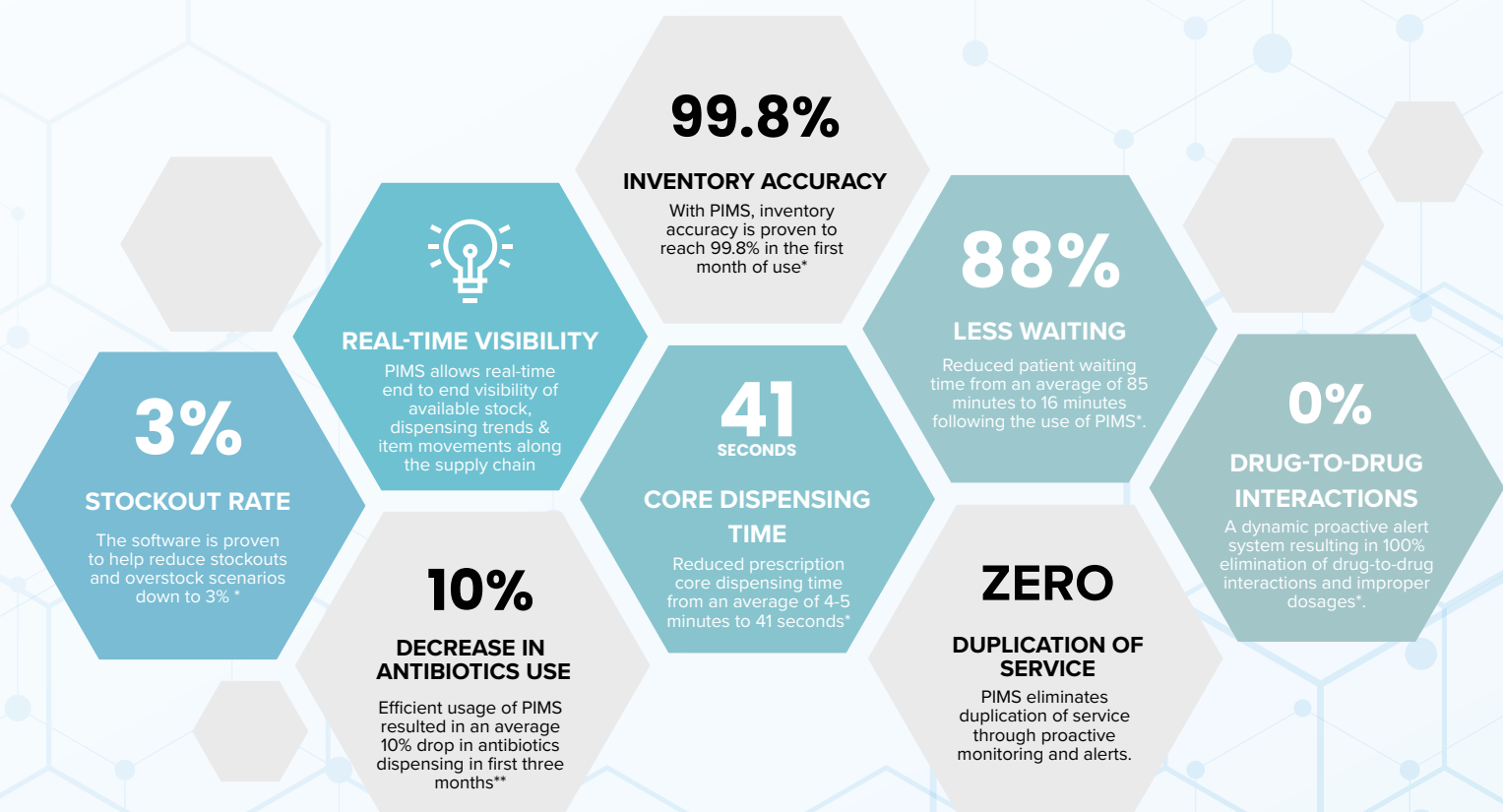# PIMS
Last Mile Made Easy

Last Mile Made Easy
Robust End-to-End Management & Control of Last Mile

International Medical Corps is at the forefront of healthcare digitization, with a robust dedication to technological progress. Within the organization, we have a diverse team of experts in health informatics, clinical practice, pharmaceuticals, supply chain management and IT. This dedicated team collaborates to create innovative solutions that enhance healthcare services in challenging environments. Working alongside various technical teams, they have successfully developed and implemented a comprehensive suite of customized systems, including health information, pharmaceutical, supply chain and telehealth solutions. These tailored innovations address the unique demands of service delivery in complex contexts, underscoring International Medical Corps' expertise and impact in the field.

