MobiVue PMMS

Ajanta Pharma Ltd.

SAP & MobiVue PMMS System Integration Document (Inward & Sampling Module)

This document includes the functional and non- functional requirements for specification of the application designed for Ajanta Pharma.

Prepared By: Leena

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REVISION HISTORY

Revision Number	Date	Prepared By	Reviewed By	Comment
00	08.09.2023	Leena Patil	Sailendra Das	SAP & MobiVue PMMS Integration Document

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1 PROTOCOL APPROVAL

M/S Bar Code India Ltd.

	Name	Department	Designation	Sign & Date
Prepared By	Leena Patil	Software	Technical Document Writer	Patil C. 08.09.23
Reviewed By	Sailendra Das	Software	Business Analyst	08/09/23
Reviewed By	Hemant Gariya	Software	Development Lead	04/09/2023
Reviewed By	Rajeevkumar P	Software	Quality Tester	Raju P 2/09/23
Approved By	Gunjeet Singh	Software	Software Quality Lead	Gunjeet 08/09/2023

Ajanta Pharma Ltd :-

	Name	Department	Designation	Sign & Date
Reviewed By	Harish Chandra Dhal	Warehouse	Sr. Executive	Sep 09, 2023
Reviewed By	Deen Dayal Dubey	warehase	Asst manager	Sep 09, 2023
Reviewed By	Rahul Das	Warehouse	Sr. Manager	Sep 09, 2023
Reviewed By	Abhijit Dutta	IT	Sr. Executive	Sep 09, 2023
Reviewed By	Deboprasad	QC	Sr. Executive	Sep 09, 2023
Reviewed By	NA	NA	NA	NA
Reviewed By	Nakul kumar Binjhade	QA	Asst. Manager	Sep 09, 2023
Approved By	Pramod Kande B	QA	DGM	Sep 09, 2023

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2 INTRODUCTION

The purpose of this document is to list down all the SAP & PMMS MobiVue system integration for the business need identified by the user.

3 OBJECTIVE

The SAP & MobiVue PMMS Integration Document is a document that provides detailed information on the integration parameters between SAP & MobiVue PMMS system. The document is created based on the requirements identified by the user.

4 SCOPE

This document will contain the details of the SAP & MobiVue PMMS system integration (Implementation of Inward & Sampling module).

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5 SAP & MobiVue Integration

Integration Process:

1. Methods Web Services (PI Server):Transfer data from MobiVue PMMS to SAP– Web Service will be created at MobiVue PMMS end and SAP will call the same.

2. Transfer data from SAP to MobiVue PMMS – Web Service will be created at SAP team and MobiVue PMMS will call the same.

3. One (01) way integration and if the data is not received then retrigger will be done from SAP.

4. No acknowledgment will be sent from MobiVue PMMS to SAP as confirmed by SAP team (Ajanta Team).

5. Whenever there is updation in SAP for masters and transaction, data will be transferred to MobiVue PMMS as same time.

5.1 Master Data

5.1.1 Plant Master

SAP will send following filled and MobiVue PMMS will receive through interface.

1. Plant Code
2. Description
3. Tax Reg. No - NA
4. License – DL no from Invoice
5. GS1 Prefix - NA
6. Address1
7. Address2
8. Postal Code
9. City
10. State
11. Country
12. Email
13. Phone Number

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5.1.2 UOM MASTER

SAP will send following filled and MobiVue PMMS will receive through interface.

1. UOM
2. UOM description

5.1.3 MATERIAL MASTER

1. SAP will send below filled and MobiVue PMMS will receive through interface. Material Code
2. Material Description
3. Base UOM
4. Alternate UOM/ Conversion UOM
5. Grade
6. Denominator
7. Numerator
8. Conversion UOM
9. Material Type
10. Material Group
11. Flag to calculate expiry date
12. Shelf life- This cover in Flag to calculate expiry date
13. Retest Interval
14. Deletion flag
15. Blocked flag
16. Material status flag (Like- Quality, release, block etc.)

5.1.4 BATCH MASTER

- This will be the Material status details maintained in the MobiVue PMMS.
- Whenever any change in below filled of the materials in SAP system against the SAP batch no.
- SAP will send details to MobiVue PMMS, same will be updated against the materials in MobiVue PMMS.

