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Reviewed:

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Marc Kötter, inSITE Stream Lead Validation, Fresenius Medical Care

Approved:

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Lars Weisbrich, inSITE Stream Lead Validation, Fresenius Netcare

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# Change History

|  |  |  |  |
| --- | --- | --- | --- |
| **Ver.** | **Created, Changed** | | **Remarks, Kind of change** |
| **Name** | **Date** |
| 0.1 | Anita Hardt | 19- Sep- 17 | Creation of Initial Version |
| 0.2 | Laszlo Sarvary | 10-Oct-17 | Peer Review |
| 0.3 | Dirk Koerbitz | 17-Oct-17 | Dev Review |
| 0.4 | Marc Schobner | 01.11.2017 | Deployment Review |

Table 1: Change History

# Attachments

The below listed FS attachments are part of the FS document.

|  |  |
| --- | --- |
| S. No | Attachment Name |
| 1 | inSITE\_FS-I\_95-044\_Vendor Master interface with HIS Idoc Outbound Interface |

Table 2: Attachments

# Terms, Definitions, Abbreviations

| Term / Abbreviation | Name / Description |
| --- | --- |
| PI | Process Integration P77 System also named PO Process Organisation |
| HIS | Hospital Information System |

Table 3: Terms, Definitions, Abbreviations

# Reference Documents

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Document ID.** | **Version No.** | **Document Title** |
| 1 | inSITE\_FS-P\_95-038\_R7 | 1.0 | Vendor Classification |
| 2 | inSITE\_FS-E\_95-044\_CN\_V1 | 1.0 | HIS Vendor Master Distribution |
| 3 | inSITE\_FS-E\_95-039\_CN\_V1 | 1.0 | GsP GsP Vendor Master |

Table 4: Reference Documents

# Reference to URS

| **Requirement ID** | **Requirement Title** | **Domain** |
| --- | --- | --- |
| BR\_CHN\_95\_0056 | **HIS - vendor master data extraction**  The application extracts daily vendor master data incl. relevant GsP vendor master data. | MD |
| BR\_CHN\_95\_0057 | **HIS - vendor master data transfer**  The application transfers extracted vendor master data daily to HIS Lenovo. | MD |
| BR\_CHN\_95\_0054 | **HIS - vendor master data flexible data transfer**  The application supports the data transfer in a flexible parameter based frequency, i.e. every x days, y hours or z minutes. | MD |
| BR\_CHN\_95\_0055 | **HIS - vendor master data frequency maintenance**  The application allows transfer frequency parameter maintenance. | MD |

Table 5: Requirements

# Purpose of the Interface

In case of using the external HIS System the vendor master data has to be transferred from SAP ERP P11 to the HIS System.

The relevant data will be sent in an electronic EDI format like CREMAS

# Data Flow Diagram

Out of the SAP ERP an IDoc is generated by checking for appropriate change pointer for vendor master data records if the relevant distribution class is assigned. The IDoc is then transferred to PI in order to transform the information stored in the IDoc segments in EDI Format.

The scope of the template only covers the creation of the IDoc, transfer of the IDoc to SAP PI as Interface Layer and the generation of the EDI file.

# Functional Description

* 1. **Vendor selection**

Vendors which have the class VMD\_HIS of class type ZVD assigned in the classification and also have an active change pointer have to be selected. The class will be assigned automatically by the report ZEDI\_ULTIMUS01.

* 1. **Distributed fields**

All distribution fields will be shown in the attachment “inSITE\_FS-I\_95-044\_Vendor Master interface with HIS Idoc Outbound Interface”. Additional to the standard SAP fields, entries of the GsP tables have to be transferred to PI.

* 1. **Message type and change pointers**

The existing SAP Standard CREMAS message type must be used.

* The distribution has to be triggered in case one or more of the fields which are listed in the attachment “inSITE\_FS-I\_95-044\_Vendor Master interface with HIS Idoc Outbound Interface” are maintained

With the extended segments the following fields must be distributed

* HIS relevant fields of table “GSP Vendor Sales License Information Table”
* HIS relevant fields of table “GSP Vendor License Information Table”

For more details about the GsP Vendort tables see in “GsP Vendor Master”. FS ID see in chapter 4.

* 1. **Definition of the distribution model**
* Maintain/upgrade of existing distribution model in P11
  + Direction P11 to HIS to send the information
  + Direction HIS to P11 to receive the confirmation about the posting the data
* Assign classes to receiving logical systems in P11 system
  1. **ALE specific settings**
* Maintain partner profiles, partner type, logical systems and IDoc ports
* Activate Change Pointers for Message Types
* Distribution job schedule

# Source & Target System

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| System | Source/Target | Application name | SAP/Non-SAP | Comment |
| SAP – P11 | Source | SAP ECC 8.0 | SAP | N/A |
| SAP – P77 | Source/Target | SAP PO | SAP | N/A |
| HIS | Target | Not known | Non-SAP | N/A |

Table 6: Source & Target Systems

# Volume of the Data

An exact number of messages can’t be provided at the moment. The growth of messages depends on the rollout of functionality to customers.

# Dependencies

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Description | System | System | E2E process | Comment |
| N/A | N/A | N/A | N/A | N/A | N/A |

Table 7: Dependencies

# Type and Frequency of Interface

The frequency of this interface is at least four times per day.

# Data Transfer

|  |  |  |  |
| --- | --- | --- | --- |
| Fields in source system | | | |
| S.No | Field | Field Length (Opt) | Field Description |
| N/A | N/A | N/A | N/A |

Table 8: Fields in Source system

|  |  |  |  |
| --- | --- | --- | --- |
| Fields in Target System | | | |
| S.No | Field | Field Length (Opt) | Field Description |
| N/A | N/A | N/A | N/A |

Table 9: Fields in Target system

# Special Functions

N/A

# Assumptions & Conditions

N/A

# Authorization Requirements

N/A

# Error Handling

## ERP

Standard from message type. IDOC Monitoring: SOLMAN solution for monitoring & notifying the failed cases the defined responsible. After received failure information standard support process takes care to solve issue.

## PI

The technical monitoring in PI informs in case of failure the defined responsible. After received failure information standard support process takes care to solve issue.

# Open Issues/Remarks for a subsequent revision

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Description | Responsible | Status | Impact on | Proposed solution |
| 1 | Relevant fields, which are needed in HIS have to be defined | FME | Closed | 8.2 Distributed fields | Yes. Not relevant for this FS the mapping will be made by a new CR and once approved the document enhanced. |
| 2 | The Attachment must include the proper mapping which can be copied once the PO/PI had been set up. | FNC in China with HIS team and SI colleagues in Bad Homburg | Closed | PO/PI Mapping | Yes. Not relevant for this FS the mapping will be made by a new CR and once approved the document enhanced. |

Table 10: Open Issues/Remarks

# Tables & Figures

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