



Pharmacy Information System (PhIS) and Clinic Pharmacy System (CPS)

User Manual PhIS Plus

Vaccine Management

Version	: 1.0
Document ID	: U.MANUAL_FAC_PhIS+_RCV_SERIALIZATION

Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	28/1/2021	Ahmad Anwar Bin Jaafar		Initial Document

Verified and Acknowledged By:

Name	Role /Designation	Organization	Signature & Date

Name	Role / Designation	Organization	Signature & Date
		Bahagian Perkhidmatan Farmasi (BPF), KKM	

Peer Review

Version No	Reviewer	List of changes from Previous Version
1.0		Initial Document



CONFIDENTIAL COPYRIGHTED MATERIAL–The information includes all concepts, comments, recommendations, and material, contained herein shall remain the property of Pharmacy Information System & Clinic Pharmacy System (PhIS& CPS) Project. No portion of this document shall be disclosed, duplicated or used in whole or in part of any purpose other than the purpose of the Pharmacy Information System & Clinic Pharmacy System (PhIS& CPS) Project execution only

Reference ID : U.MANUAL_FAC_PhIS+_RCV_SERIALIZATION-v1.0

Application reference: PhIS & CPS version 2.3

Table of Contents

1.0	Introduction	1
1.1	Overview of PhIS Plus	1
1.2	Purpose and Objectives	1
1.3	Organised Sections	1
2.0	Application Standard Features	2
2.1	PhIS Plus Legend	2
3.0	Vaccine Management	3
	Overview	3
	User Group	3
	Functional Diagram	3
3.1	Login to IWP	4
3.2	Receiving and Serialization	6
3.2.1	Serialize and Commission	8
3.2.2	Release and Confirm	13
3.2.3	Reject records	16
3.3	Serialization Management	18
4.0	Acronyms	23

1.0 Introduction

1.1 Overview of PhIS Plus

Pharmacy Information System Plus or better known as PhIS Plus is a complete and comprehensive system for health care sector, which includes a centralized vaccine management platform that can manage mass vaccination by including Vaccine Centralized Procurement and Vaccine Distribution process

1.2 Purpose and Objectives

This user manual outlines the PhIS Plus and its key features and functionalities. The primary objective is to help guide users through the process of completing the application process.

User will understand the following activities in details:

- Receiving and Serialization
- Serialization Management



1.3 Organised Sections

These are the sections within this document:

- Section 1 : Introduction
- Section 2 : Application Standard Features
- Section 3 : Vaccine Management
- Section 4 : Acronyms

2.0 Application Standard Features

2.1 PhIS Plus Legend

Standard Legend			
	Login to PhIS		Logout from PhIS
	Change Login Password		Reset Login Screen
	Expand Menu		Collapse Menu
	Display Home Tab		Expand Module
	Collapse Module		Close All Open Tabs
	Refresh Screen		Search Record
	Add/Create New Record		Commission
	Confirm		Mandatory Field
	Calendar Icon		Cancel
	Close Window		Save
	Reject Transaction		Reject All
	Release All		Clear
	Release		Serialize

3.0 Vaccine Management

Overview

Vaccine Management modules consist of two (2) function which is Receiving and Serialization management. This is a process of assigning a unique serial number for each of vaccine product received from supplier.

User Group

This module is intended for user at PSV (Pusat Simpanan Vaksin)

