

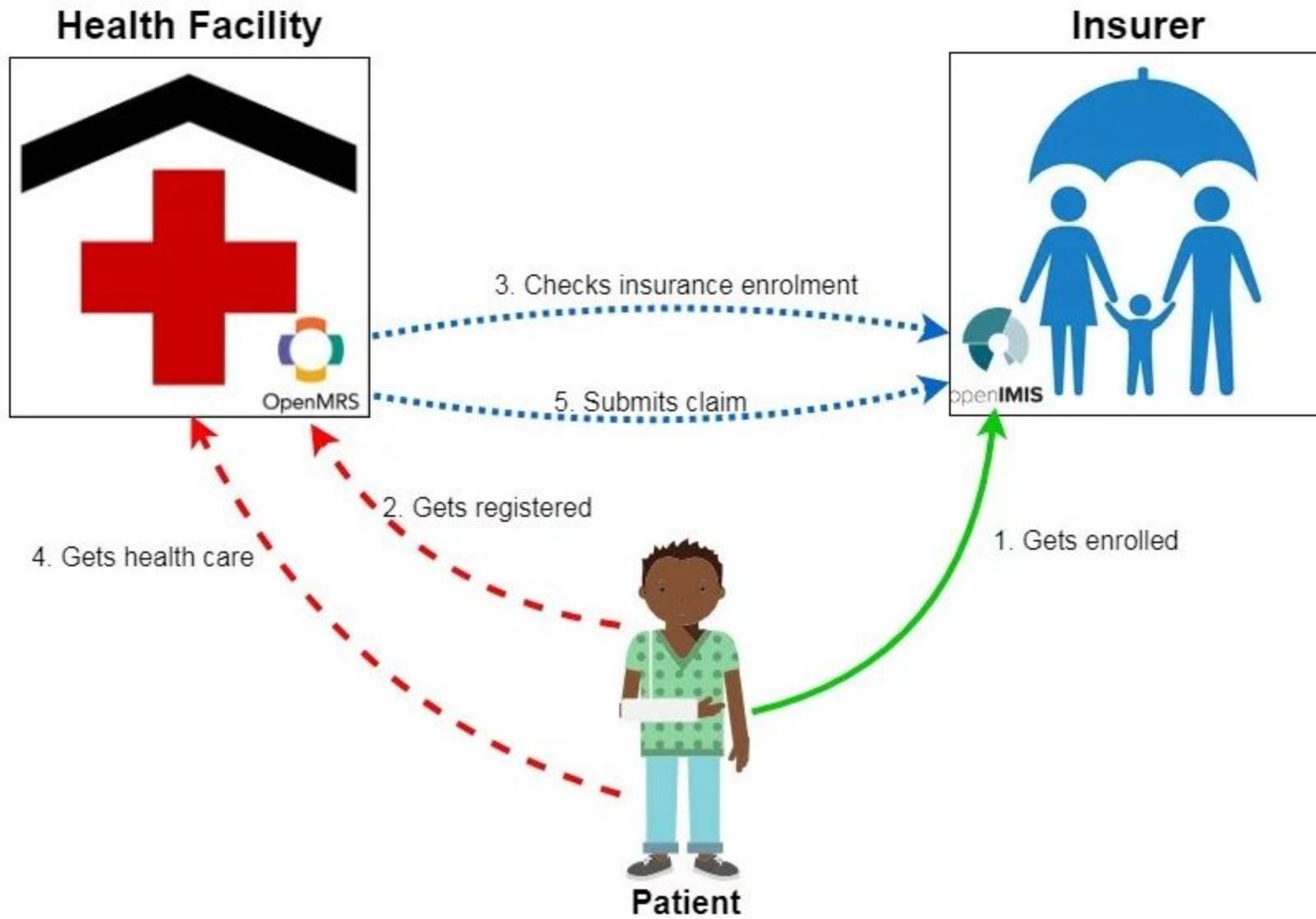
HEALTH  
insurance



Accessible, Quality healthcare in Africa

Quality and Accessible Healthcare for all in Kenya and Africa as a whole

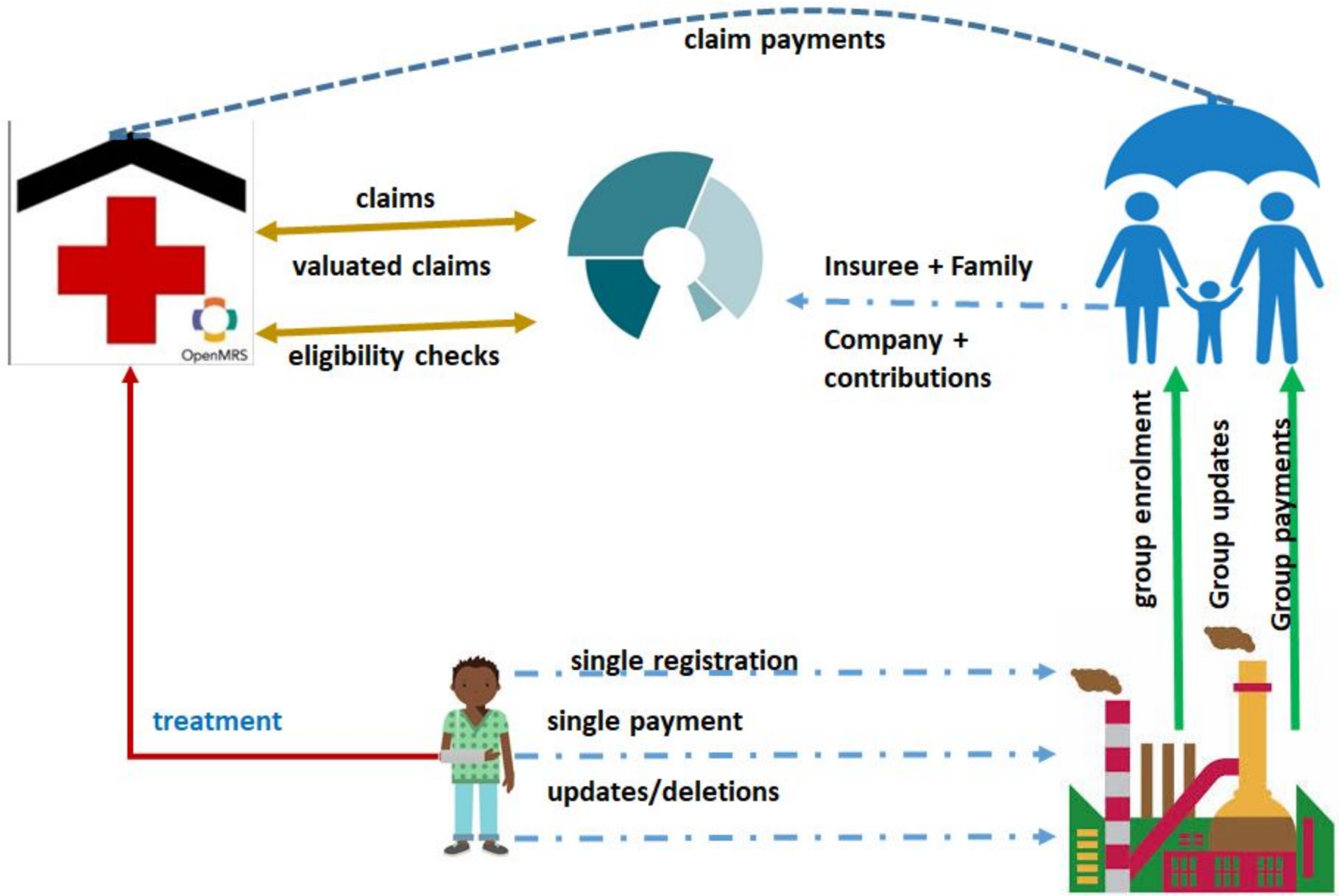
# Current Informal Sector



# OpenMRS + Odoo + Bahmni

The screenshot shows the OpenMRS web application interface. At the top, there is a dark green navigation bar with the OpenMRS logo on the left, the user name 'admin' in the center, and the location 'Pharmacy' and a 'Logout' button on the right. Below the navigation bar, a green banner contains an information icon and the text 'Please tell us about your installation for the OpenMRS Atlas' with a 'Configure Atlas' link. Underneath, it says 'Logged in as Dani Rushila (admin) at Pharmacy.' The main content area features a grid of ten functional buttons: 'Find Patient Record' (magnifying glass icon), 'Active Visits' (calendar icon), 'Register Patient' (person icon), 'Register a patient' (person icon), 'Capture Vitals' (heart with pulse icon), 'Appointment Scheduling' (calendar icon), 'Reports' (document icon), 'Import Patient' (person icon), 'Data Management' (server icon), and 'Configure Metadata' (stack of papers icon). A 'System Administration' button with a gear icon is located at the bottom left of the grid.

# Current Formal Sector



Current SOSYS & OPENIMIS Task Management

SOSYS/NHIF/Tz NHIF



- Employer/Company Registration
- Employee & Families
- Payment Contributions
- Policy Management
- Eligibility Management
- Valuated Claims
- Claims Payment Notifications

