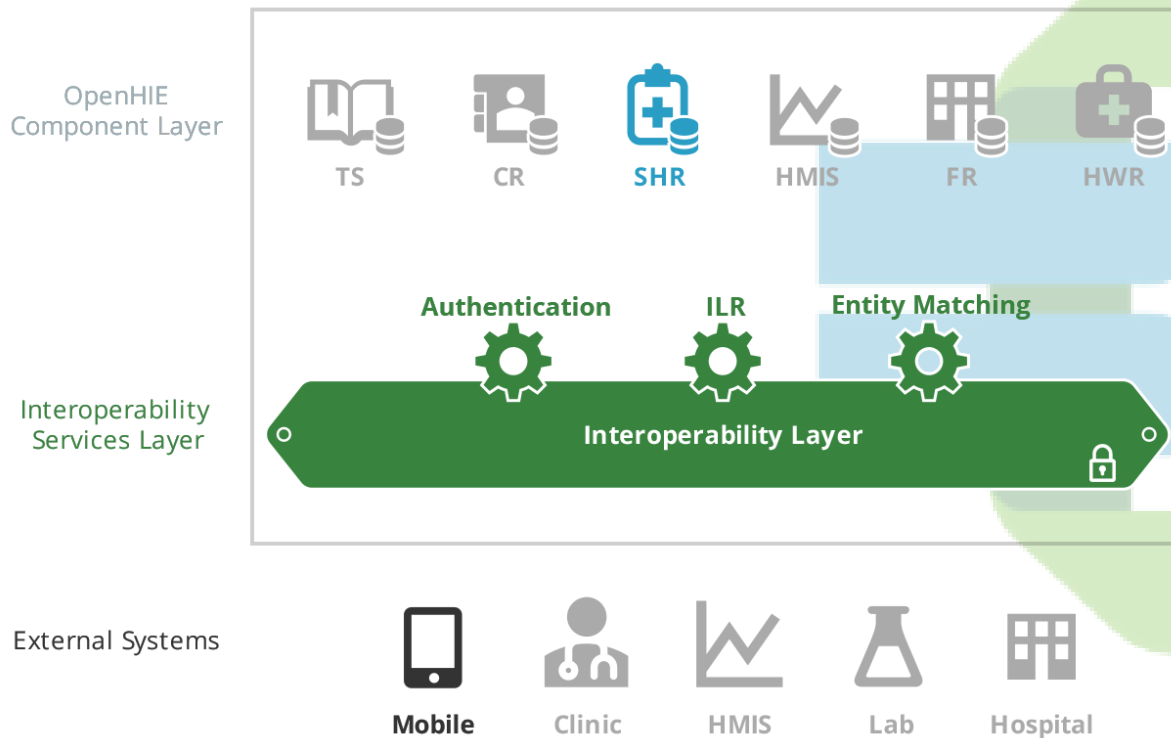
- Grace advises Mosa to go to the clinic for a checkup
- At the clinic, Mosa is found to be anemic and referred to the hospital.
- The referral is flagged 'urgent' and updated to Mosa's record in the SHR.





