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The Power of Data-Driven Decision Making

OSPSANTE: A Tool for Tracking Health Commodities in Mali

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SIAPS
Systems for Improved Access to Pharmaceuticals and Services

Presenter

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Introduction

OSPSANTE is a web-based dashboard that provides an early warning system for key public health priority programs to support evidence-informed decision making in real-time regarding health commodities.

Priority programs include malaria, maternal and child health, family planning, HIV/AIDS, nutrition, and Ebola.

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Context and Challenges

- Unavailability of up-to-date and reliable pharmaceutical management information to support evidence-based decision making
- Poor coordination among key actors resulting in avoidable delays in critical supply chain-related decisions
- Frequent stock-outs of essential medicines and other life- saving commodities at health service delivery points
- Need for a functional electronic LMIS for timely data aggregation for decision making

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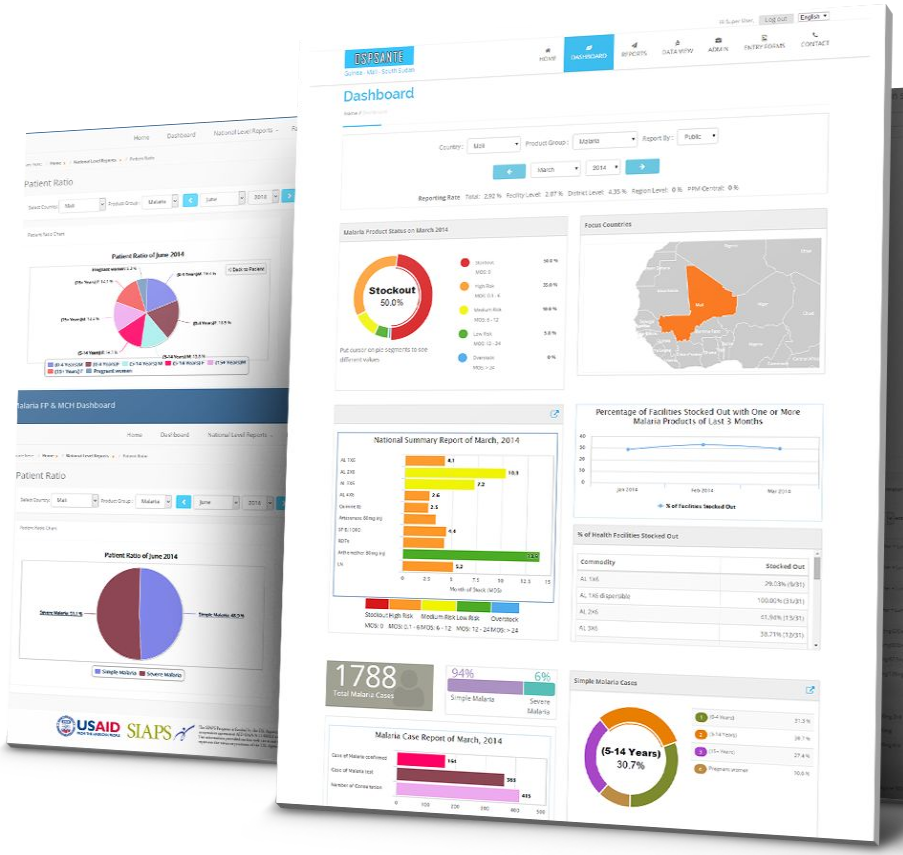
OSPSANTE.ORG