SAP will send below changes to MobiVue PMMS:-

1. Material Code

2. Material Description

3. Batch No.

4. Vendor Batch No.

5. Mfg. Date

6. Exp. Date

7. Next Inspection date

8. Vendor Retest Date

9. Batch Status

10. Retest Inspection Lot no

11. More than 5 year expiry date

12. Batch Potency

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5.2 PROCESS INTEGRATION

5.2.1 RECEIVING MATERIAL AGAINST THE PURCHASE ORDER /STO

Purchase order /STO data will be send by the SAP to the MobiVue PMMS system and same will be received by the interface.

1. Plant
2. PO No. /STO No.
3. PO Date/ STO Date
4. PO Status
5. Line Item No. (in sequence)
6. Purchase Order/STO Qty.
7. Order UOM
8. Item Code
9. Item Description
10. Vendor Name
11. Vender code
12. Manufacturer code
13. Manufacturer name
14. Delivery Date
15. Material Type
16. Material group

5.2.2 GRN Data Posting & Re-Posting To SAP

Below data will be transfer from MobiVue PMMS to SAP during GRN posting

1. Item code
2. Item description
3. Vendor code
4. Vendor description
5. Vendor batch
6. Net Qty.
7. UOM
8. Purchase order
9. PO Line item
10. LR no.
11. LR date
12. Vehicle No.
13. No. of cases
14. Transporter name
15. Mfg. Date
16. Exp. Date
17. Re-test Date
18. Text Remark (Pack Size -Line Item wise)
19. Vendor retest Date
20. Manufacturer name and code
21. Vendor name and code
22. DC No. (Delivery Note)
23. Invoice No. (Bill of Lading)
24. Invoice Date (Document Date)
25. Header Remark
26. Storage Condition
27. Storage location
28. Line Item
29. Invoice Quantity
30. Number of Container

bci visibility intelligence value

31. Quantity per container

32. Storage location name

33. Line number

34. Expiry date remark

35. Text filled

36. Posting date (GRN Date)

37. GRN Prepared By

38. Invoice Number

39. Challan Number

40. Challan date

41. Header text

5.2.3 GRN POSTING RESPONSE

Below data will be transfer from SAP to MobiVue PMMS during GRN posting

1. GRN No.

2. GRN Date

3. Item Code

4. Item description

5. Line item

6. Inspection lot no.

7. SAP Batch No.

8. Next Inspection Date

9. Batch Status (Quality, release, block etc.)

10. Storage condition

11. Mfg. Date

12. Exp. Date

13. Vendor retest date

14. Stock UOM

15. Movement type

16. Movement date

17. Movement Description

5.2.4 GRN CANCELLATION INPUT

Below data will be transfer from MobiVue PMMS to SAP during GRN cancellation:-

1. GRN No.
2. Purchase order no.
3. Material Code
4. Material Description
5. Quantity
6. UOM
7. Storage Location
8. SAP Batch No.
9. Line item no.
10. Header Text (Remark)
11. Cancelled By
12. Cancelled Date

5.2.5 MATERIAL RELEASE / REJECTION INTERFACE (QC DATA)

Below data will be transfer from SAP to MobiVue PMMS during Material Release by QC:-

1. Item Code
2. Inspection Lot and its status
3. SAP Batch No.
4. Batch Status (Quality/Approved/Reject/blocked)
5. Next Inspection Date / Retest Date
6. Rejected /Released/ Blocked on Date
7. Rejected /Released/ Blocked Qty.
8. Movement type
9. Reject/blocked Remark
10. Mfg. date
11. Exp. Date
12. Batch Potency
13. Vendor retest date

5.2.6 MATERIAL RETURN FROM PRODUCTION TO STORE

i.   **Below data will be transfer from SAP to BCI during material return:-**

    a.   Material Document No.(This is the SAP response document number ,received against issue to production)

    b.   Document date

    c.   Material Document Year

    d.   Process Order number/reservation no

    e.   Item Code

    f.   Line Item No. (In sequence)

    g.   Material Description

    h.   SAP Batch No

    i.   Return qty. Qty.

    j.   UOM

    k.   Movement type

    l.   AR No.

    m.   Document No.

    n.   Storage Location

ii.   **Below data will be transfer from BCI to SAP after material return:-**

    a.   Material Document No.

    b.   Document date

    c.   Process Order number/reservation no

    d.   Material Document Year

    e.   Product Name

    f.   Product Batch No.

    g.   Product Code

    h.   Item Name

    i.   Item Code

    j.   Line Item No.

    k.   Material Description

    l.   SAP Batch No

    m.   Qty.

    n.   UOM