Access to essential medicines and commodities in remote and low-resource settings, whether in development or emergency response, is critical. The need for standardized and adaptable systems to efficiently capture healthcare services & supply-chain data and convert it into actionable information is also paramount.

To address these issues, International Medical Corps has developed the Pharmaceutical Information Management System (PIMS), a customizable and flexible primary health, pharmacy and inventory management automation system designed for the last mile of the supply chain. PIMS enhances operational efficiency, controls costs and improves patient care by reducing paperwork for healthcare providers and maintaining optimal inventory levels, even in challenging environments.

The software is designed to capture key data at every level of the last mile of the supply chain, empowering users to make data-driven decisions and plan better. It provides unparalleled visibility, analytics, and optimization of supply chain management, both in desktop and mobile versions. It drastically reduces administrative and support costs by improving accuracy, limiting human errors, and maximizing resources. The application flags duplication of services, thereby reducing patient care costs and lowering operating margins. These efficiencies and cost savings can directly and positively impact targeted population.

99.8%
INVENTORY ACCURACY
With PIMS, inventory accuracy is proven to reach 99.8% in the first month of use*

REAL-TIME VISIBILITY
PIMS allows real-time end to end visibility of available stock, dispensing trends & item movements along the supply chain

88%
LESS WAITING
Reduced patient waiting time from an average of 85 minutes to 16 minutes following the use of PIMS*.

3%
STOCKOUT RATE
The software is proven to help reduce stockouts and overstock scenarios down to 3% *

41
SECONDS
CORE DISPENSING TIME
Reduced prescription core dispensing time from an average of 4-5 minutes to 41 seconds*

0%
DRUG-TO-DRUG INTERACTIONS
A dynamic proactive alert system resulting in 100% elimination of drug-to-drug interactions and improper dosages*.

10%
DECREASE IN ANTIBIOTICS USE
Efficient usage of PIMS resulted in an average 10% drop in antibiotics dispensing in first three months**

ZERO
DUPLICATION OF SERVICE
PIMS eliminates duplication of service through proactive monitoring and alerts.

* Impact in South Sudan
** Impact in Yemen

Why PIMS?
Maximal Efficiency, High Visibility & Tailored for Low Resource Settings

PIMS represents a pivotal leap forward in humanitarian aid and medical services, addressing the daunting challenge of 70% losses in the last mile of the supply chain for essential medicines. This meticulously crafted platform ensures efficient resource utilization, mitigating substantial losses and optimizing funding.

Seamlessly integrating logistics and supply-chain management with healthcare delivery, PIMS facilitates collaboration across disciplines, enhancing operations even in the most remote locations. Users of PIMS have dispensed millions of items in countries around the globe, managing diverse commodities—including pharmaceuticals, health supplies, vaccines and more—in resource-strapped areas.

The ability of PIMS to provide accountability and efficiency, dramatically improve aid delivery and change lives for the better have earned it the prestigious Lynn C. Fritz Medal for Excellence in Humanitarian Logistics (2023) and a recognition in 2022's Humanitarian Logistics Policy from the Directorate-General for European Civil Protection and Humanitarian Aid Operations (DG ECHO), underscoring its innovative use of digital solutions.

Maximal Accuracy & Visibility
Renders multi-location reports and stock status in real-time, enabling organizations to have timely access to information, minimize stockouts, prevent waste and manage their invetory efficiently.

Online & True Offline Capabilities
Capable of functioning as a cloud-based system or can function entirely offline, enabling organizations to quickly adjust to various operational environments.

Faster Pharmacy Operations
Reduces dispensing time by up to 88%, freeing up time for pharmacists to counsel patients and practice rational dispensing including pharmacovigilance.

