

Maputo Province Conversion Report 2013-09-08

SIGEM CMS Project

Data Conversion

EDM

Mozambique

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| MODIFICATIONS TO PRIOR DOCUMENT |
| Issue for approval |

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# Introduction

This document will be used as the main statistical report for the Maputo province data migration from Galatee to CMS. The report compares statistical entities from the source and what was migrated into the target database. The report will also state the differences if the source and target databases have different values.

The conversion statistics focuses on the following major areas:

* Contract statistics by count
* Contract debt balances by status and tariff
* Subscriber deposit balances per district

For the purpose of the highlighted results it should be noted that, the data received from Galatee was from the Maputo database which has both Maputo City and Maputo Province customers. The data used was extracted in June 2013. The financial data used was only for period between January and March, 2013. The accounts considered for this migration were the ones with data from data gathering (Cadastramento).

# Statistics Summary

## Converted Contracts



* *A total of 83 accounts were not converted since they did not have connection date in the current system.*

## Converted Debts



## Converted Deposits



# Converted Database Entities

## Geographical Structure



## Converted Premises by Office



* *It should be noted that the geographical data used during the data migration was not mapped to the proper reading offices. The procedure to map the geographical entities to agencies and offices should be done before data conversion.*

## Converted Customers by Customer Type



## Converted Accounts by Account Type



## Installed Meters by Usage Type



* *A total of 17,069 services have no meters from the current system, of this number 4,471 services are active accounts.*

## Meter Stores Meters by Status and Usage Type

* *Data for meter stores was not available for this test. However all installed meters exists in the meter stores system. A campaign to collect stores data is required before data conversion.*

## Converted Services by Tariff



## Converted Services by Economic Activities



# Issues Encountered And Resolutions

During the data conversion for with the statistics herein, it was observed some issues which will require attention from both EDM and the Indra conversion team. Below are some of the issues explained.

1. Only a small section of the data was converted. This was because they were only about 77,000 customers with data from the data gathering and during this conversion we only concentrated on the accounts with DG data. This is despite the fact that we received DG data for 445,000 customers. We will need to reconcile with the EDM DG team to find out if there is a difference in criteria so that we can find match more customers between DG and Galatee.
2. The conversion team did not receive the data from DG in the prescribed format. This had the conversion team having to adjust the conversion programs so that we can accommodate the data presented.
3. The conversion did not take into consideration prepaid customers from Eclipse. This was because the conversion team was still working on creating a data format template for data extractions. The template has since been sent to EDM and it will be expected that the data will be provided according to the format.
4. All the customers were put under one CSC this was done since we have no link between Bairros and commercial offices. We will create a template for EDM commercial team to provide the conversion team with mapping for each Bairro to commercial office.
5. The reading routes used in EDM may not be optimized to be read within a single day. There may be need to split them and reorganize them into manageable itineraries. During this conversion this optimization was not considered. There will be need to optimize such and it will be required from the implementation team such information.
6. The conversion did not consider meters which are not installed. These will be provided during go live and the missing data may not affect this and subsequent data conversions.
7. Most meters were converted with UNDEFINED meter manufacturer, this is because this information is not available in EDM. However for some cases were the meter numbers were duplicate, we had to convert the duplicates with other meter manufacturers because the CMS does not allow more than one meter number and manufacturer.