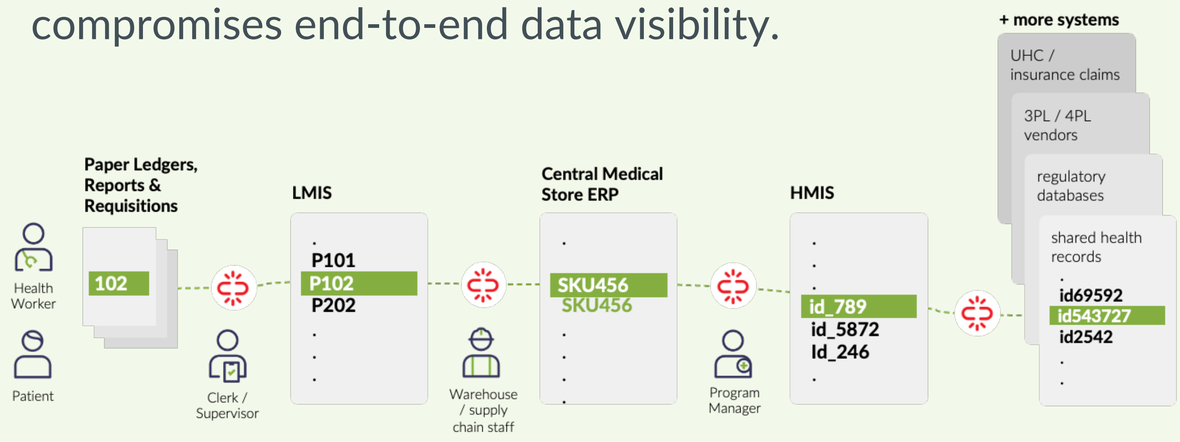
PCMT | Product Catalog Management Tool

The Product Catalog Management Tool (PCMT) is an **open-source**, **industry-based**, **web-enabled** tool designed for LMICs to **manage product data** and support **data governance** processes.

PCMT is recognized as a **Digital Public Good**, a **Global Good**, and an **OpenHIE reference technology**.

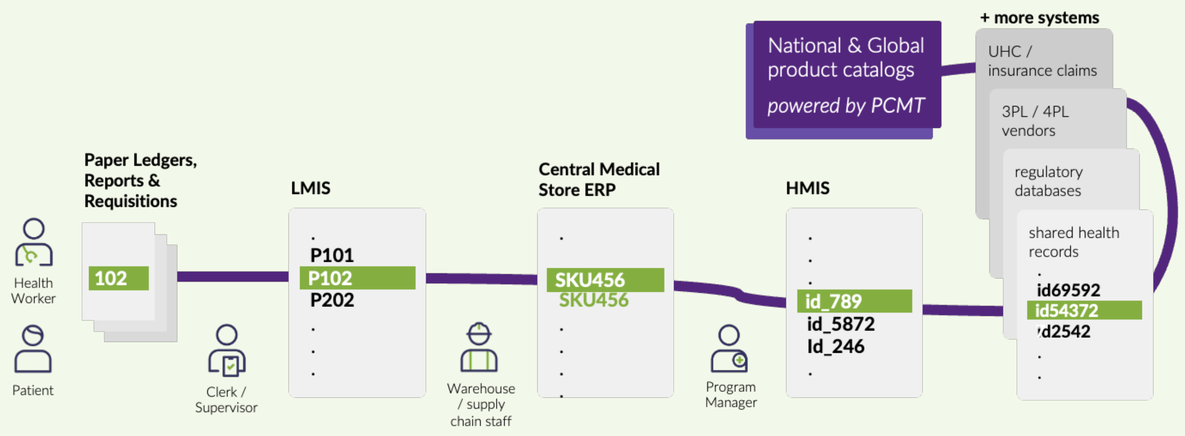
1 The Product Master Data Problem

Product master data management is a highly manual process that lacks consistent identifiers and interoperability, which compromises end-to-end data visibility.



The Solution 2

Product catalogs using **PCMT** to strengthen local data governance and define, manage, and publish product data.



3 Platform Features

- A simple user interface so many stakeholders can participate in data governance
- Role-Based Access Controls to support defined SOPs
- Simple versioning of product data & catalog publishing
- Workflow support for data curation processes
- Integrated support for open industry standards such as HL7 FHIR and GS1
- Support for categorizing products into many different systems (financial, procurement, clinical, etc.) enabling identification across systems

People & Processes 4

An effective National Product Catalog requires people and processes in addition to the **PCMT** platform:

- Standard Operating Procedures (SOPs) and for management tasks such as adding new products, data updates, archiving, auditing, and user management
- Strategy for managing data governance scope and roles and responsibilities (attributes, catalog organization and structure, classification, etc.)
- Regular schedule for curating, updating, and publishing the catalog

5 Benefits

Increased Supply Chain Efficiency

- ✓ Facilitates use of GS1 for product identification
- ✓ Enables end-to-end visibility

Improved Patient Safety

- ✓ Supports product verification
- ✓ Enables traceable, adverse event monitoring & response

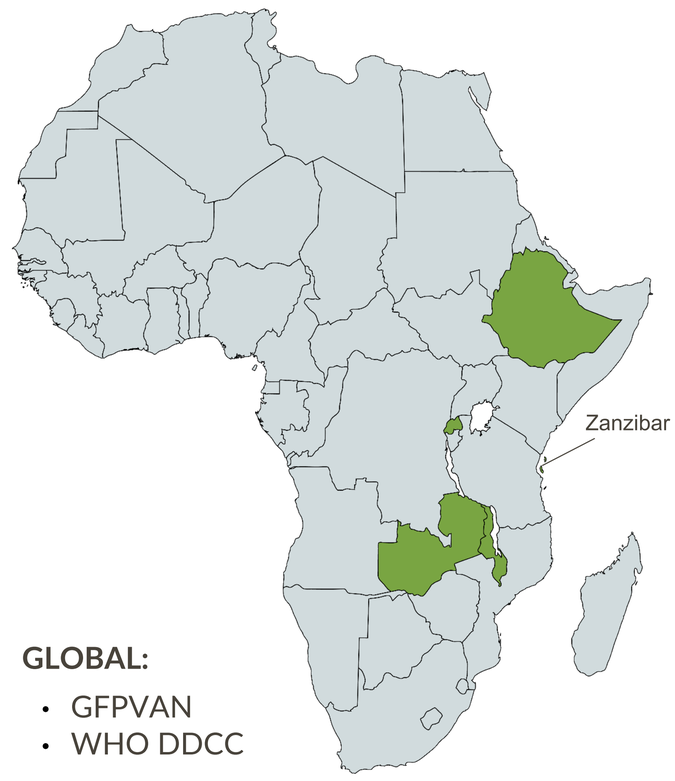
IT Efficiency & Sustainability

- ✓ Provides & facilitates interoperability
- ✓ Reduces burden of product catalog management

Increased Trust

- ✓ Provides a single source of truth
- ✓ Enables collaboration with multiple stakeholders

Current Implementations



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pcmt@villagereach.org

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