

AIR TECHNICAL SETUP SUMMARY

Last Review: Mar 2024

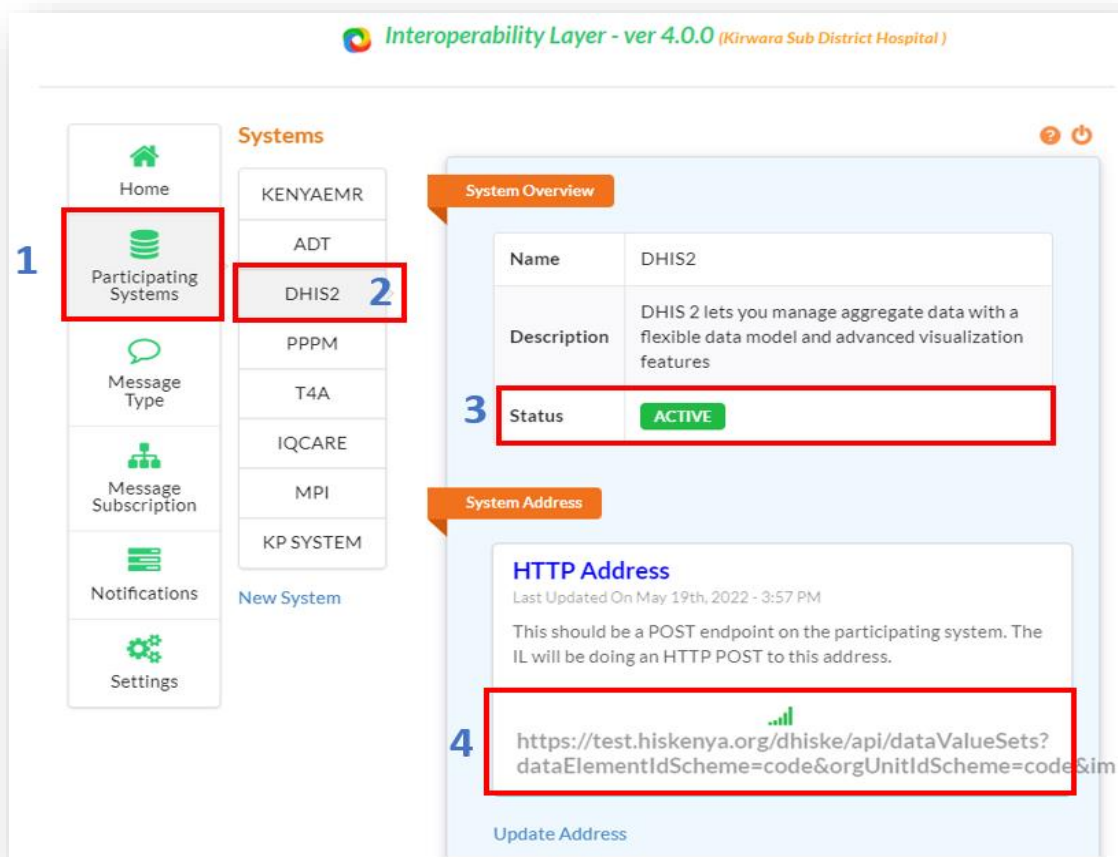
Objective: This user guide provides a summarized procedure for setting up AIR at a facility.

Prerequisite:

- Functional and correctly configured IL instance (Refer to [this guide](#) on how to setup and configure IL)
- Internet connectivity
- Accurate data / report

Part A: IL is already configured for AIR

- i. Log into IL instance
- ii. Under participating systems (1), check to ensure DHIS2 (2) is active as a participating system (3).
- iii. Check that system address (end point) is specified under System Address (4) as shown below;



Interoperability Layer - ver 4.0.0 (Kirwara Sub District Hospital)

1 Participating Systems

Systems	
KENYAEMR	
ADT	
DHIS2 2	
PPPM	
T4A	
IQCARE	
MPI	
KP.SYSTEM	

3 System Overview

Name	DHIS2
Description	DHIS 2 lets you manage aggregate data with a flexible data model and advanced visualization features
Status 3	ACTIVE

4 System Address

HTTP Address
 Last Updated On May 19th, 2022 - 3:57 PM
 This should be a POST endpoint on the participating system. The IL will be doing an HTTP POST to this address.

