



SEQUOIA MOSAIC 3000: INTERNET-ACQUIRING PLATFORM

Payments register data export format

User's manual

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Chapter 1. About the document

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1.1. Purpose of the document

This document describes the format of export of the Payments register data from the SM 3000 Internet-acquiring platform. This document was prepared for users of the SM 3000 Internet-acquiring platform.

1.2. How to use this manual

The manual is designed to explicate the process and the Payment register data export file structure.

The terms, abbreviations and useful references to other documents about the SM 3000 system are provided at the final part of the document.

Terms and Abbreviations - A glossary of terms commonly used in the card processing and electronic funds transfer industry.

1.3. Classification

This document has been classified as External.

1.4. Document sheet

200113

1.5. Document contacts

In the case of questions or proposals about information presented in this document, you can contact Alfeba's Documentation Division by email doc@alfeba.com, by phone +598 2 208 31 42 or by mail, using the address: Av. Agraciada 2770, Montevideo, 11823, Uruguay.

1.6. Document history

Version	Date	Modification	Notes	Authors
1.0	29.05.2020	-	Init. Version	Natalia Bogorodskaya

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Chapter 2. The payments register data export

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2.1. General information

In this chapter we describe the process and the Payments register process from the Sequoia Mosaic 3000 Internet-acquiring platform [SM3000 IAP].

2.2. The data export scheme

The payment register data can be exported both after

- a) the Incoming-file processed and matching jobs processed automatically and
- b) the payments register file creation manually on the base on the data registered with the SM3000 IAP before.

Picture 2.2.0.0. The Payment register data export process



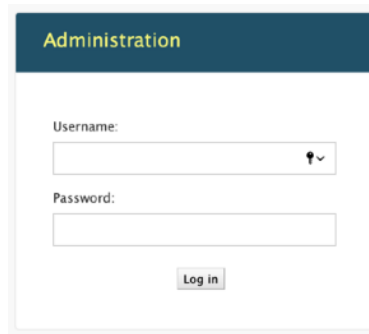
2.3. The data export automated process

The SM3000 IAP has the internal mechanism of the Payments file creation and exportation from the Platform to do it automatically as the new data were received and processed.

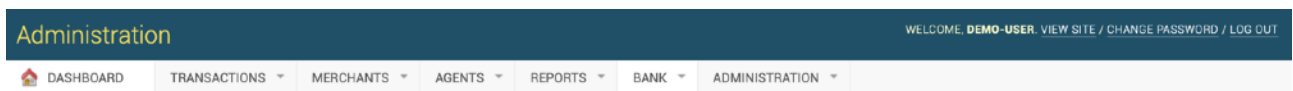
The automated jobs don't have the user interfaces and execute automatically.

2.4. The data export manual process

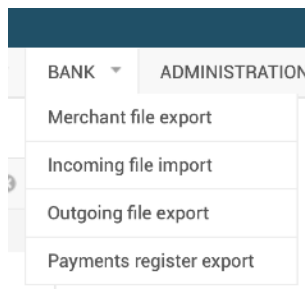
As it showed in the Picture 2.2.0.0., to process the Payment register file manually the SM3000 IAP user has to login into the system with his own Username and Password, assigned previously:



After the enter to the system the main page with the menu above will be shown:



From the principal menu you should choose the BANK item:



and to open the Payment register export page.

On the page you have to mark the need file to work with.

When the data is marked, you should choose the operation from the **Action** list:

- to create the file,
- to export the file.

The description of the page and the data will be added soon.



The Payments register exportation process is developed in accordance to the ISO QMS standards. It means, that each action with the data in the system must be checked with a 4 eyes principle.

Table 2.4.0.1. The Payments register export statuses

Export status	Description	Result
Not processed	The operation is waiting for the export initiation by the user	The data is saved with the system
Ready to unload	The operation is waiting for the authorization by the administrator	The data is prepared for the export file creation
Unloaded	The file was created in the FTP server directory, created by the Administrator before	The data is saved in the export file, created in the FTP directory

The Payments register data export process is divided into the two steps as it shown in the Picture 2.3.0.0.:

- Data preparation to unload with a final status Ready to download from the Select and
- File upload with a FTP server with a final status Unloaded by the Administrator.