Logistics & patient information

Capture, track, aggregate & disseminate

Real-time data aggregation

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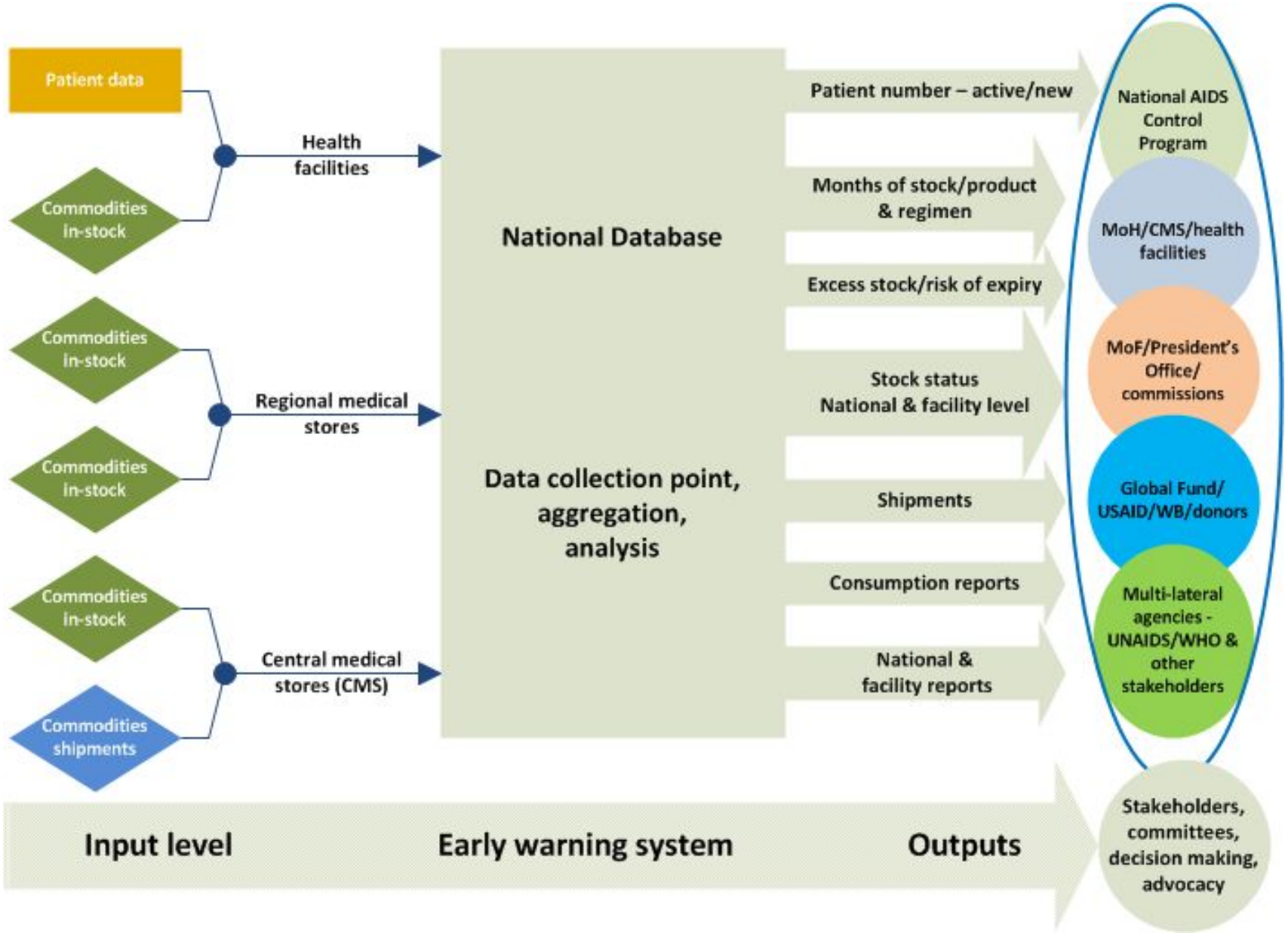
Conceptual Design



Benefits

- Improved planning for medicine distribution and prevention of stock-outs
- Easier collation of patient and commodity information on one platform
- Enhanced data analysis and reporting
- Adaptable to the current reporting system
- Easy and timely access to data and reports
- Enhanced coordination among key players
- Enhanced accountability
- Consistency in patient and commodity data
- Prompt management responses

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Achievements

- Rolled out and up-to-date in **50 of 60 health districts** in Mali
- Commodities data from **1,186 health facilities** collected from January 2014 to present
- **Frequency of reporting increased** from quarterly to monthly
- Monthly reporting rate **improved** from 53% in 2015 to 98% in 2017