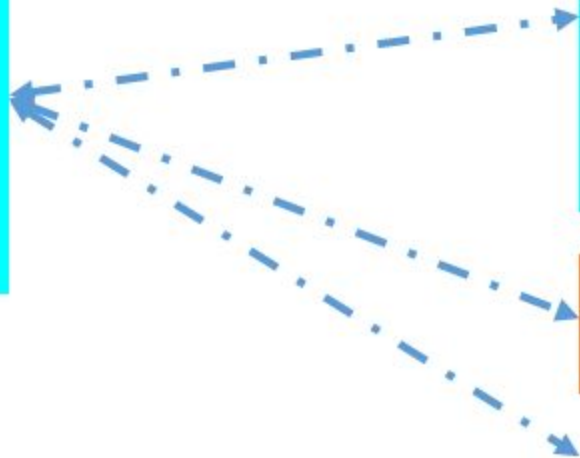


openIMIS

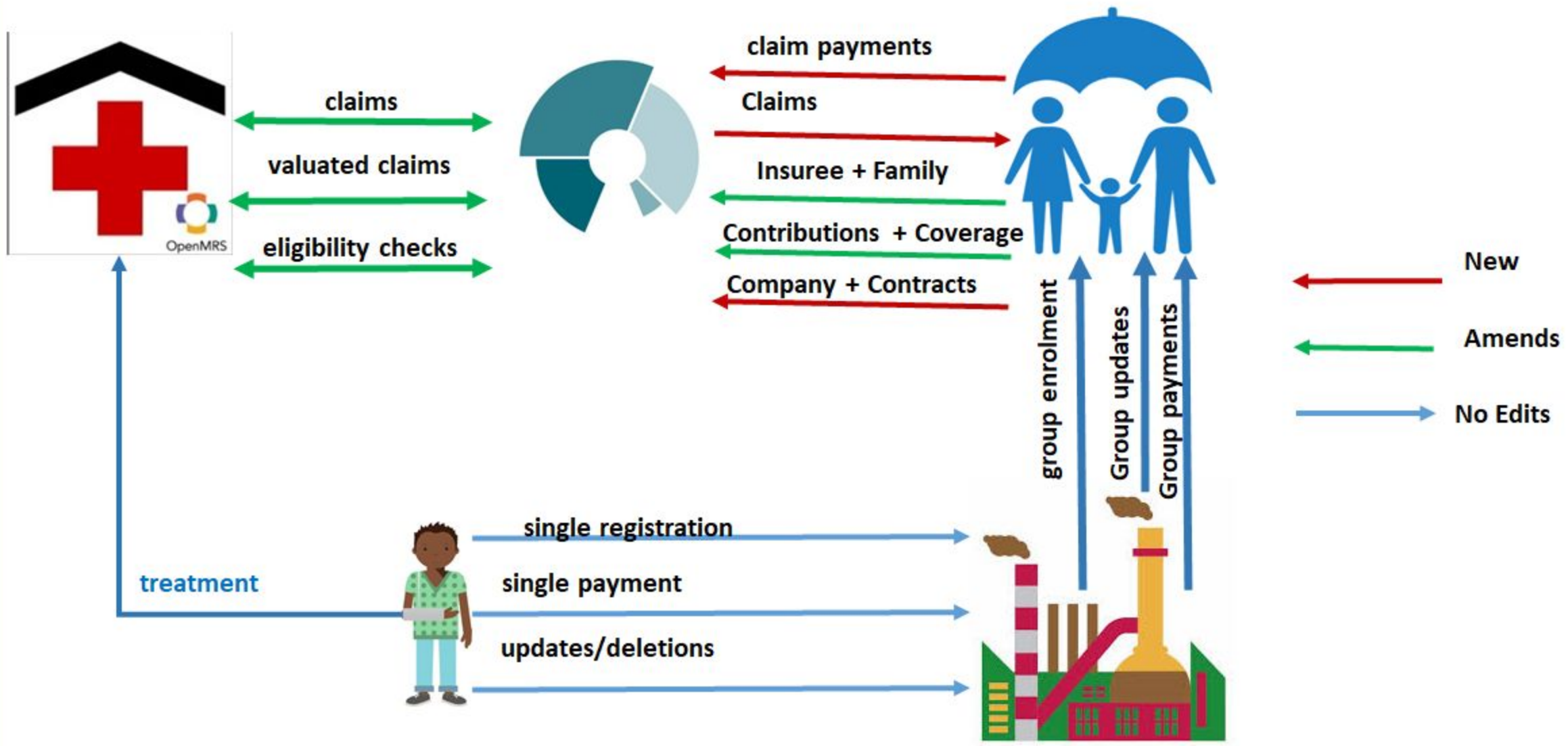
- Payer Registration
- Employer Creation
- Product Creation - Scheme & Plans
- Employee & Family creation
- Employee Balances
- Medical Benefit History
- Provider Network Management

- Claims Management
- Valuated Claims (Currently Reports)

