Term	Description
Flexcube	Core Banking Application

2 INTRODUCTION

2.1 Document Objectives

The Interface Control Document (ICD) represents ICG Technology's approach to documenting the interfaces between partner systems. It defines both inbound and outbound interfaces. An interface defines a specific physical interaction that will need to occur between the system and an external application in response to some business event. The functional design describes the scenario(s) where this interface will be invoked and describes some needs and initial designs for how the interface will work. It details the functional interface requirements of the proposed system, but will not necessarily cover any elements of the implementation; needed for the developer to derive the detailed technical design and to develop the objects.

2.2 Document Scope

Sr No	Service ID	Service Name	Operation Code	Version
1	FC-IAM-ACCRES-PS	FLXB-FS-AccPostRestNotification	PublishAccRest	1.0

2.3 Document Version Control

Any changes to the interface requirement will result in the re-issue of this document with a comment in the version history.

3 PROJECT OVERVIEW

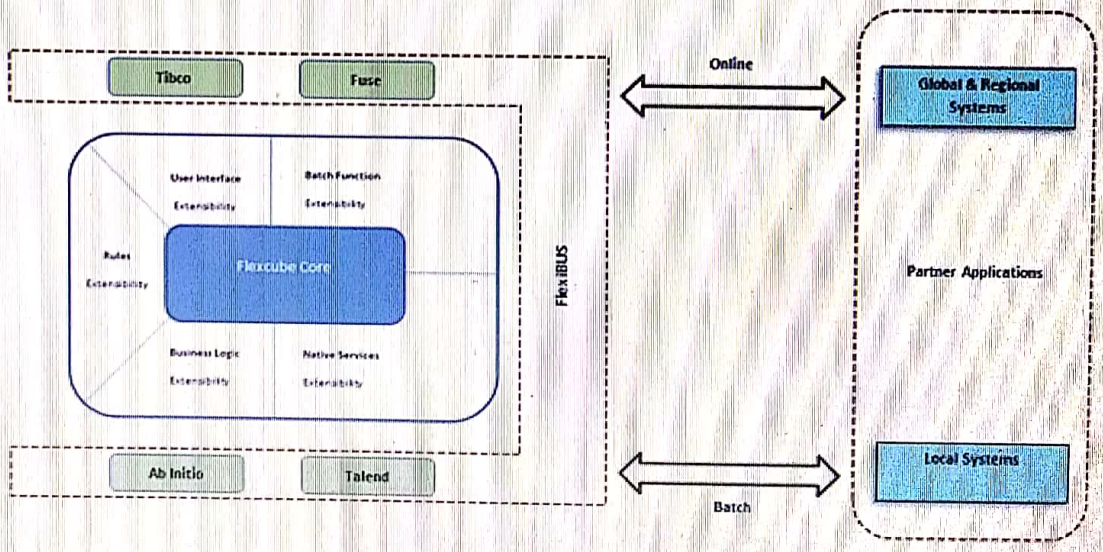
3.1 Project Scope

The purpose of this project is to create a publish service for Account Posting Restriction Notifications. The following countries are in current scope.

Country	Flexcube Branches
NETHERLANDS	NL2
SPAIN	ES2
DENMARK	DK1
UNITED KINGDOM	GB1
UNITED KINGDOM	GB3
HUNGARY	HU0
UNITED ARAB EMIRATES	AE1
UNITED ARAB EMIRATES	AE2
UNITED ARAB EMIRATES	AE3
UNITED ARAB EMIRATES	AE5
POLAND	PL0
POLAND	PL1
CZECH REPUBLIC	CZ0

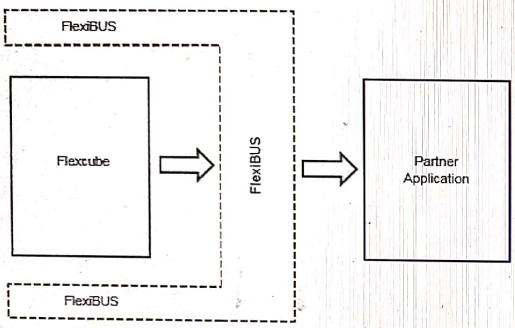
3.2 High Level Interface Architecture Overview

The diagram below shows the high-level interface architecture overview. A detailed technical and in-depth architecture will be put in place and will be part of the respective service proposal/ design document.



4 INTERFACE APPROACH

4.1 Process Flow



FlexiBUS serves as the BUS layer for communications between Flexcube and Partner.

4.2 Participants

The following teams were involved during the Interface analysis sessions.

