**SARAMED HMIS ROLLOUT**

Saramed is a web-based health facility management software developed by PS Kenya. The software is meant to support planning, management, and decision making in health facilities. The minimal viable product is designed to benefit the facilities through marked increase in revenue collection and improved patient care experience.

# Installation

Assessment of the facility readiness had already been done prior to the installation dates and recommendations on the network infrastructure as well as work stations hardware needs had been floated.

Some of the requirements were:

1. 1.4GHz Intel Pentium 4 or faster processor (or equivalent) for Microsoft Windows 10, 8 or 7;
2. 2GHz Pentium 4 or faster processor (or equivalent) for any later version of Windows 10, 8 or 7 or any other version not below windows 7.
3. Minimum 2GB of RAM to be installed on the workstation PC.
4. Browsers to be Mozilla Firefox, Edge or Google Chrome.
5. Server specifications were, at least a core i7 PC with 3.1 GHz Quad core, minimum 8 GB RAM and 2 \* 256 GB SSD.

PS Kenya team had provided excel data templates to aid in data collection and migration from the systems used previously by the facilities. The templates were designed to befit the Saramed database schema.

The facility’s network had been laid out and was in good working condition. All work stations had working desktops already pre-installed with Windows Operating Systems which was one of the minimum requirements to run Saramed.

The server was to be configured to run on a linux environment, Ubuntu OS to be specific.

# TRAINING

Training commenced on 1/12/2022 at Isiolo central medical centre, Isiolo. Training was to be done for the first three days before Saramed went live to help the staff familiarize themselves with the key modules at both facilities.

## Modules trained

1. **Patient Registration**
2. **Cashier**
3. **Nurse**
4. **Doctor**
5. **Laboratory**
6. **Radiography**
7. **Pharmacy**
8. **Inventory**
9. **Human Resource**
10. **Finance**
11. **Administration**

# GOING LIVE

**Going live day** was scheduled for the fourth day at all the facilities after Saramed installation and training had been done.

Going live started with importing of all the excel templates that the had been provided into the live environment database to allow for a smooth transition and accurate start point for the facility.

The IT champion of the facility was taken through how to create employee accounts using the **human resource** module once again which takes care of employee creation.

With employee accounts created, the front desk staff could now create, edit and merge patient details.

# CHALLENGES

1. The SSDs purchased, one was faulty. The disk had partitions that could not be formatted which was a challenge to configure the server.
2. When upgrading the server, there was a blackout which caused some updates to have missing files.
3. The network was not properly configured hence one workstation was connected to a different network and could not access the system.
4. We also had hardware issue with the mouse in the laboratory room, where on clicking it had a double entry hence creating a couple of erroneous entries.