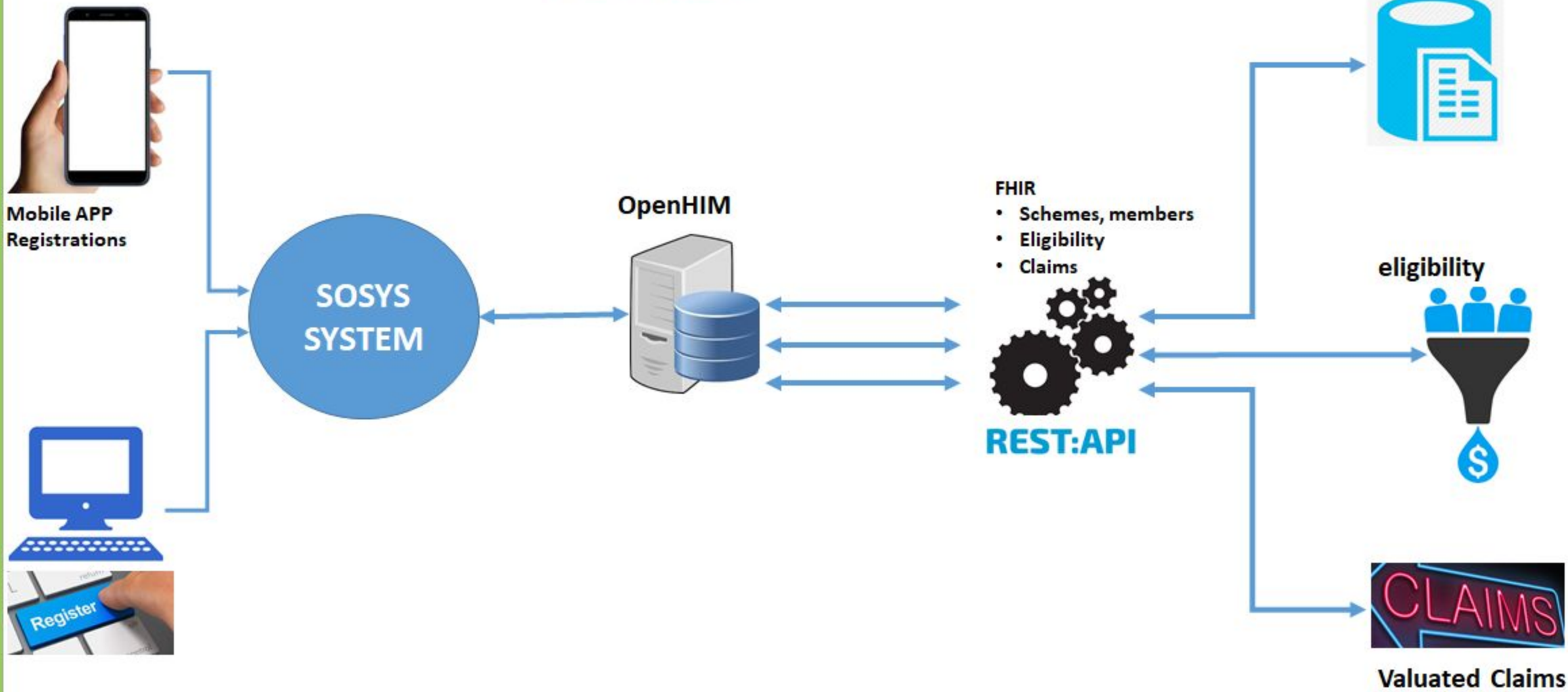
- Eligibility Management



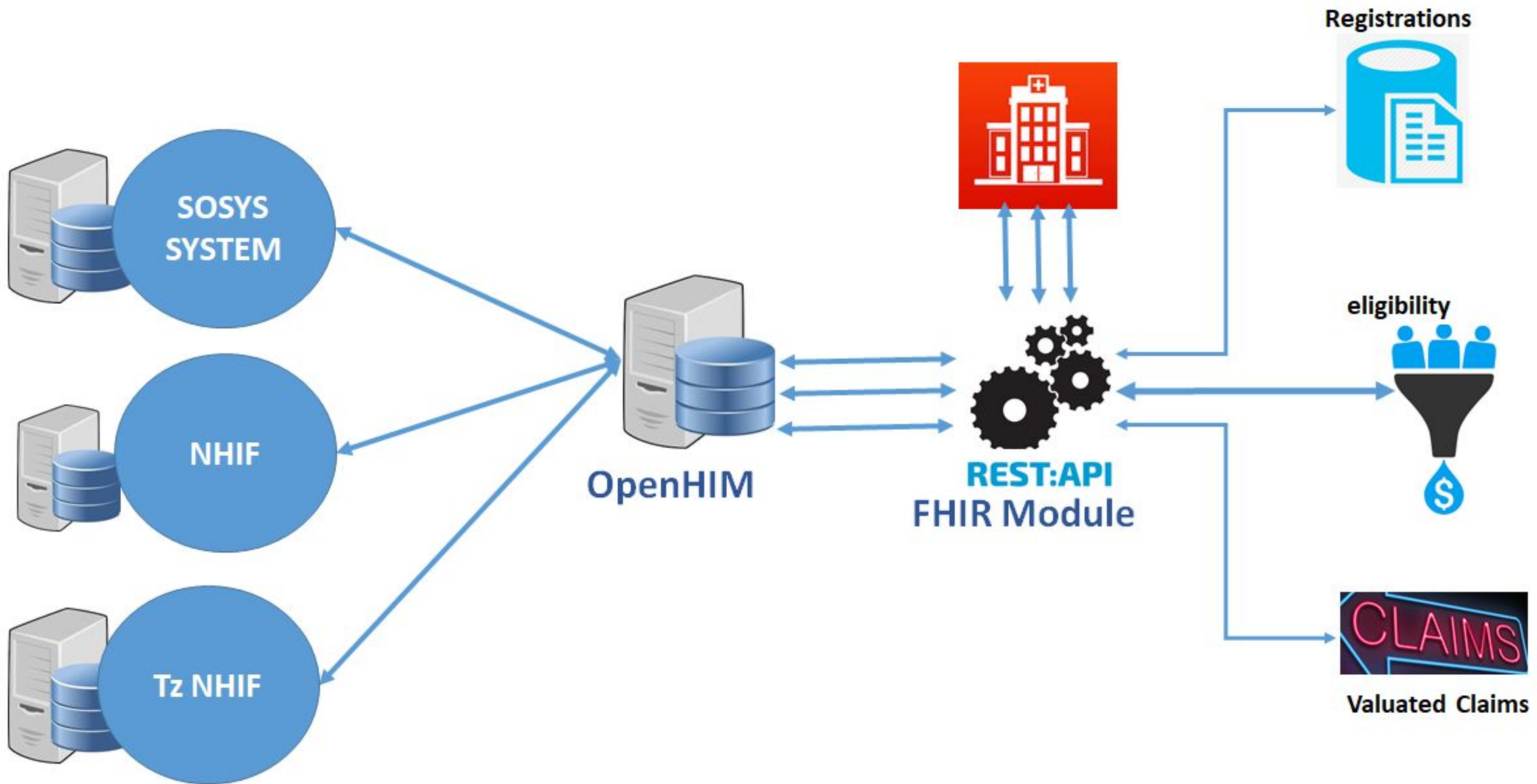
# Proposed Healthix Changes on Formal Sector