Group Name	Team Member
FlexiBUS EMEA Technology	- Sujay Nanjashetty - Sanjeev Chawla - Jaydeep Choudhury - Deepak Kumar Behera

5 INTERFACE ANALYSIS

5.1 In Scope

- Publish Account Restriction status to Flexcube downstream applications
- Apply a global format for the messages irrespective of region/country

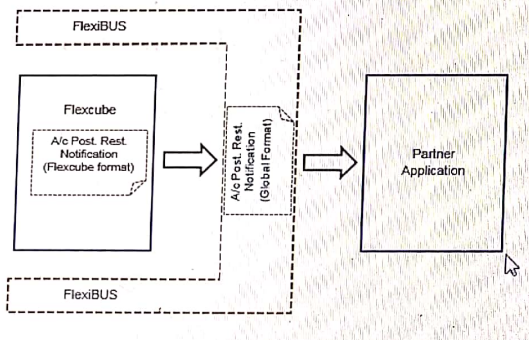
5.2 Out of Scope

- Any changes in Flexcube or Partner Applications
- Changes in existing feed formats to Flexcube downstream systems
- No region specific validations

6 INTERFACE DETAILS

6.1 Account Posting Restriction Notification

6.1.1 Requirement Overview



- This service is used to notify posting restrictions on accounts i.e., Post No Credit, Post No Debit, Frozen, Blocked etc.
- Flexcube is sending the End of day and Start of day signals in current BAU.

- When Flexcube is online, it will generate notifications in region-specific XML formats
- Based on this data, FlexiBUS will generate messages in real time (in global format) for partner applications

Requirement ID	Interface Name	Interface Description	Type / Direction (w.r.t Flexcube)	FlexiBUS service name	FlexiBUS operation name	BRD/FRD Ref
FLXB-ACC-NOTIF-001	Account Posting Restriction Notification	Notify GCE about posting restrictions on accounts in real time	Outbound	FLXB-PS-AccPostRestNotification	PublishAccRest	FLEXCUBE MDD - Online Status Notification to GCE V1.1.docx

6.1.2 Functional Usage

i. The messages are generated intraday by Flexcube
ii. Flexcube provides the messages in Flexcube (region-specific) XML format
iii. The Flexcube header nodes follow FCUBS_HEADERType
iv. FlexiBUS will convert it to global format for consumption by partner applications
v. The headers follow FlexiBUS standards
vi. FlexiBUS will retain the Flexcube tag names for the attributes
vii. The missing attributes will be represented with empty tags
viii. The attributes – **CUST_AC_NO, BRANCH, SINCE** – are mandatory and the FlexiBUS validations are limited to verifying their presence in the message

6.1.3 Requirement Specification

6.1.3.1 FLXB-ACC-NOTIF-001: FLXB-PS-AccPostRestNotification

Service Name | Operation Name	FLXB-PS-AccPostRestNotification | PublishAccRest
Type (Online/Batch)	Online
Direction (Inbound/Outbound)	Outbound from Flexcube
Number of messages in a day (if inbound then max expected per day)	Triggered by changes to posting restrictions on accounts
Intraday or End of day	Intraday
Peak volume and peak time for the messages in a day	NA
Message format (XML, Fixed format)	XML
Triggering Requirement (Automatic processing, Processing at specified interval, schedule based, manual triggered, time based etc)	Automatic

Protocol (MQ, JMS, WebServices, etc)	Flexcube JMS> FlexiBUS JMS> Partner
Processing at FlexiBUS (Provide reference to processing logic section)	FlexiBUS will convert the Flexcube XML messages to Global XML format and transmit to Partner in real time. Message validations are limited to the attributes in Functional Usage section.
Handshake between Flexcube & FlexiBUS	NA
EOD/SOD requirement	NA
Acknowledgment requirement detail (Provide reference to acknowledgment layout section)	NA
Country in Scope	EMEA, NAM, LATAM, APAC

6.1.3.2 Specification, Sample Files and Mapping

Sl No	Interface Name	Schema Definition	Layout	Mapping	Sample File
1	Account Posting Restriction Notification	Flexcube_XSD.zip Global_XSD.zip	Account_Status_Restrictions_Publish-La	Account_Status_Restrictions_Publish-Ma	PublishAccRest.xml

6.1.4 Exception handling

- Alert mail will be generated at FlexiBUS and sent to configured DL list when an invalid message is received

6.1.5 Autosys handling

NA

7 ASSUMPTIONS & DEPENDENCIES

NA

8 RISKS

- Delay in closure of open items/agreement on specifications and sign-off on ICD from partners and other stake holders will have an impact on overall delivery.