- More **accurate forecasting** and **supply planning** of health commodities
- Redistribution of commodities between facilities to avert stock-outs and wastage
- OSPSANTE **monthly report** used during quarterly medicine committee meetings
- **Improved coordination among all partners**

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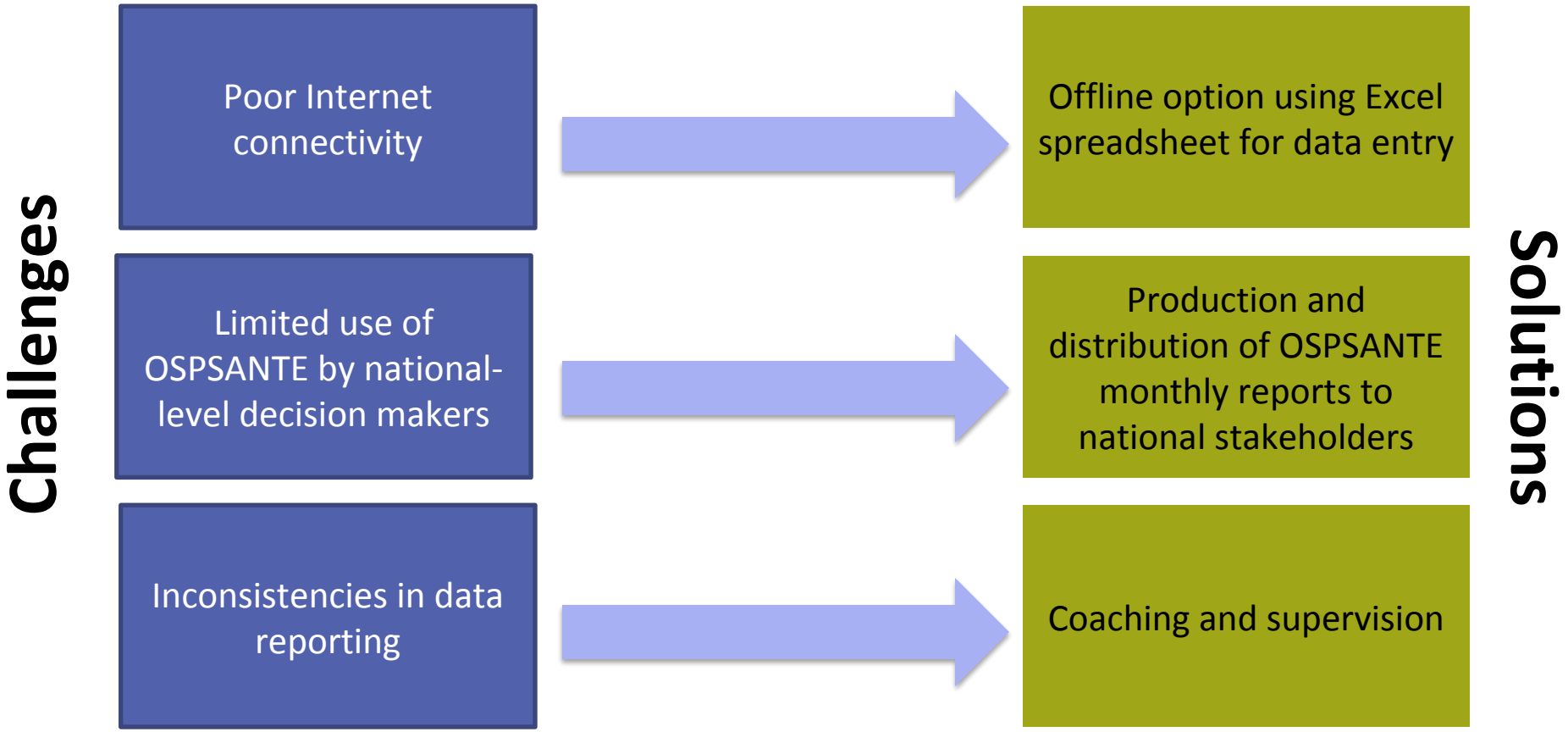
Challenges and Solutions