# Architecture

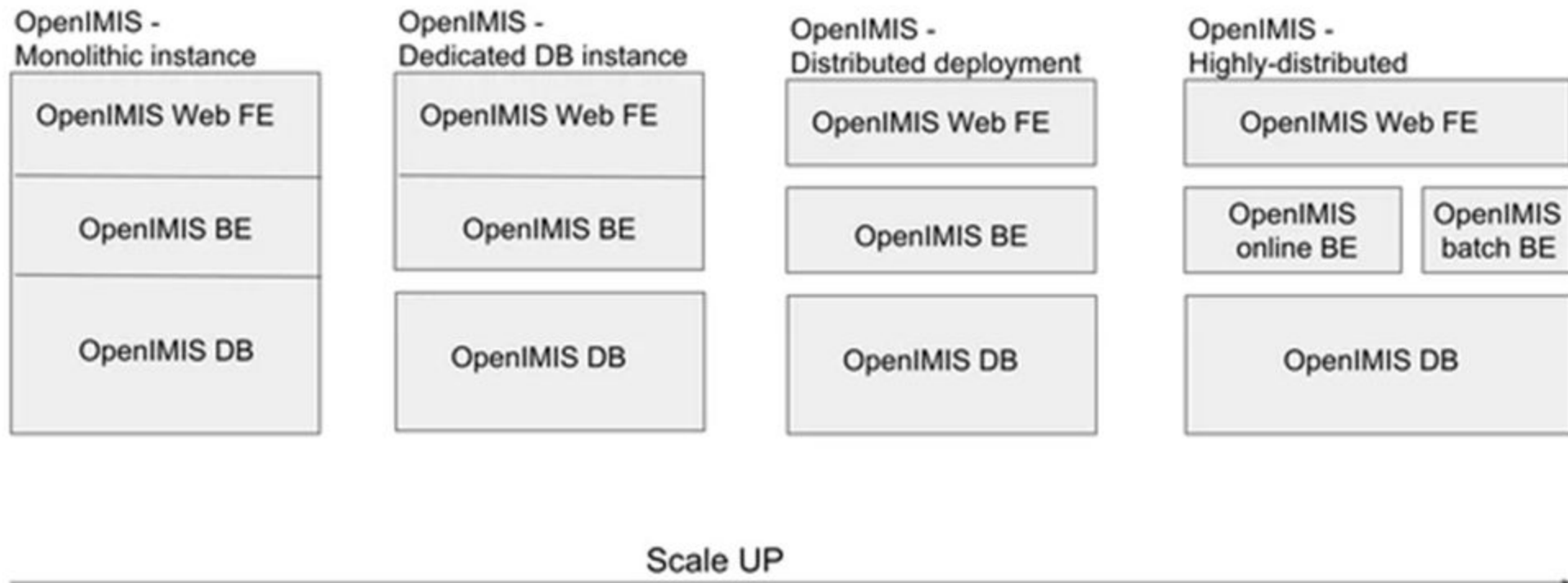


### Architecture for Multiple Insurers

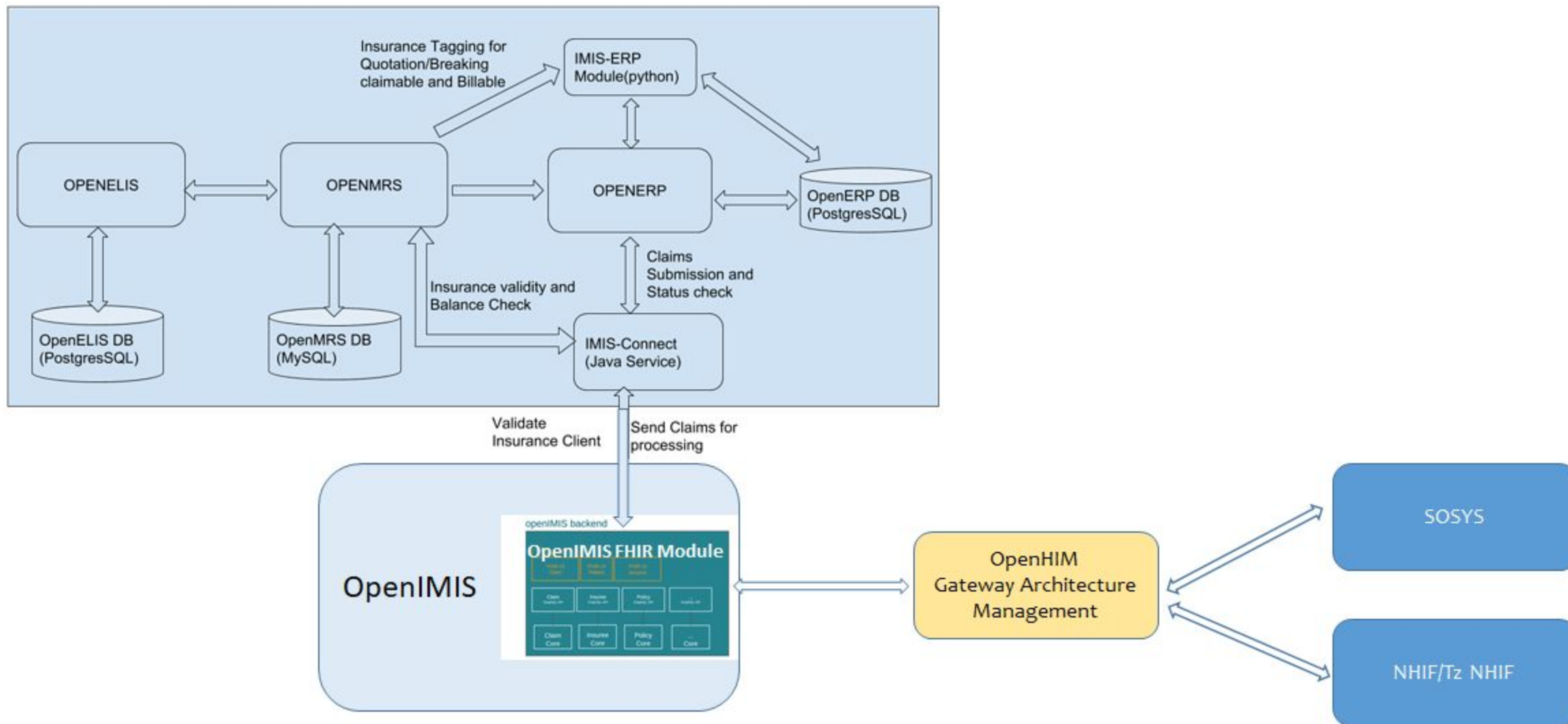




## Modularization of OpenIMIS Project

