

Building block Configuration Guide

CUSTOMER

Upload Sales Data from SAP Point-of-Sale to SAP Customer Activity
Repository

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English

Upload Sales Data from SAP Point-of-Sale to SAP Customer Activity Repository

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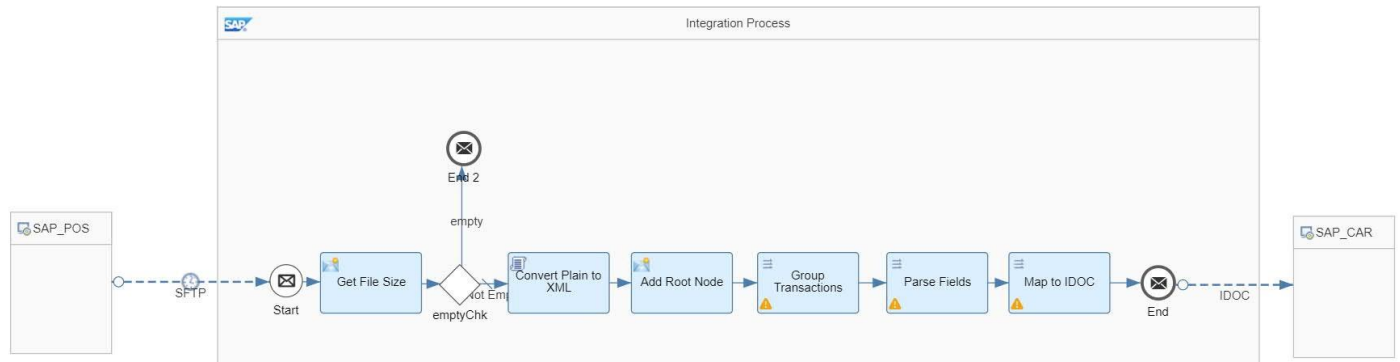
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1 Prerequisites

- You are using SAP Point-of-Sale system and able to create the ASCII version of the TLOG files (sales transactions), or you are using other non-SAP POS system but able to create TLOG files for all the sales transactions. For detail of TLOG Data Capture File Formats, please refer SAP Help on SAP POS (https://help.sap.com/doc/saphelp_pos23/2.3/en-US/be/5234a9eb44494ea0807925211e74c6/frameset.htm) -> Technical Product Reference -> TLOG Data Capture File Formats.
- TLOG files could be transferred to your SAP Cloud Integration tenant via communication protocols, for example, uploading files to an SFTP folder which is accessible by SAP Cloud Integration
- Have your SAP Customer Activity Repository (CAR) system installed
- Inbound IDOC `/POSDW/POSTR_CREATEMULTIPLE06` is configured in SAP CAR

2 Documentation

The iFlow would receive the TLOG files in ASCII format (generally via SFTP), convert to XML format and group the line items by Transaction number, Store ID and Register ID, then map to IDOC /POSDW/POSTR_CREATEMULTIPLE06 and send to SAP CAR.



Note:

1. First process step "Get File Size" is to check if the file is empty, which is optional if the sender system could make sure no empty file transferring.
2. Exception handling is not included in the iFlow, please build your own exception handling for the scenario as per business requirement.

Field mappings from TLOG to IDOC are per below mapping sheet:



MappingSheet_POS
Inbound.xlsx

3 Configuration steps on SAP Cloud Integration

After importing the iFlow into your own tenant, below configurations need to be done manually.

3.1 Configure Sender Adapter

Generally the TLOG files are uploaded to an SFTP folder which is accessible by Cloud Integration via SFTP adapter, hereby an SFTP sender channel needs to be configured. Please refer SAP [Help](#) for SFTP channel configuration.

Other protocols like AMQP could also be used to transfer files, if the sender system could support.

It is recommended to externalize all the connection parameters in the channel.

3.2 Configure Receiver Adapter

Messages would be transferred to SAP CAR via IDOC adapter, an IDOC receiver channel needs to be configured, Please refer SAP [Help](#) for IDOC channel configuration.

It is recommended to externalize all the connection parameters in the channel.

3.3 Configure Cloud Connector (optional)

In case SAP CAR system locates in On-Premise or private cloud, SAP Cloud Connector is recommended to build dedicate connection between Cloud Integration and SAP On-Premise, please refer SAP [Help](#) for Cloud Connector installation and configuration.

Other non-SAP reverse proxy could also be an alternative.

3.4 Configure Backend system – SAP CAR

Please refer [blog](#) for IDOC configurations in SAP CAR.

Partner profile (WE20) configurations:

Partner Type – Customer (KU)

Partner Number – Store ID

Message Type – /POSDW/POSTR_CREATEMULTIPLE

Process Code – BAPI