Picture 2.4.0.0. The Payments register data unload process

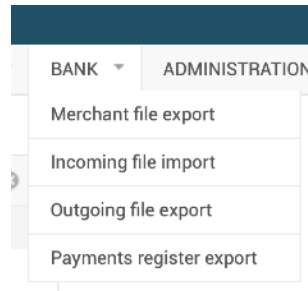


Before the export process the Status of the Item is Not processed always. To continue the Payments register data export the Administrator has to authorize the operation to Unload the file into the FTP directory.

2.5. Authorization of the Payments register data export operation

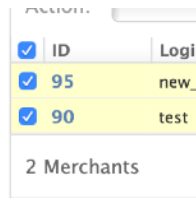
To create the Payments register data export file and to store it in the FTP Directory the special operation execution will be needed.

To make the authorization mentioned above you need to open the BANK menu from the principal menu of the system:

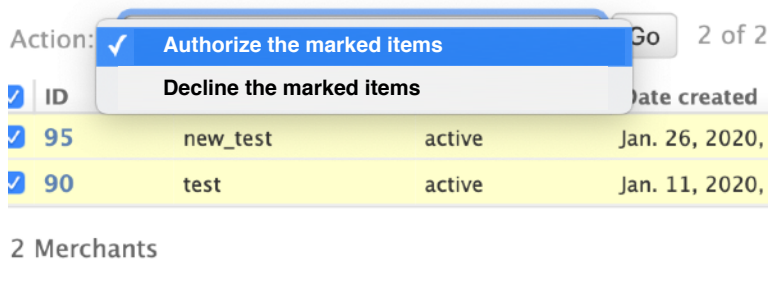


To authorize the Payments register file export operation to create and save the file in the FTP directory you have to choose the **Payments register export** from the menu.

The Payment register file export authorization page will be opened: To authorize the file export you need to mark the needed file:



to choose the operation Authorize the marked items from the Actions list:



and press the **Go** button:



The file with the Payments register file will be created in the FTP directory with the FTP Server. The data showed in the page will be stored with the system as **Unload**.



The Payments register format is provided in the Sec. 3.3. of the Chapter 3. Attachments to this Manual.



The declined operations are saved with the system, showed on the page with the same status and stored in the log. The Declined status doesn't mean that the Payments register information was deleted or changed. In the case of Decline the export file will not be created or stored in the FTP directory. The status of the file on the Payments register page will be backed to Not processed.

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Chapter 3. Attachments

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3.1. Terms and abbreviations

To be inclosed

3.2. External documents references

This document doesn't have any external reference.

3.3.2. The head

This record will always be the first line, its data will be separated by means of the pipe character “,” and are the following:

- date,
- registry_id,
- merchant_id,
- bank_account,
- currency,amount

Example:



date,registry_id,merchant_id,bank_account,currency,amount

3.3.3. The detail

These records are the ones that make up the detail of the data that the external processing system must process for it banking core and to make payments to merchants. Each record has a number of fixed fields, separated by the pipe character “,”. They are mandatory.

Example:



2020-05-01,000001,0000001,12345678912345678912,NPR,46357.25
 2020-05-01,000002,0000002,12345678912345678944,NPR,9352.00

The fields are shown in the Table 3.3.3.0.

Table 3.3.2.0. The Payments register fields description

No	Field name	Data type	Nullable	Lengh	Description
1	DATE	DATE	No	10 bit	Register creation date by mask YYYY-MM-DD
2	REGISTRY_ID	POSITIVE INTEGER	No	6 bit	Unique ID of Registry
3	MERCHANT_ID	POSITIVE INTEGER	No	7 bit	ID of Merchant
4	BANK_ACCOUNT	STRING	No	20 bit	The banking account number, created by the Bank. It is used to match the entry between the SM3000 IAP and the Bank Banking core
5	CURRENCY	STRING	No	3 bit	ISO 4217 currency code of the amount
6	AMOUNT	DECIMAL	No	14 bit	The amount of payment by mask XXXX.XX

3.3.4. Payments register data export file examples



```
date,registry_id,merchant_id,bank_account,currency,amount  
2020-05-01,000001,0000001,12345678912345678912,NPR,46357.25  
2020-05-01,000002,0000002,12345678912345678944,NPR,9352.00
```

ALFEBA

Agraciada 2770 Montevideo 11823 Uruguay

Phone: + 598 2 2083142

E-mail: docs@alfeba.com

www.alfeba.com