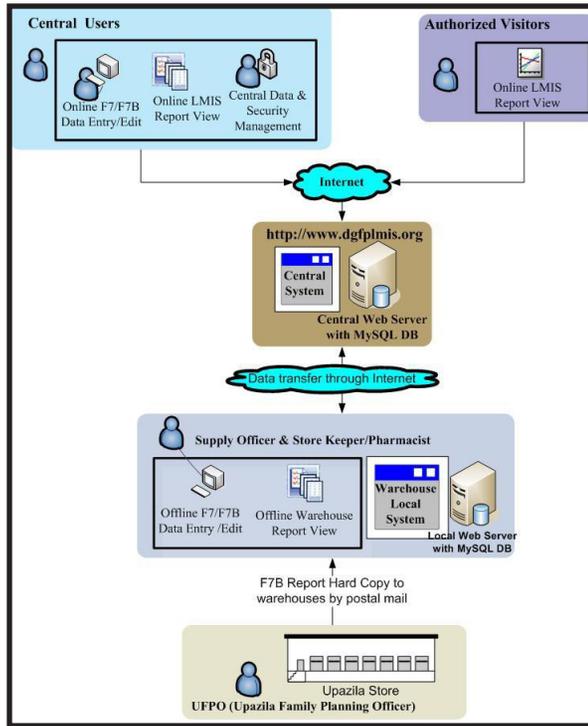


Figure 2. Web-based LMIS Work Flow Diagram



System Requirements

Operating System: Windows XP/2000/2003

Minimum Hardware: Pentium III (Min 1.8 GHz) or higher, 256MB or more RAM, 20 GB or more Hard Disk, 56 kbps Modem/Internet Connection, Printer

Software: Apache Web Server, MySQL 3.23.39 or higher

Development Tools

Programming Language: PHP, Javascript, HTML

Database: MySQL

For more information on the Web-based LMIS, download these manuals from the USAID | DELIVER PROJECT website at www.deliver.jsi.com:

Bangladesh: Frequently Asked Questions—Web-Based Logistics Management Information System

Bangladesh Technical Manual for the Web-based Logistics Management Information System

Bangladesh Web-based Logistics Management Information System: User Manual

The authors' views expressed in this publication do not necessarily reflect the views of the U.S. Agency for International Development or the United States Government.

USAID | DELIVER PROJECT

John Snow, Inc.

1616 Fort Myer Drive, 11th Floor

Arlington, VA 22209 USA

Phone: 703-528-7474

Fax: 703-528-7480

Email: askdeliver@jsi.com

Internet: deliver.jsi.com

Bangladesh Web-Based Logistics Management Information System



January 2010

This publication was produced for review by the U.S. Agency for International Development. It was prepared by the USAID | DELIVER PROJECT, Task Order 1.



Introduction

The web-based logistics management information system (LMIS) is part of the management information system (MIS) of the Directorate General of Family Planning (DGFP) of Bangladesh. As a web application, the system allows the user to enter various logistics data in the LMIS in a decentralized way. Although data are entered from different physical locations, they are stored in a central database server. Because this is web-based software, authorized users will be able to use the Internet to access data in report form—LMIS reports, stock status reports, months of supply (MOS) reports, and others—from anywhere in the world. Eventually, users will be able to access necessary information promptly and efficiently whenever they need it. This new LMIS will greatly improve the entire decision-making process for the concerned organizations.

Purpose and Goal

The goal of the web-based LMIS software is to distribute the work load from the central to the regional warehouses and to reduce the time it takes to generate reports. With the software running successfully—

- users can increase their access to logistics data at the national level and at the Regional Warehouse (RWH) level

- managers can make decisions that will improve the supply chain management system
- donors and stakeholders can access web-based reports for decision making
- the WH staff can learn the status of the upazila and field stock immediately after data entry
- the warehouse manager can make immediate decisions
- managers can strengthen supervision and monitoring at all levels.

How the System Works

To understand the working environment of the web-based LMIS software, you need to understand the flow of the DGFP family planning program information.

The flow, depicted in figure 1, shows that—

1. From the SDP/field level, the upazila family planning office receives Form-2 and Form-3. The office compiles the data and manually completes the F7B report. The office sends a printed copy of the report to the respective RWHs.
2. Staff at the RWH enter F7B reports in the web-based LMIS, including their F7 report.
3. The DGFP MIS unit downloads the data from the web-based LMIS and prepares the national LMIS report.

Figure 1. Information Flow for the DGFP Family Planning Program Information

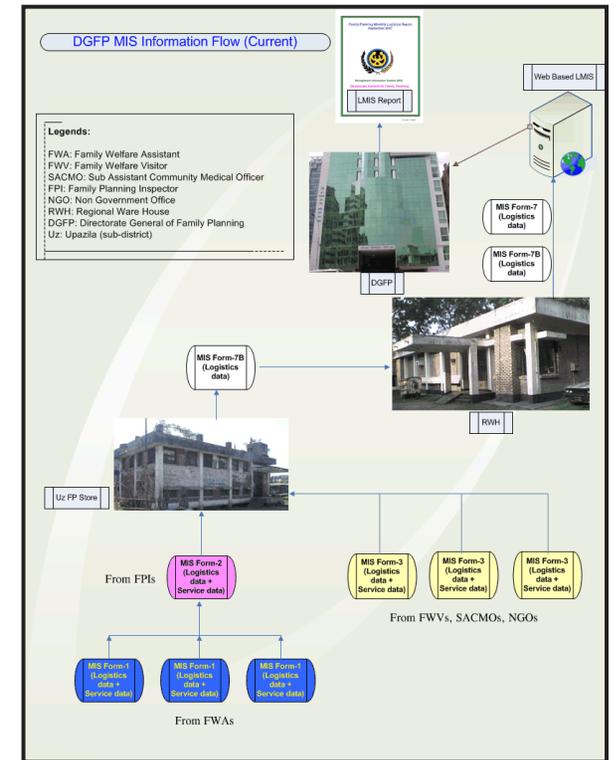


Figure 2 shows how the RWH staff use two steps to enter the data in the web-based LMIS.

Step 1: In offline mode, the staffs enter the data into the local computer.

Step 2: Through the Internet, they upload the data from the local computer to the central database.