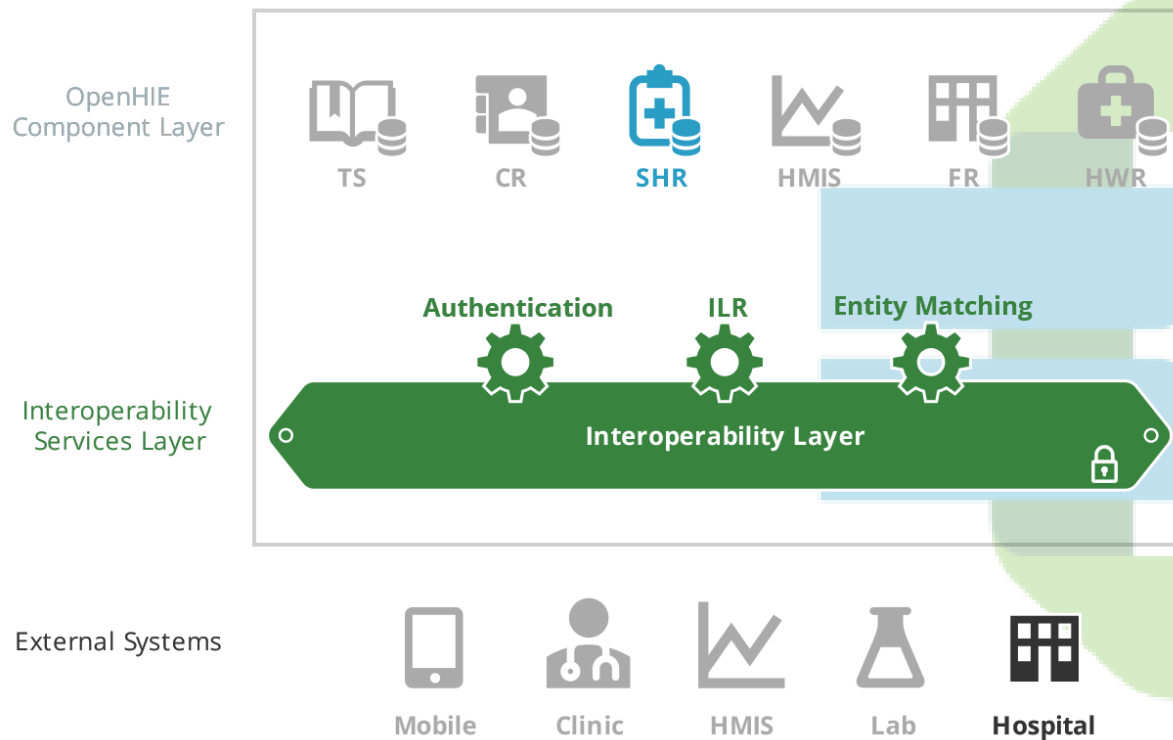
# Three Days Later

- Mosa has not checked into the hospital
- A mobile alert is sent to Grace
- Grace finds Mosa at home with a fever



