**IT TME**

Functional Design Document

October Release 2019: CHG161158

Inbound and outbound interfaces additional columns

Kazakhstan

# Document Approval

|  |  |  |  |
| --- | --- | --- | --- |
| **CHG Title** | Process to copy files from PRD to UAT | | |
| **Business Sponsor** | Khakimova, Liliya | **Function** | TME Kazakhstan |
| **BTS Responsible** | Filippov, Artur | **Function** | BTS TME |
| **ODC Responsible** |  | **Function** | ODC Data |
| **GTC Responsible** |  |  |  |

This is to confirm that we have reviewed the functional specifications for the proposed solution. We agree with its contents and understand that the technical specifications will be designed based on this approved document.

# Revision History

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Revision | Section(s) | Description | Editor | Date |
| 1.0 | - | Draft | Filippov Artur | 28/05/19 |
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# Business Process Overview

# Currently market transfers cash incentives to the customers for the fulfillment of contracts conditions in the from of Bank cards, that customers often lose and market is constantly forced to repeat the linking and data verification processes which increases the time for payments.

# In order to have a unified approach, get rid of charges for bank cards order, improve customer verification process, Kazakhstan Market has begun the transition to the accrual of cash incentives to the customers in virtual Bank accounts.

# For data transfer between JTI and Bank market uses BC, CO, PM, PA, PB, PT interfaces that lack some data fields that the bank needs to set up additional customer verification processes and create virtual accounts.

# In order to adjust the data transfer process to mach the new requirements, some additional fields are needed in above mentioned interfaces.

# 1.1 Impact Matrix

|  |  |
| --- | --- |
| **GRM Functionality** | Contracts |
| **Impact Current Functionality?** | No |
| **Markets Affected** | Kazakhstan |
| **Applications Affected** | Data |
| **Risk of Implementing the change** | None |

# Description of the Functional Change

## 

* 1. Changes in Siebel Sales

|  |  |
| --- | --- |
|  | Not needed |
|  |  |
|  |  |
|  |  |
|  |  |

* 1. English Captions  
     (Translations should be provided for non-English Markets)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type** | **Format** | **Caption ENU** | **Language** | **Caption LOCAL** |
|  |  |  |  |  |

* 1. *Changes in the ETL*

Not needed

* + 1. *Initial Loads/Massive Data updates*

None required

* + 1. *Performance test/Indexes creation*

None required

* 1. *Changes in OBIEE*

No Impact

* 1. *Data Dictionary*

No impact.

* 1. *Changes in Data Interfaces*
     1. *Inbound*

**CO Interface (Contracts)**

We need to have the possibility to link loaded aggrement to existing contact by prodvifing unique CONTACT\_UID of the contact and update some contact attributes. If CONTACT\_UID is not null in the file, but such contact does not exist in the db, the record needs to be rejected.

Length and data type of the new fields need to match the lengh and type of DB columns.

It should be possible to load values with cyrillyc characters in CONTACT\_UID.

The following new columns need to be included to CO interface

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Mandatory field?** | **Description** | **Correspoinding field in DB** |
| CONTACT\_UID | N | Unique identifier of the contact | S\_CONTACT.PERSON\_UID |
| CELL\_PH\_NUM | N | Mobile phone | S\_CONTACT.CELL\_PH\_NUM |
| X\_ATTRIB\_3 | N | Contact attribute 3 | S\_CONTACT. X\_ATTRIB\_3 |
| X\_ATTRIB\_4 | N | Contact attribute 4 | S\_CONTACT. X\_ATTRIB\_4 |
| X\_ATTRIB\_14 | N | Contact attribute 14 | S\_CONTACT. X\_ATTRIB\_14\_CD |
| X\_ATTRIB\_18 | N | Contact attribute 18 | S\_CONTACT\_X.ATTRIBUTE\_37 |
| X\_ATTRIB\_38 | N | Contact attribute 38 | S\_CONTACT\_X.ATTRIBUTE\_38 |

**PA Interface (Pyament Plan)**

The following new columns need to be included to PA interface in addition to existing contact fields. Exisiting logic of contact lookup will be used.

Length and data type of the new fields need to match the lengh and type of DB columns.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Mandatory field?** | **Description** | **Correspoinding field in DB** |
| CELL\_PH\_NUM | N | Mobile phone | S\_CONTACT.CELL\_PH\_NUM |
| X\_ATTRIB\_14 | N | Contact attribute 14 | S\_CONTACT. X\_ATTRIB\_14\_CD |
| X\_ATTRIB\_18 | N | Contact attribute 18 | S\_CONTACT\_X.ATTRIBUTE\_37 |

**PT Interface (Point Transactions)**

The following new columns need to be included to PT interface in addition to existing contact fields. Exisiting logic of contact lookup will be used – by providing CON\_PERSON\_UID column value

Length and data type of the new fields need to match the lengh and type of DB columns.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Mandatory field?** | **Description** | **Correspoinding field in DB** |
| CELL\_PH\_NUM | N | Mobile phone | S\_CONTACT.CELL\_PH\_NUM |
| X\_ATTRIB\_3 | N | Contact attribute 3 | S\_CONTACT. X\_ATTRIB\_3 |
| X\_ATTRIB\_14 | N | Contact attribute 14 | S\_CONTACT. X\_ATTRIB\_14\_CD |
| X\_ATTRIB\_18 | N | Contact attribute 18 | S\_CONTACT\_X.ATTRIBUTE\_37 |

* + 1. *Outbound*

In all outbound interfaces we rely on existing contact lookup logic.