Functional Diagram

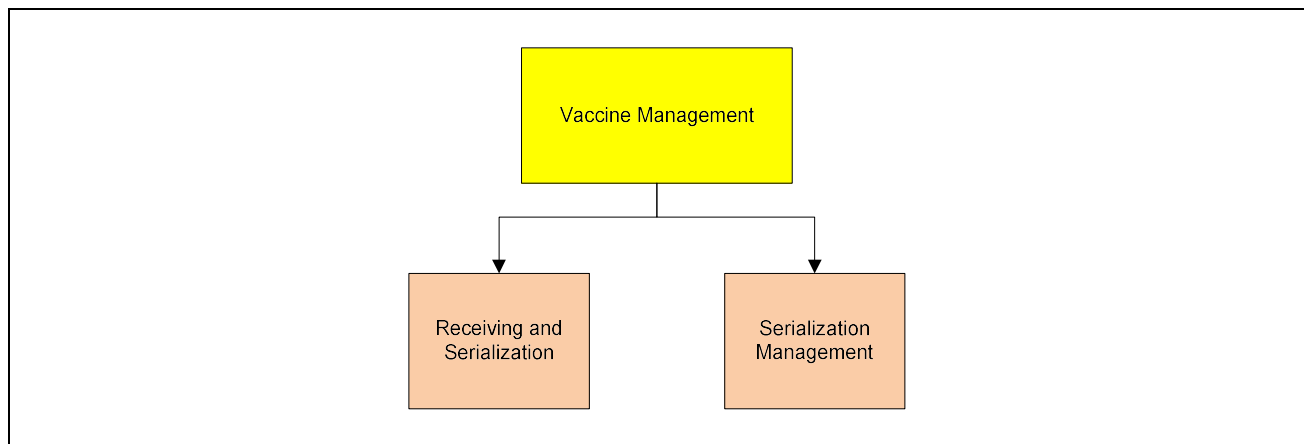


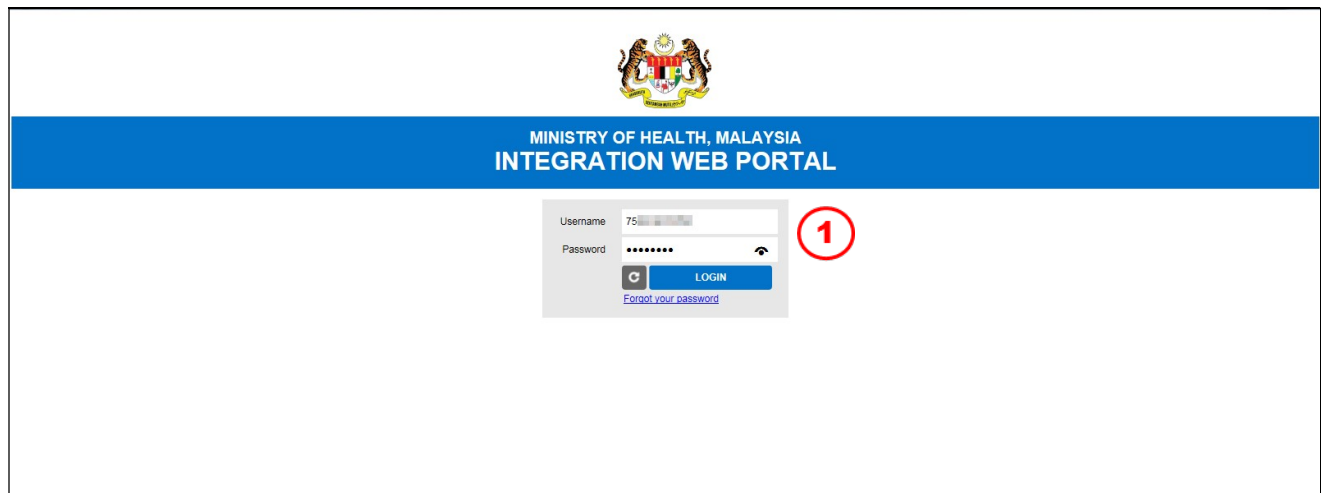
Figure 3.0-1

3.1 Login to IWP

To log in to receiving and serialization, follows step below:

Note

- PSV (Pusat Simpanan Vaksin) facility that using PhIS & CPS will log in to IWP to perform Receiving and Serialization process
- PSV (Pusat Simpanan Vaksin) facility that not using PhIS & CPS, users account need to be created in IWP in order to access and perform Receiving and Serialization process