Proactive Alerts System
Equipped with interactive dashboards and alert mechanisms that engage decision makers when needed through in-system alerts or SMS and email notifications.

Productivity Integrations
PIMS seamlessly connects with a diverse range of solutions and services, encompassing the management of cold chain items and the effective monitoring of logistics pipelines, leveraging real-time 4PL data.

Significant Reduction in Stockouts
Automates resupply requests and allows morbidity and consumption-based forecasting and quantification. It reduces the amount of stockouts through real-time consumption monitoring and proactive alerts.

Robust Reporting & Query Builder
Equipped with a robust reporting engine with custom query building and custom reports, empowering teams to quickly access information without depending on technical teams.

Multilingual for Desktop & Mobile
The platform can function in multiple languages on desktop and mobile devices with minimum technical requirements, enabling organizations to utilize preexisting IT infrastructure.

Multi-Grant & Location Management
Can manage multi-grant and multi-location projects without adding burden on users. It seamlessly tracks different commodities across various locations in real-time.

All types of commodities
The platform efficiently manages pharmaceuticals, health & nutrition supplies, vaccines, food and non-food items and further extends to manage all types of emergency kits.

No Data Loss, Android Version For Mobile Devices

PIMS features a robust synchronization center that can transfer data through various channels. The software operates seamlessly in offline mode, enabling data transfers via network, file transfer, or even paper-based methods. Additionally, PIMS is compatible with Android mobile devices.

Scalable & Customizable Modular Design
Versatile Features Adhere to Best Practices

Comprehensive Modules

✓ Rationalization
- Morbidity-based forecasting & quantification
- Pre-loaded Protocols
- Pareto & ABC Analyses
- Preloaded Pricelists

✓ Items & Kits
- Barcoded Items Definition
- Standardized Product Coding
- Multi-grant Management
- KITs Management
- GS1 compatible

✓ Dispensing
- Barcode Items Dispensing
- Drug Utilization Reviews
- Duplication of Service Alerts
- Patients Prescriptions History
- HIS Data Support

✓ Clinical Consultations
- Customizable Workflows
- Customizable Forms
- Real-time Pharmacy Integration
- Computerized Order Entry
- Patient Timelines

✓ Transfers & Receiving
- Internal & External Transfers
- Supplier Tracking
- QR-Code Waybills Export
- Partial Receival
- Offline Exchange

✓ Automated Resupply
- Automated Resupply Requests
- Emergency Requests
- Corrected Consumption Mode
- Seasonal Analysis
- Grant Approvals & Control

✓ Inventory Reconciliation
- Periodic & Spot Checks
- Damaged & Lost Items
- Offline Physical Inventory
- Inventory Corrections
- Justificaitons & Approvals

✓ Planning & Cold Chain
- Pipeline Visibility via 4PL
- Shipment Tracking
- Cold Chain Monitoring
- Ambient Temp Monitoring
- Alerts & Cause Logging

Other Features

✓ Data Protection
- ePHI Access Logs
- Security and Compliance
- De-identified Patient Profiles

✓ Performance
- Fast Responsive Screens
- Minimal Specs Needed
- Low-Bandwidth Consumption

✓ Notifications
- In-System Notifications
- Email Notifications
- Custom Notifications

✓ Reporting & Dashboards
- Configurable Dashboards
- Pre-Prepared Reports
- Custom Query Builders

✓ Interoperability
- HL7 Interoperable
- Built-in API
- DHIS2 API
- Interoperable with ERPs

✓ UX/UI
- Multi-Lingual Interfaces
- 92.5 SUS Score
- Responsive Interfaces
- Consistent Interfaces

✓ Security
- Encrypted Sensitive Attributes
- Anti-XSS, Anti-SQL Injection
- Role-Based Access Control
- Custom Roles & Permissions

✓ Support
- Online Support Desk
- In-System tutorials
- Multi-Lingual Manuals

Easily deployable in three simple steps.

Our deployment strategy is straightforward yet highly efficient. It follows a three-step process: first, gaining a deep understanding of practical considerations; then, constructing an implementation based on quality standards; and lastly, preparing and facilitating readiness for final use.

SUCCESS

BUILD

DISCOVER

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