**BC Interface (Bank Cards – Outbound)**

The following new columns need to be included to BC export in addition to existing contact fields:

|  |  |  |
| --- | --- | --- |
| **Column name** | **Description** | **Correspoinding field in DB** |
| CONTACT\_UID | Unique identifier of the contact | S\_CONTACT.PERSON\_UID |
| CELL\_PH\_NUM | Mobile phone | S\_CONTACT.CELL\_PH\_NUM |
| X\_ATTRIB\_14 | Contact attribute 14 | S\_CONTACT. X\_ATTRIB\_14\_CD |
| X\_ATTRIB\_18 | Contact attribute 18 | S\_CONTACT\_X.ATTRIBUTE\_37 |

CONTACT\_UID should contain a correct value if the value on the database contains cyrillic characters.

**PM Interface (Payment – Outbound)**

The following new columns need to be included to PM export in addition to existing contact fields:

|  |  |  |
| --- | --- | --- |
| **Column name** | **Description** | **Correspoinding field in DB** |
| CELL\_PH\_NUM | Mobile phone | S\_CONTACT.CELL\_PH\_NUM |
| X\_ATTRIB\_14 | Contact attribute 14 | S\_CONTACT. X\_ATTRIB\_14\_CD |
| X\_ATTRIB\_18 | Contact attribute 18 | S\_CONTACT\_X.ATTRIBUTE\_37 |

**PB Interface (Point Transaction – Outbound)**

The following new columns need to be included to PB export in addition to existing contact fields:

|  |  |  |
| --- | --- | --- |
| **Column name** | **Description** | **Correspoinding field in DB** |
| X\_ATTRIB\_3 | Contact attribute 3 | S\_CONTACT. X\_ATTRIB\_3 |
| X\_ATTRIB\_4 | Contact attribute 4 | S\_CONTACT. X\_ATTRIB\_4 |
| X\_ATTRIB\_7 | Contact attribute 7 | S\_CONTACT. X\_ATTRIB\_7 |
| X\_ATTRIB\_8 | Contact attribute 8 | S\_CONTACT. X\_ATTRIB\_8 |
| X\_ATTRIB\_10 | Contact attribute 10 | S\_CONTACT. X\_ATTRIB\_10 |
| X\_ATTRIB\_14 | Contact attribute 14 | S\_CONTACT. X\_ATTRIB\_14\_CD |
| X\_ATTRIB\_18 | Contact attribute 18 | S\_CONTACT\_X.ATTRIB\_37 |
| X\_ATTRIB\_1 | Contact attribute 1 | S\_CONTACT.X\_ATTRIB\_1 |
| X\_ATTRIB\_5 | Contact attribute 5 | S\_CONTACT.X\_ATTRIB\_5 |
| X\_ATTRIB\_6 | Contact attribute 6 | S\_CONTACT.X\_ATTRIB\_6 |
| X\_ATTRIB\_9 | Contact attribute 9 | S\_CONTACT.X\_ATTRIB\_9 |
| MID\_NAME | Contact Middle Name | S\_CONTACT.MID\_NAME |

X\_ATTRIB\_7 and X\_ATTRIB\_8 need to be exported in YYYY/MM/DD format.

* + 1. *Initial Loads*

None required.

* + 1. *Performance test/Indexes creation*

None required.

* 1. *Changes in Batch Processes / Aggregations / DRP*

Not required

* 1. *Use Case*

|  |  |  |
| --- | --- | --- |
| **Role**  *Trade Marketer, ASM, Local Admin…* | **Application**  *Sales, Analytics, ETL, Batch, Interface* | **Step**  *Description of the step and its expected output* |
| Local Admin | Interface, Siebel | 1. Provide CO file with the new columns provided 2. Validate in Siebel that data is loaded and it is displayed in the correct column 3. Provide PA file with the new columns provided 4. Validate in Siebel that data is loaded and it is displayed in the correct column 5. Provide PT file with the new columns provided 6. Validate in Siebel that data is loaded and it is displayed in the correct column |
| Local Admin | Interface, Siebel | 1. Request the export of BC file 2. Ensure that new columns and their values are included to the export 3. Request the export of PM file 4. Ensure that new columns and their values are included to the export 5. Requst the export of PB file 6. Ensure that new columns and their values are included to the export |