

# Briefing

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## Implementing an Electronic Data Collection System to handle Routine Data

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## 1. Introduction

This document is a short brief about implementation of an electronic data collection system to handle the data generated from the Medicine Management Supervisors visits to Health Facilities in Uganda (result area 3.1). For detailed information please refer to the documents which are organized as follows:

1. Electronic Data Collection
  - a. System Software Selection
  - b. System pilot
  - c. Roll out to 147 MMS
  - d. Building the DSDS

## 2. Electronic Data Collection

Data is being collected in the health facilities and needs a solution that makes the data available for analysis at regional and central level.

Arguments for choosing the system:

- Data from MMSs are collected using paper forms.
- Using the Adobe system will show the form to the user as a pdf resembling the paper form.

## 3. Pilot of the system

In end of 2011 9 netbooks were procured and installed with Adobe Reader. One licence was also procured to be able to create and distribute the pdf form to the data collectors. A 3 day training course was held for 9 participants from the 9 districts in central region.

## 4. Rolling out the Adobe system

To enable all MMS to use the Adobe system further 147 computers were procured. To facilitate the District MMS in doing data analysis and also presentations at district meetings it was decided to procure laptop computers for all 45 district MMS.

## 5. Adobe to DSDS

A system will be developed which will be able to handle the form, analyse the data and present it to different users in a customized way.

Due to limitations in using Excel as the main analysis and reporting tool it was...



## 6. Lessons learnt - recommendations

- Data collection and especially management has to be well thought through as initial part of any project.
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