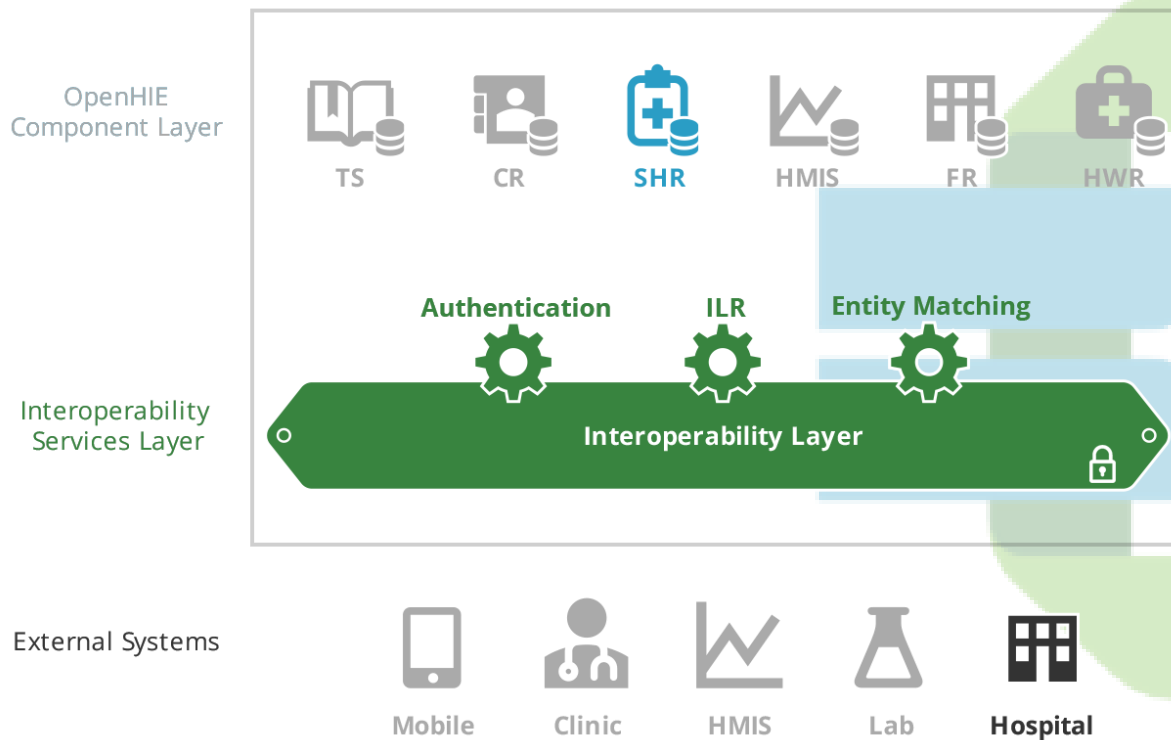
# At the Hospital

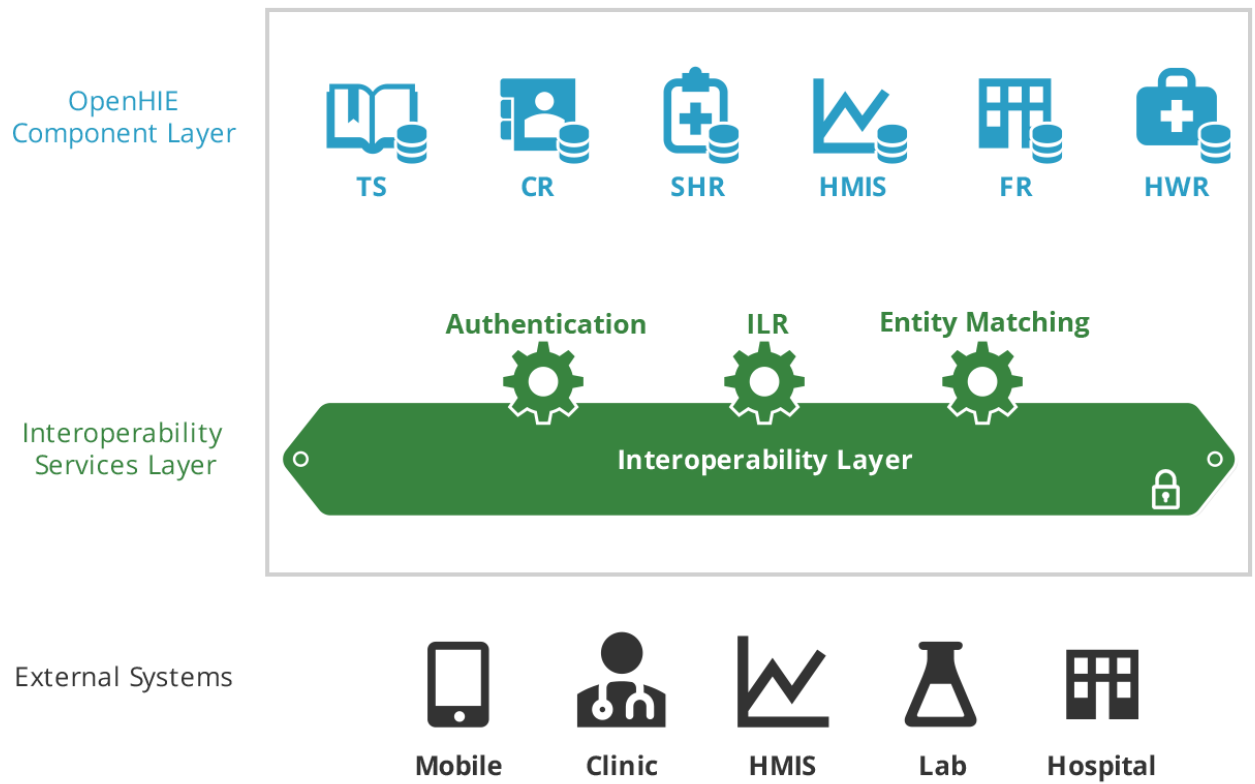
- Grace arranges for Mosa's transport to the hospital
- Health workers retrieve Mosa's medical history from her SHR.