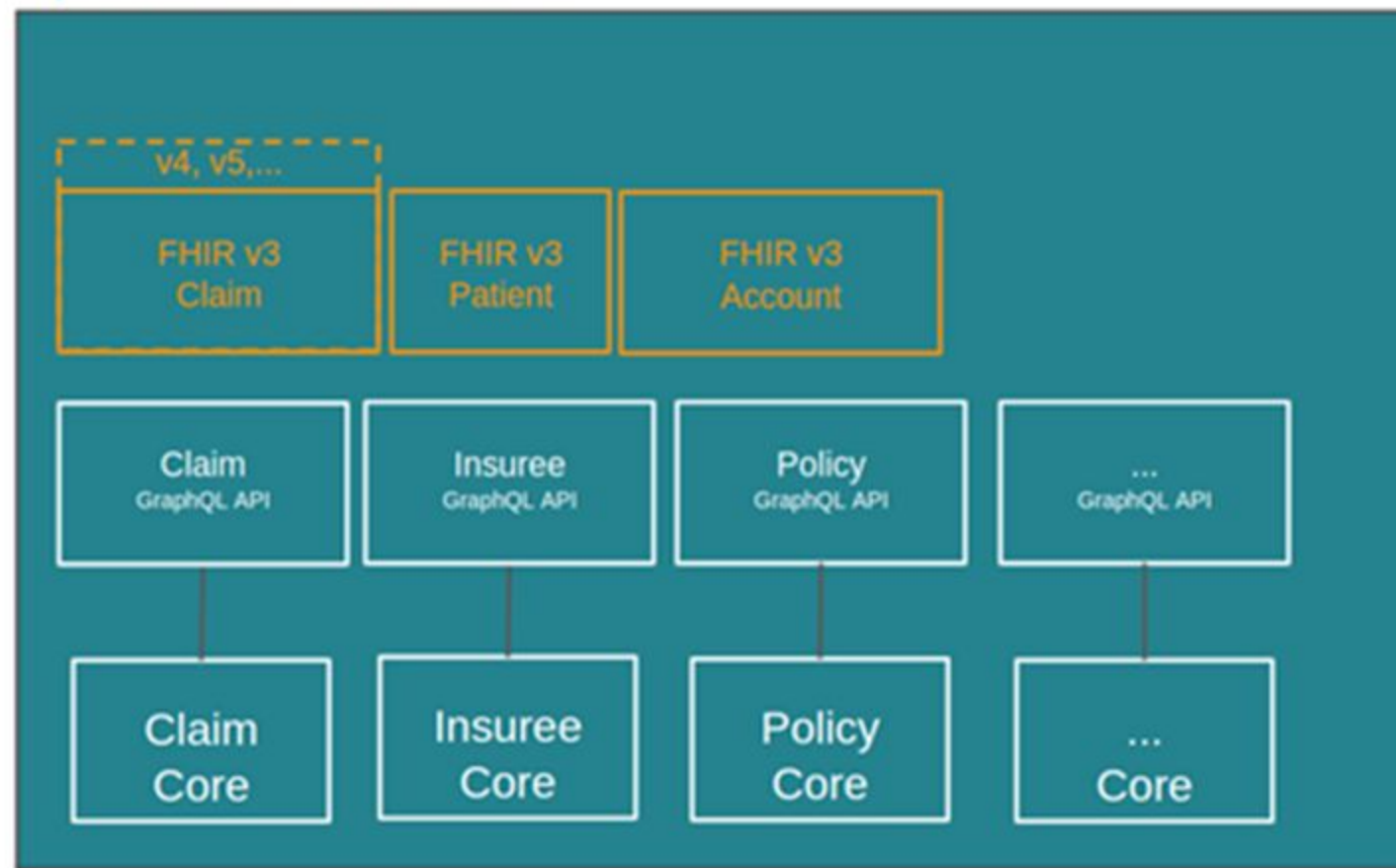


# FHIR Module (SolDevelo + Rest C# Extension)



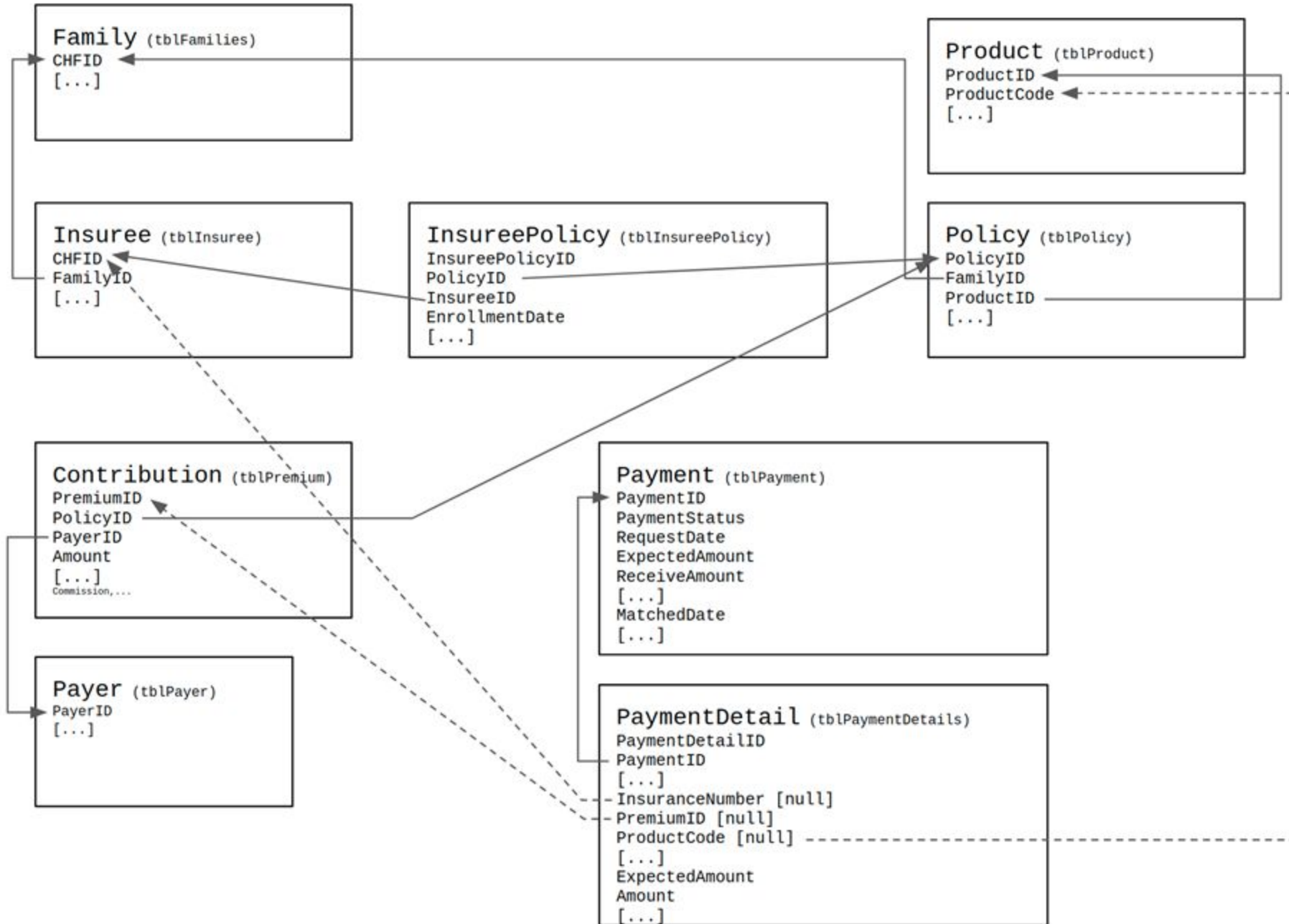
- FHIR Module being redesigned from Monolithic to service focused.