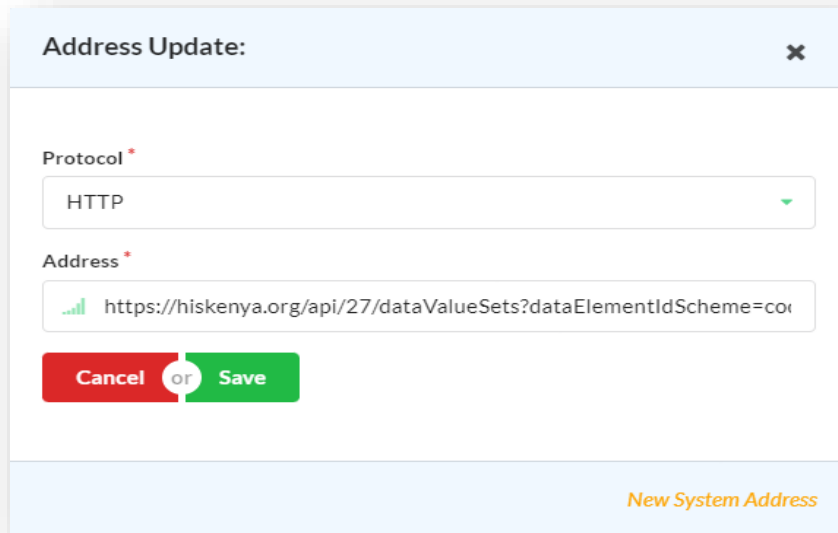
4 <https://test.hiskenya.org/dhiske/api/dataValueSets?dataElementIdScheme=code&orgUnitIdScheme=code>

Update Address

Part B: No configuration is available for AIR

Steps:

- Login to IL instance
- Navigate to Participating Systems
- Click DHIS2 option (under Systems)
- Under Systems Address, click Update Address. The following window will come up.



Address Update: [Close]

Protocol *

Address *

or

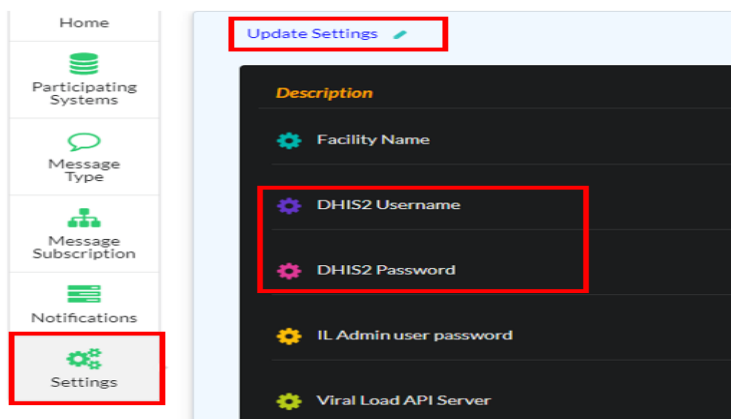
New System Address

- Select HTTP as Protocol,
- Copy and paste this address under Address.
https://hiskenya.org/api/dataValueSets?dataElementIdScheme=code&orgUnitIdScheme=code&importStrategy=CREATE_AND_UPDATE&dryRun=false&datasetAllowsPeriods=true&strictOrganisationUnits=true&strictPeriods=true
- Click Save.

Part C: Setup user credentials for DHIS2:

Steps

- Navigate to Settings and click Update Settings as shown:



Home

- Participating Systems
- Message Type
- Message Subscription
- Notifications
- Settings**

Update Settings [Edit]

Description

- Facility Name
- DHIS2 Username**
- DHIS2 Password**
- IL Admin user password
- Viral Load API Server

- Setup up DHIS2 Username and DHIS2 Password as shown below.

NB: The username and password should be valid for your facility. If not available, contact your local HRIO or sCHRIO for assistance on obtaining the valid credentials.

Part D: Linking up KenyaEMR3.x with IL.

Steps:

- Log into KenyaEMR3.x as Admin
- Navigate to the developer tab. Then to legacy admin UI.
- Look for the maintenance part where you will see advanced settings. Once in the advanced settings search and fill the following global parameters:
 - o `ilServer.address` : `http://localhost:9721/api/` (Replace "localhostIP" with the correct IP address of the machine hosting IL instance)
 - o `facility.mflcode` : facility MFL code. If it is not there then Scroll to the bottom of the page and click on add property.
 - o Two rectangular text boxes will appear.
 - o On the text box that is on your left type in **facility.mflcode** and on the right enter the actual MFL code.

<code>ilServer.address</code>	<code>http://localhost:9721/api/</code>
This is where IL Outbox messages will be routed to	
<code>facility.mflcode</code>	13258

Test the configurations:

- Log into KenyaEMR3.x
- Extract MoH 731 Report for the last month
- View report as ADX format
- Check to see if the IL Server address is prefilled as shown below.
- Try submitting data.

ADX Message for MOH 731

Reporting Date

Start Date: 2022-03-15

End Date: 2022-06-15

Server Settings

IP Address/URL:

Edit

Show/Hide Message

Submit Message

NOTE:

If you get error while submitting the data, this can be as a result of:

- Lack of internet connectivity
- Wrong DHIS end-point configurations on IL
- Wrong ilServer API configuration on KenyaEMR3.x
- Wrong headers on the ADX payload (this is very rare)

Check through the above as you eliminate each.

Further support

If in need of additional support, please contact us on the following toll-free line: [0800722440](tel:0800722440)

THE END