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| Functional Design Document |
| CHG221286: |
| JTI Advance Automated Payment upload to TME |
| Markets: UK |
| Release: RLS000700 (Feb’22) |



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# Document approval

*List members from market, DBU, BTS, ODC, GTC and other teams that are accountable and responsible for the CHG implementation. Add extra rows if required to include extra team members (e.g. responsible for different areas or services).*

|  |  |  |
| --- | --- | --- |
| Role | Name | Function |
| **Market Sponsor** | Phil Guilfoyle | TME Manager UK |
| **DBU Approver** | Nikita Ryzhkovich | Digital Customer Experience |
| **BTS expert** | Sonia Fernandez | BTS TME Manager |
| **ODC expert** | David Gallego | ODC Sales |
| **ODC expert** | Miguel Lopez | ODC Data |
| **GTC expert** | Jose Carlos Martin | TME Tech Arch Mgr |

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 | S. Fernandez | 02.11.2021 |
| 1.1 | 2.6.1 | Clarifications added after discussing with market and ODC | S. Fernandez | 03.11.2021 |
|  |  |  |  |  |
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|  |  |  |  |  |

# Business Process Overview

## Process Overview

Retailers will now be able to scan products within JTI as part of trade rewards. This data information will load into TME to create payments towards their Trading Agreement. This change is to allow x2 PY (payment) files to be processed in a single 24 hour period.

This new approach is a critical step to make up for lost time and to compete on customer service and relationship management. Successful roll-out must happen quickly, with the aim to digitalise the process by Q2 ’22.

It is also out-dated versus our competition. They have been utilizing their platform to scan and process trade rewards for a sometime. This puts JTI at a disadvantage. In addition a huge amount of time will be saved by giving the retailer the responsibility of managing the rewards programs themselves

## Impact Matrix

|  |  |
| --- | --- |
| GRM Functionality | Trade Marketing Insights |
| Impact Current Functionality? | Yes |
| Markets Affected | UK |
| Applications Affected | Data |
| Risk of Implementing the change | Low |

# Description of the functional change

## Changes in Siebel Sales

No impact

## English Captions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type | Format | Caption ENU | Language | Caption LOCAL |
| *Field/Button/View* |  | *Visit* | *ESP* | *Visita* |
|  |  |  |  |  |

## Changes in the ETL

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | OLTP Source | | ETL | OLAP Target | |
| # | **Entity** | **Attribute** | **Transformation** | **Entity** | **Attribute** |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |
| 6 |  |  |  |  |  |

## Initial Loads/Massive Data updates

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Data Update | | | | | |
| # | **Entity** | **Markets** | **Periods** | **Urgent (ODC)** | **Remarks** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

*\*In case TME Sales or OBIEE application logic relies on the data update, this must be set as urgent.*

## Performance test/Indexes creation

* No impact

## Changes in OBI

* No impact

## Data Dictionary

## Changes in Data Interfaces

## Inbound

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Specify Inbound OLTP/OLAP Entity - Interface Code E.g. *OLTP Asset Component - AE* | | | | | |
| **#** | **Entity** | **Field Name** | **Contents** | **Data type/format** | **Transformation** |
| 1 |  |  |  |  |  |
| # |  |  |  |  |  |

UK market wants to be able to automatically load a second PY file during the day. We would need to create a new WF to load PY files at specific times.

Market will generate a first PY file with naming convention ‘\_10.txt’ (for example: UKPY0601\_20211102\_10.txt) and the system will automatically load it at required time, or during the nightly ETL.

Market will also generate a second PY file with ‘\_11.txt’ name (for example: UKPY0601\_20211102\_11.txt), that will be loaded in a scheduled execution of the PY WF at the requested time (always after the ‘\_10.txt’ file has been loaded).

Note to market: Please note that the files need to be generated with the correct sequential number so that they are correctly loaded. So, the first file should be ‘\_10.txt’, the second one should be ‘\_11.txt’ (if you would want to execute more loads during the day, the files should be ‘\_12.txt’ for the third load of the day, ‘\_13.txt’ for the fourth, etc…). The WF expects this sequential order in the naming of the files and will not load a file with a different name. Only ‘\_10.txt’ file could be loaded during the nightly ETL as it is being done right now, and the second PY file ‘\_11.txt’ will be loaded in a scheduled new execution of the PY WF later (always after the ETL finishes).

## Outbound

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *Specify Outbound OLTP/OLAP Entity - Interface Code* E.g. OLTP Account Outbound – AO | | | | | | |
| # | **Entity** | **Field Name** | **Contents** | **Data type/format** | | **Transformation** |
| 1 |  |  |  |  |  | |
| # |  |  |  |  |  | |

## Initial Loads

* No impact

## Performance test / Indexes creation

* No impact

## Changes in Batch Processes / Aggregations / DRP

* No impact

## 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 UK | Interface | Prepare several PY files to load during the day for UK market with the specified naming convention (‘\_10.txt’ for the first load, ‘\_11.txt’ for the second load).  Check that if the PY files are left in the corresponding folder (the same as for the nightly ETL) the PY files are correctly loaded at the specified times. ‘\_10.txt’ file would be loaded by the nightly ETL and ‘\_11.txt’ file would be loaded in a scheduled execution of the new PY WF after the ETL finishes. |
|  |  |  |
|  |  |  |
|  |  |  |