### openIMIS backend



- FHIR Resources to Develop
  1. **Organisation + Contract**
  2. **person**
  3. **Contributor + contribution**
  4. **Coverage**
  5. **InsurancePlan**
  6. **Account**
  7. **PaymentNotice**
  8. **Patient eligibility**
  9. **Claim**
  10. **Valuated Claim**

# registration of employee + family + Coverage (informal)



## FHIR APIs

- Missing Company/ Employer
- Missing Policy Registration from SOSYS

## Services

- Missing Batching
- Scheduler

(Proposed Celery)

# Company/ Employer / Contract/ Coverage

Currently Being handled by the Rest-C# API

SOSYS/NHIF/Tz NHIF



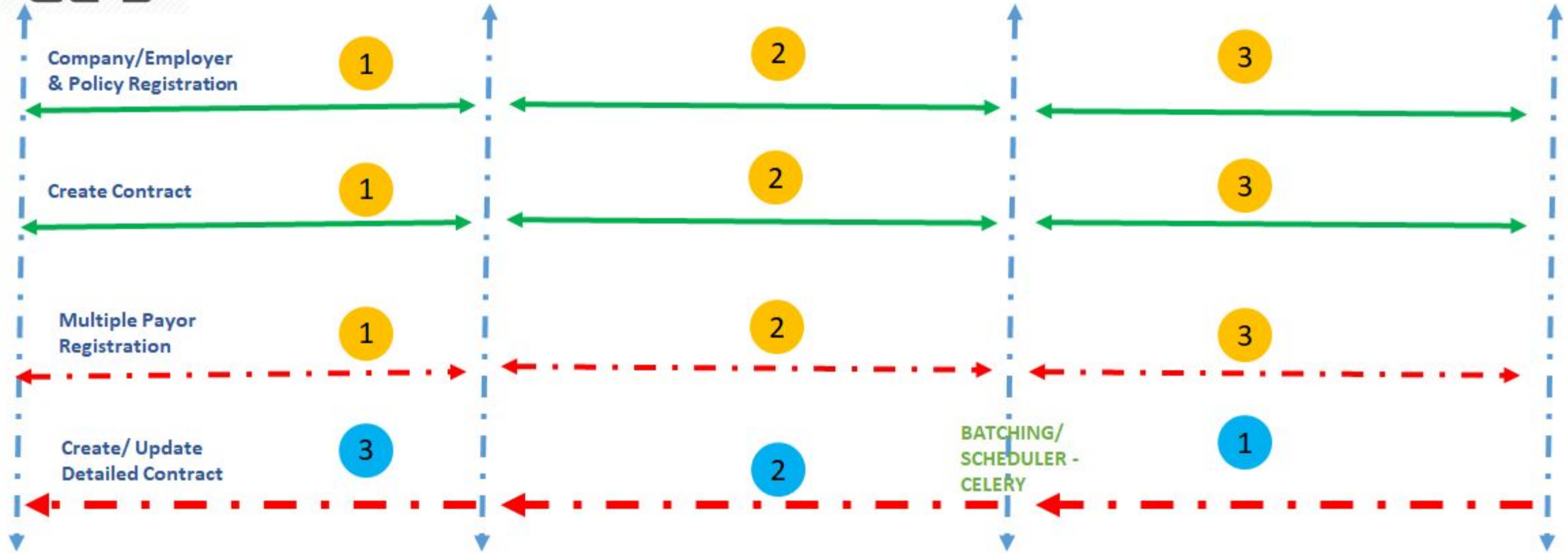
OpenHIM



REST:API



healthix single/batch registration API

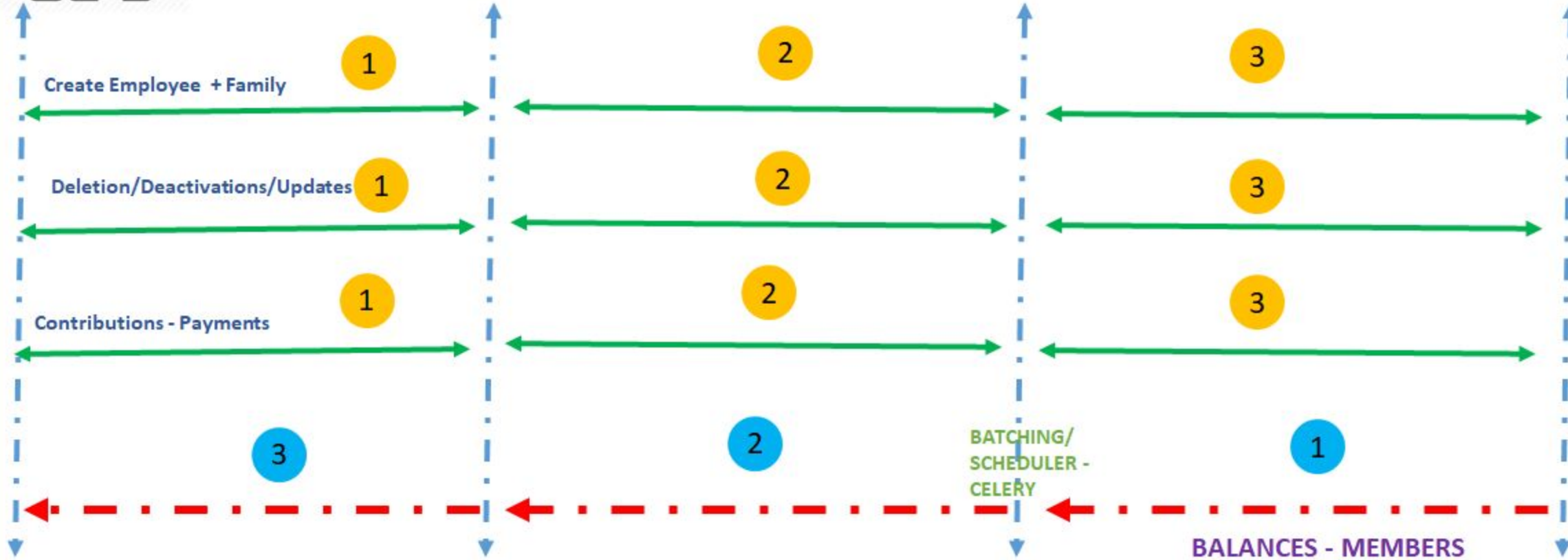


# registration of employee + family

SOSYS/NHIF/Tz NHIF



healthix single/batch registration API



# eligibility checks

healthix single/batch registration API

SOSYS/NHIF/Tz NHIF



REST:API



openIMIS



REST:API



Providers



## Healthix-Proposed Deliverables

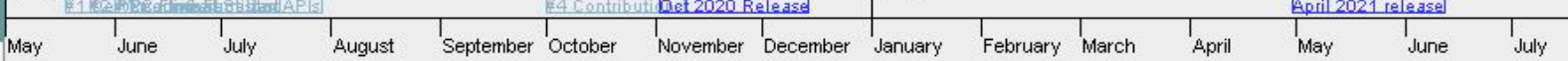
	30th Sept 2020	30th Nov 2020	Phase 2
SOSYs/ Insurers	Company + Contract + Coverage		Balances Updates to SOSYS
	Insuree + Family + Contributions		Claims Payment
	Claims + Valuated Claims		
OpenHIM		RestAPI	Multiple Payers (Insurers)
		FHIR Integration	
OpenIMIS	FHIR R4 Upgrades		Detailed Products/Contracts
	Insuree + Family + Contributions		
