SOP: Kisumu HIE Integration with TaifaCare(Powered by KenyaEMR)

[Last update: Feb 2026]

TASK:	Setting **Kisumu HIE Integration with TaifaCare(K)**
OBJECTIVE:	To facilitate exchange of information/data between Kisumu HIE and TaifaCare(K)
WHO:	Facility System Admin, Partner supporting site HIS staff
REQUIREMENTS:	Functional TaifaCare, RMS Module

Background:

Palladium, in collaboration with PharmAccess, has been spearheading efforts to enable seamless data exchange between TaifaCare and the Kisumu Health Information Exchange (HIE). The goal is to ensure that patient information captured in TaifaCare can be securely shared and accessed across other EMRs within the County, such as Wonder4Health EMR.

This integration is designed to improve continuity of care: when a patient is seen at one facility using a particular EMR and later visits another facility running a different EMR, the receiving system will be able to pull the patient's data directly from the Kisumu HIE. The shared dataset is currently limited to MNCH-related information, specifically:

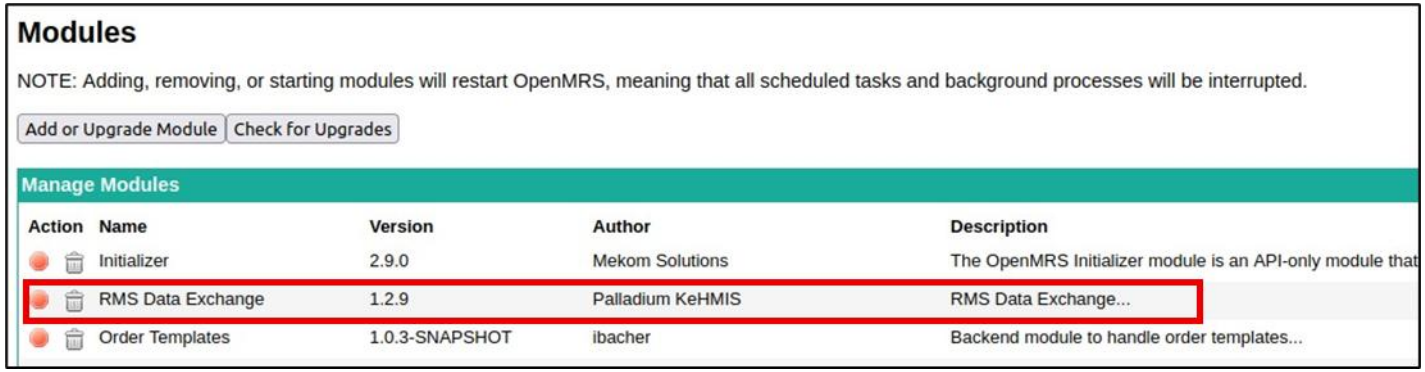
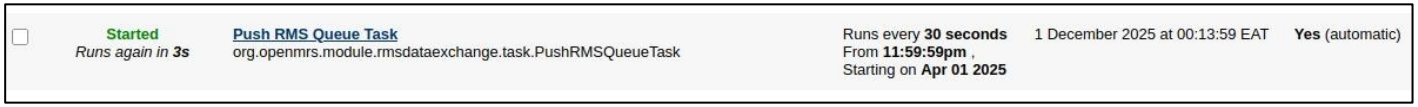
- Demographic details
- Maternal profiles

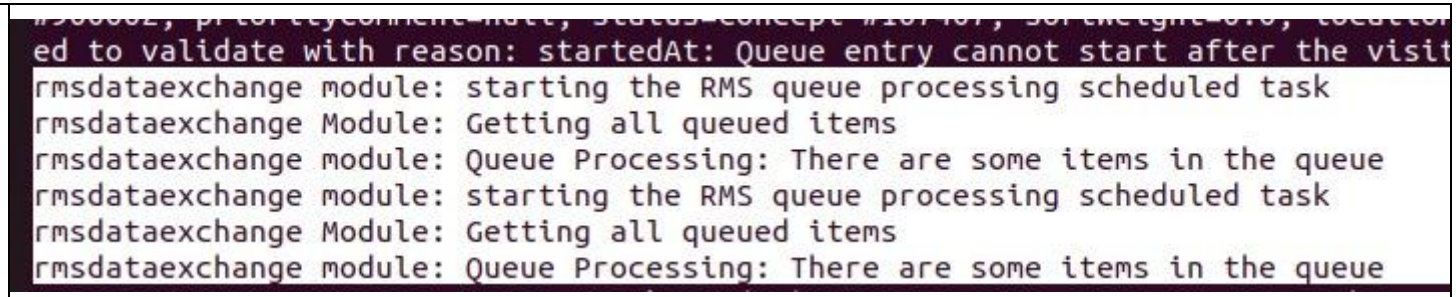
By centralizing this information, the initiative reduces duplication of work, particularly at Maternal and Child Health (MCH) clinics where providers often face the burden of double entry across multiple systems. Ultimately, this strengthens interoperability, enhances efficiency, and supports better patient outcomes across the County

Deploying RMS Integration Module in TaifaCare

Deployment of the RMS module: Obtain the RMS Integration Package from Palladium KeHMIS and extract it to your home directory

1. Access the directory as show: **Steps:** • Confirm that the rmsdataexchange-1.2.9.omod is available • Copy the **omod** file to the modules directory as shown • Assign necessary rights and ownership to the file	
3. Update the global properties end points **Steps:** - Login to MySQL and set current database to openmrs - Run these **scripts to** update global properties end points - Run the last script to delete rms Liquibase	UPDATE openmrs.global_property SET property_value = 'kenya-emr' WHERE (property = 'rmsdataexchange.hiecr.integration.username'); UPDATE openmrs.global_property SET property_value = 'dydKue6YS7w35SV' WHERE (property = 'rmsdataexchange.hiecr.integration.password'); UPDATE openmrs.global_property SET property_value = 'IntellisoftKisumuClinic' WHERE (property = 'rmsdataexchange.hiecr.integration.facilityName'); UPDATE openmrs.global_property SET property_value = 'https://hie.kisumu.go.ke/api/client-registry/v1/Patient' WHERE (property = 'rmsdataexchange.hiecr.integration.endpoint'); UPDATE openmrs.global_property SET property_value = 'true' WHERE (property = 'rmsdataexchange.rms.integration.enabled'); UPDATE openmrs.global_property SET property_value = 'true' WHERE (property = 'rmsdataexchange.hiecr.integration.enabled');

– Restart tomcat9 when done – Confirm that the module is running	UPDATE openmrs.global_property SET property_value = 'true' WHERE (property = 'rmsdataexchange.hiemch.integration.enabled'); DELETE FROM liquibasechangelog WHERE id like 'kenyaemr_rms%'; **sudo service tomcat9 restart** 
4. Set RMS Scheduler parameters On the OpenMRS Admin panel, locate the Schedule as shown and click **Manage Scheuler**. This will open the Scheduler Management panel. Set the frequency and start the scheduler	

5. Workflows: Test procedure i) Select a pregnant woman ii) Start visit iii) Fill a clinical encounter (to create encounter and observation) iv) Checkout patient **Note:** Checkout observe logs	 On the terminal type to view logs: ***tail -f /var/lib/tomcat9/logs/catalina.out***

**********THE END**********