# Appropriate Care

- With the information from Mosa's SHR record, health workers are able to provide appropriate care for Mosa and her baby





## Architecture Framework

Sharing Data to Improve Health Outcomes

# OpenHIE: Mythbusters!



# OpenHIE.exe?

Is OpenHIE is a downloadable and single click install software package?



# Open Source Only



Does OpenHIE only work with Open Source software?

Can I use commercial or non open software with OpenHIE?

# All or Nothing!

Do you have to use all of OpenHIE at once?

Can I use bits and pieces?

Will you still like me if I don't use it all?





# Our way or the high way!

Do I have to use your profiles exactly?

What if there isn't a workflow for what I want to do?

What about new standards?



<b>Sub Community</b> <a href="https://wiki.ohie.org/display/SUB/Home">https://wiki.ohie.org/display/SUB/Home</a>	<b>HIE Component Source Code</b>
Facility Registry Community	Facility Registry [ <a href="https://github.com/instedd/resourcemap">https://github.com/instedd/resourcemap</a> ]
Health Management Information System	DHIS 2 [ <a href="https://code.launchpad.net/dhis2">https://code.launchpad.net/dhis2</a> ]
Health Worker Registry Community	Health Worker Registry [ <a href="https://github.com/openhie/openinfoman">https://github.com/openhie/openinfoman</a> ]
Client Registry Community	OpenEMPI [ <a href="https://kenai.com/projects/openempi/sources/source-repository/show">https://kenai.com/projects/openempi/sources/source-repository/show</a> ] MEDIC CR [ <a href="https://mediccr.codeplex.com/">https://mediccr.codeplex.com/</a> ]
Terminology Service Community	Terminology Services [ <a href="http://apelon-dts.sourceforge.net/">http://apelon-dts.sourceforge.net/</a> ]
Shared Health Record Community	The SHR reference application is made up of a number of OpenMRS modules:  <a href="http://www.openmrs.org">http://www.openmrs.org</a> <a href="https://github.com/jembi/openmrs-module-shr-xds-b-repository">https://github.com/jembi/openmrs-module-shr-xds-b-repository</a> <a href="https://github.com/jembi/openmrs-module-shr-cdahandler">https://github.com/jembi/openmrs-module-shr-cdahandler</a> <a href="https://github.com/jembi/openmrs-module-shr-contenthandler">https://github.com/jembi/openmrs-module-shr-contenthandler</a> <a href="https://github.com/jembi/openmrs-module-shr-odd">https://github.com/jembi/openmrs-module-shr-odd</a>
Interoperability Layer Community	The OpenHIM reference application is made up of 2 components: <a href="http://www.openhim.org">http://www.openhim.org</a> OpenHIM-core server OpenHIM admin console UI

# Get involved

If you would like to discuss a project or join a community, get in touch with us. The OpenHIE community is excited to assist implementations of all sizes to develop the resources and skills to manage and connect their health systems. We listen, we build local capacity, and we help deliver the systems local experts need. But we can't do it alone. We need your help to understand local requirements, provide solutions, and advocate for our strategy. Introduce yourself and get started today, ask a question, or jump straight into a sub-community.

## OpenHIE Community

- Community Google Group  
[\[https://groups.google.com/forum/#!forum/openhie-announcements\]](https://groups.google.com/forum/#!forum/openhie-announcements)
- Direct enquires: [info@ohie.org](mailto:info@ohie.org)
- OpenHIE Subcommunities: <https://wiki.ohie.org/display/SUB/Home>
- OpenHIE Mailing Lists:  
<https://wiki.ohie.org/display/resources/Mailing+Lists>

Websites and Wiki

<http://www.ohie.org> | <http://wiki.ohie.org>

# OpenHIE Implementers Network

The **OpenHIE Implementers Network (OHIN)** is a forum dedicated to bringing countries and implementers who are working in some of the most challenging environments on the planet together to share questions, problems and ideas so we can work on solutions together.

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<https://wiki.ohie.org/display/SUB/OpenHIE+Implementers>



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