

Advanced Business Solutions

Software Requirements Specifications

Document Information

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Document Change Control

Rev #	Date of Issue	Author(s)	Brief Description of Change
1.0	8/10/2023	Ramzi Al-khouri	First Draft

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1. Introduction

This document is to describe the new way for posting CCO receipts to SAP business 1 without using B1if

2. Business Scenario

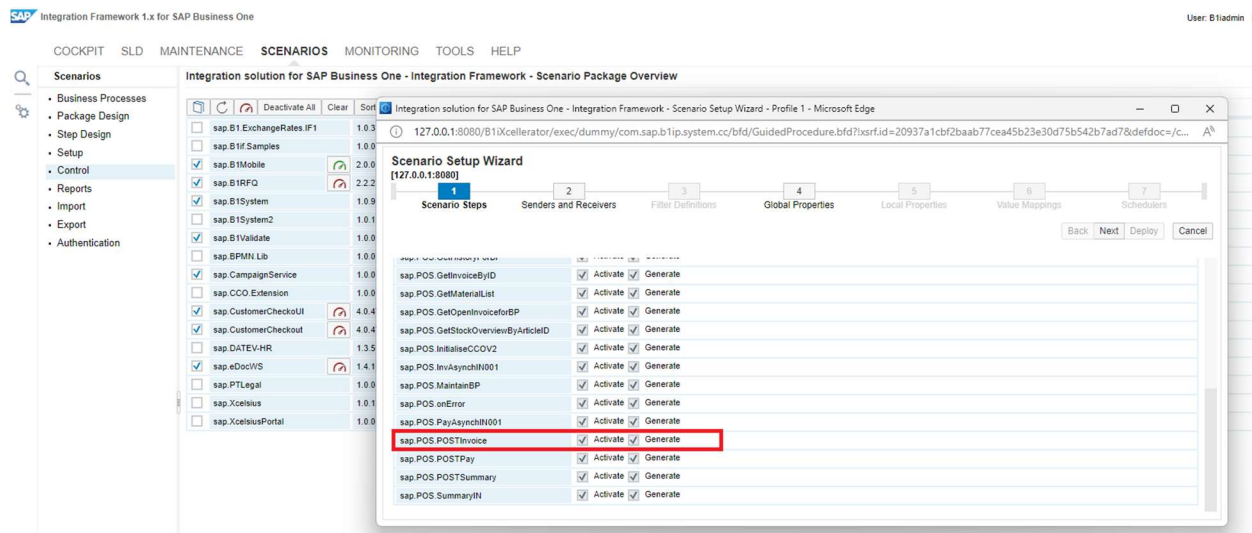
Because of the issues that occur when posting CCO receipts to SAP business 1, like slowness issues specially for big receipt numbers, customers are looking for a way to post CCO receipts at a scheduled time as a consolidated receipt instead of posting receipts real time one by one, which will decrease the traffic on the server and will enhance server's performance

3. Standard SAP business 1

The only standard way to post CCO receipts to SAP business 1 is using B1if, and B1if doesn't offer an option to consolidate receipts and have a schedule for posting, it posts receipts real time one by one

4. Customizations

- B1if will be modified to disable posting CCO receipts to SAP by deactivating receipt posting scenario, this will keep receipts stuck on monitor with status new and will not be posted to SAP



- A windows service will be created to fetch CCO receipts details from B1if monitor database "CustomerCheckout"
 - This service will consolidate receipts as set in its configurations file, per customer ID, per customer group ID, or per CCO ID, and CCO ID must be mapped to the one-time customer for this CCO ID in SAP, unless the payment type used to close the receipt was on credit, in this case receipts should not be aggregated

- The service will have a configurations file that contains the following:
 1. The max number of CCO receipts the service will aggregate
 2. Customer groups IDs to be excluded from aggregation
 3. posting schedule: every X hours starting by time
 4. Auto retry option for failed transactions: enabled or disabled
 5. connection details for both SAP business1 and monitor
- The service will post receipts to SAP business 1 based on the details applied to configurations file
- The service will add CCO ID in the AR invoice reference number
- The service will change the status of receipts in B1 if monitor, all receipts that were posted successfully will have “released” status and B1 doc ID column will be filled with the document ID for the AR invoice in SAP, while receipts that failed to post will have “inconsistent” status
- A UDT will be created in SAP and be linked to AR invoices to show receipts numbers “from” “to” (to be discussed)
- For customers who have special modifications on receipts (like mapping UDFs to receipts), these cases will be handled in windows service’s configurations
- A portal will be created to display consolidated receipts details, like POS ID, transaction date, Customer code, status, receipts numbers “from” “to” for, etc, errors in case of failing
- Before posting a receipt, the windows service will validate all the details of this receipt and will show all validation errors if exist on portal so that the customer can fix all issues before posting the receipt, the validation will be done on the following:
 1. Items codes
 2. Warehouse
 3. Tax codes
 4. Customer ID
 5. Cost centre
 6. Petty cash account
 7. Sales employee
- The portal will offer an option to repost receipt in case the 1st posting attempt failed