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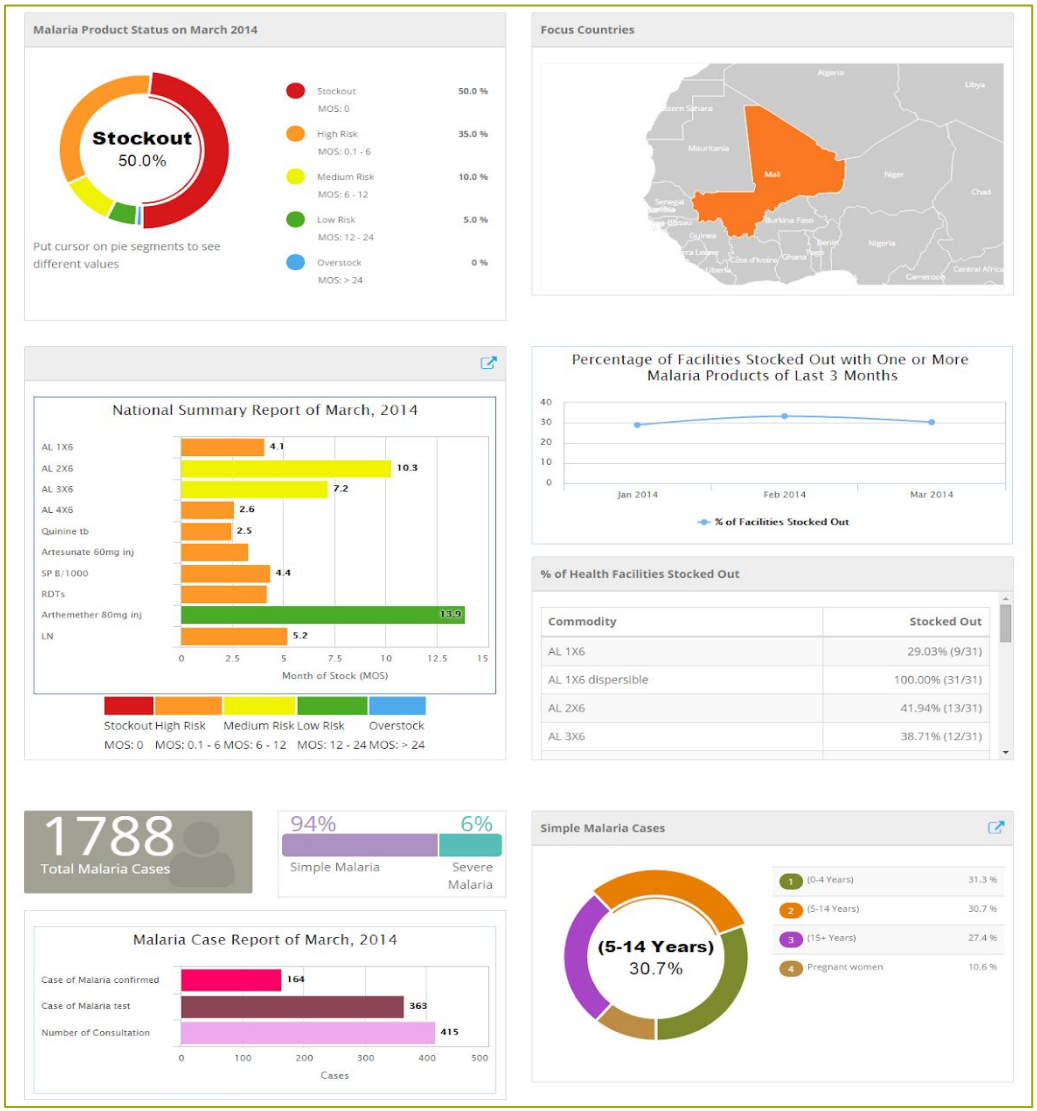
Reflections: The Dashboard



Data flow + reports

National level

Regional level

District level

Facility level

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Thank you

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