	Company + Contract + Coverage		
OpenMRS			Eligibility to Insurance
			Authorisation Transactions





2020

2021



Name	Begin date	End date
• T1 SwissTPH - Release	4/30/19	4/29/20
• 2020 T1 Maintenance & Release	3/4/19	1/24/20
• C1 Soldevelo - OpenMRS Integration	10/1/18	12/6/19
• C1 PossibleHealth - Bahmni Integration	3/1/19	11/15/19
• C1 HISP India - DHIS2 Integration	3/4/19	11/25/19
• 2020 T1 Maintenance & Release	11/2/20	4/29/21
• Oct 2020 Release	11/2/20	11/2/20
• April 2021 release	4/30/21	4/30/21
• D1 BlueSquare	5/18/20	2/15/21
• WP1 Beneficiary Enrollment Workflow	5/18/20	2/15/21
• #1 Dev Readiness	5/18/20	5/22/20
• #2 Persons & Families	5/25/20	8/28/20
• #3 Policies	9/1/20	11/13/20
• #4 Contributions	10/1/20	1/29/21
• #5 finalisation	1/4/21	2/15/21
• D1 formal sector SwissTPH & Soldevelo	6/17/20	6/16/21
• contract start	6/17/20	6/17/20
• "Policy Holder"[employer] module	8/18/20	11/13/20
• "Contribution collection" [contribution] module	1/18/21	4/15/21
• "Policy Holder" [employer] portal	3/19/21	6/16/21
• "contribution plan and bundle" [product price] ...	7/17/20	10/14/20
• Profile module Migration	9/15/20	12/11/20
• "Calculation rules" module	6/17/20	9/14/20
• D1 SwissTPH - AI Claim Categorisation	6/15/20	2/26/21
• WP1 Research	6/15/20	11/6/20
• WP2 Development	9/1/20	12/18/20
• WP3 Testing	1/4/21	2/26/21
• D1 Healthix	6/1/20	3/31/21
• WP2 Formal Sector APIs	6/1/20	3/31/21

Thank You  
Questions?