

Maputo & Xai Xai Conversion Report. 3rd Iteration/ Cycle

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 city, Maputo province and Xai xai data migration from Galatee, Access and Eclipse EE 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
* Areas with issues to highlight to EDM

For the purpose of the highlighted results it should be noted that, the data received from Galatee and Eclipse EE 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 of 2 years. For Xai xai there was not provided financial data and the database used for Customer data is from September, 2013. All accounts were considered and conversion rules were used to pick only the customers eligible for conversion.

# 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. Some of the items are discussed under the statistical tables within the document however, below are some of the issues.

1. Galatee and Cadastramento data used for conversion is from the previous data extraction. This data may not reflect the current number of accounts for these two systems. Cadastramento provided another set of data for migration but the provided data could not be used during this conversion because it was missing some essential data. This was escalated to the responsible team in EDM for correction in November 2013.
2. The bairros used for conversion did not have proper linking to the commercial centres. This information was provided by EDM however the information defers with the data from Cadastramento and we have requested EDM to provide the data matching the Cadastramento. We are awaiting this data from EDM and hopefully in the next cycle this will be corrected.
3. 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. This issue was discussed with EDM and we await the response from their side.
4. Prepaid customers are not in any itinerary in EDM, these they will be required to be put in reading itineraries which will be read once every four months. It is important to have these put in itineraries and such data should be provided for conversion.
5. Unpaid post paid debts for prepaid customers were not considered during this data conversion. These should be provided and a bill will be created in CMS so that the payments done from Eclipse can be accounted for in CMS too. This data was not provided yet by EDM.
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. Galatee provided billing history for the last 24months. Though the data was not in the requested format due to Galatee RDBMS short comings, we managed to put it in a format that we deemed fit for data conversion. This data may not be correct since this was not verified by EDM. This should be discussed with EDM so that the data to be provided in the next cycle can be verified. Access did not provide any historical billing.
8. Both Galatee and Access have not provided security deposits in the requested format. There is need to expedite the process to start developing and testing conversion scripts for this.