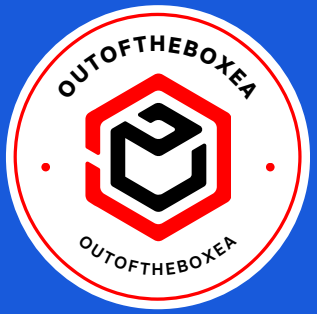


Presented By



SAP CPI REALTIME EXAMPLE – 3

Email to DropBox – Invoice Handling Interface



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Download the material from Github

Link in the description





BUSINESS REQUIREMENT: INVOICE HANDLING INTERFACE

Description:

We need to streamline and modernize our invoice processing operations at OOBEA Corporation. **By automating the extraction of invoices from email attachments (PDF, XML and ZIP) and securely storing them in Dropbox**, we aim to significantly reduce manual data entry, enhance accuracy, and expedite the accounts payable process. This integration not only improves efficiency but also ensures compliance with financial regulations while accommodating our global supplier network's diverse invoice formats. The inclusion of an error handling mechanism further minimizes the risk of overlooking invoices, allowing our finance team to maintain control and efficiency in handling incoming invoices, thereby supporting our organization's financial health and growth objectives.

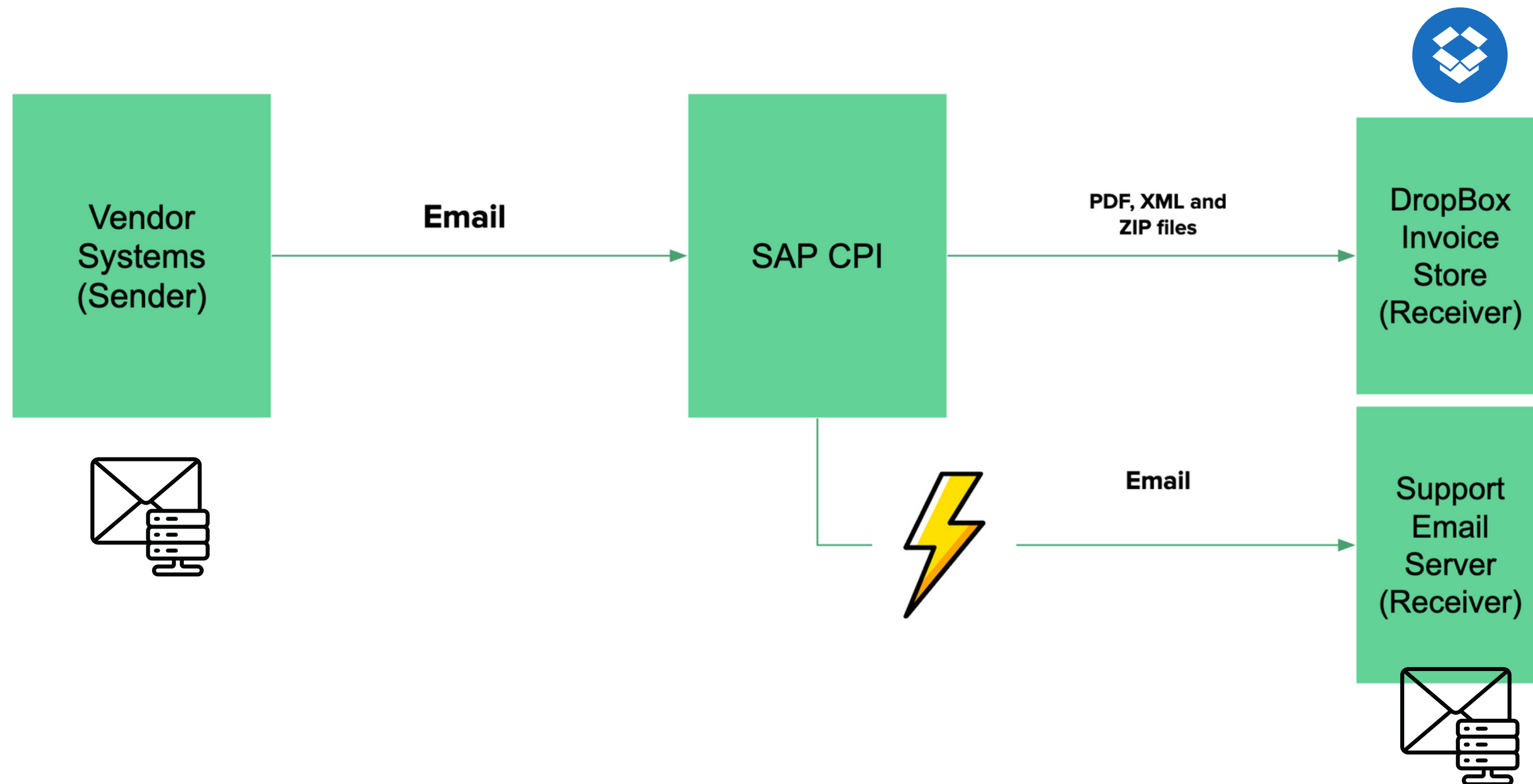
Rationale:

The rationale is to automate invoice processing, reduce manual efforts, and enhance accuracy by implementing the SAP CPI integration. This will streamline operations, **ensure compliance, and improve efficiency**, while the exception handling mechanism will help maintain control and support our organization's financial growth.

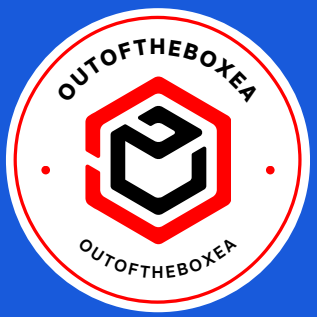


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HIGH LEVEL INTEGRATION FLOW



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SAP CPI TOPICS TO BE COVERED

- iFlow Design, Development, Deployment and Testing
- Palette Functions
 - Sender/Receiver Participants
 - Groovy Scripting
 - Exception Handling
 - Router
- Adapters
 - Email
 - DropBox



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YOUR UNDERSTANDING OF SCENARIO 2



Let us Understand - **BDAT**

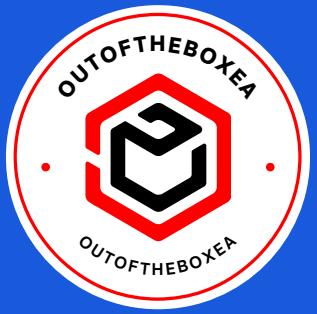
- B = Business**
- D = Data**
- A = Application**
- T = Technology**
- NFR = Non-Functional Requirements**

Business Process	B	Order To Cash
Sub Process	B	Accounts Payable Process
Sender System	B	Vendor Invoice Systems
Receiver System	B	Invoice Store System
Sender Data Structure	D	Invoices
Receiver Data Structure	D	Invoices (PDF, XML and ZIP)
Sender Adapter	A	Email
Receiver Adapter	A	DropBox
Source System Type	T	Email Server
Receiver System Type	T	Cloud Based Document Management System
Integration Broker	T	SAP CPI
Mapping		1-1
Complexity	NFR	Medium
Data Volumes	NFR	1-10000 Orders/Day
Error Handling	NFR	In case of error email notify Support team by email



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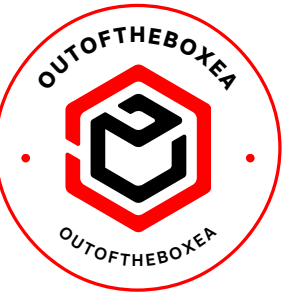
TOOLS NEEDED



- SAP CPI Integration Flow Editor (For iFlow Development, Testing and Monitoring)
- Email Account (gmail in this example)
- DropBox Access (User and API)
- An undistracted mind :)



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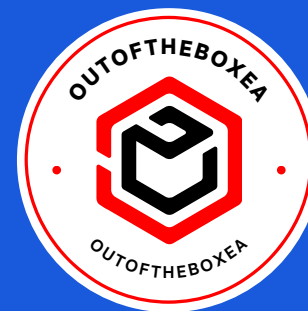


LINKS NEEDED FOR THIS DEMO

- Authorization URL
 - https://www.dropbox.com/oauth2/authorize?token_access_type=offline
- Token Service URL
 - <https://api.dropboxapi.com/oauth2/token>
- DropBoxLogin
 - <https://www.dropbox.com/>
- DropBox Developer Portal
 - <https://www.dropbox.com/developers/apps>



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