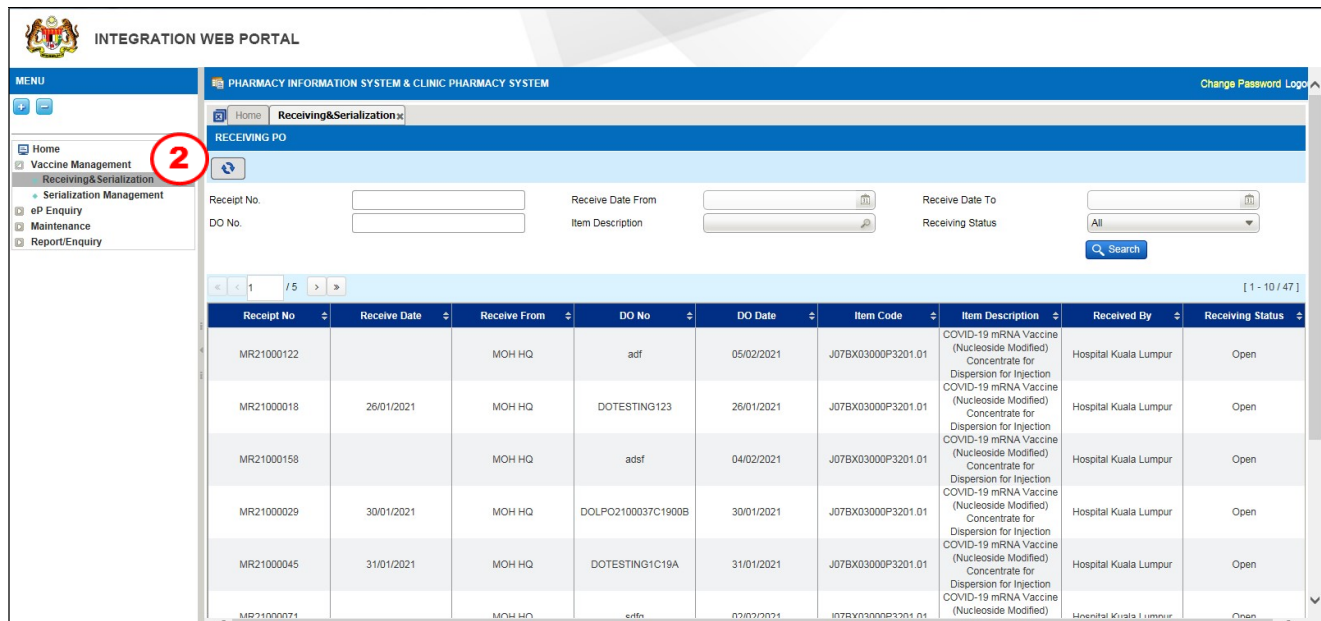


The screenshot shows the login interface of the Integration Web Portal. At the top, there is a blue header with the Ministry of Health Malaysia logo and the text "MINISTRY OF HEALTH, MALAYSIA INTEGRATION WEB PORTAL". Below the header, there is a login form with fields for "Username" (containing "75") and "Password" (masked with dots). A "LOGIN" button is present, along with a link for "Forgot your password". A red circle with the number "1" is placed next to the login form.

Figure 3.1-1 Login to IWP

STEP 1

Enter **Username** and **Password** then click on the button. IWP screen will be displayed as Figure 3.1-2



The screenshot shows the IWP Home Page. At the top, there is a blue header with the Ministry of Health Malaysia logo and the text "MINISTRY OF HEALTH, MALAYSIA INTEGRATION WEB PORTAL". Below the header, there is a navigation menu on the left with options: Home, Vaccine Management, Receiving & Serialization, eP Enquiry, Maintenance, and Report/Enquiry. The main content area is titled "RECEIVING PO" and contains a table with columns: Receipt No., Receive Date, Receive From, DO No., DO Date, Item Code, Item Description, Received By, and Receiving Status. A red circle with the number "2" is placed next to the "Receiving & Serialization" menu item.

Receipt No.	Receive Date	Receive From	DO No.	DO Date	Item Code	Item Description	Received By	Receiving Status
MR21000122		MOH HQ	adf	05/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000018	26/01/2021	MOH HQ	DOTESTING123	26/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000158		MOH HQ	adf	04/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000029	30/01/2021	MOH HQ	DOLPO2100037C1900B	30/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000045	31/01/2021	MOH HQ	DOTESTING1C19A	31/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000071		MOH HQ	entf	03/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open

Figure 3.1-2 IWP Homepage

STEP 2

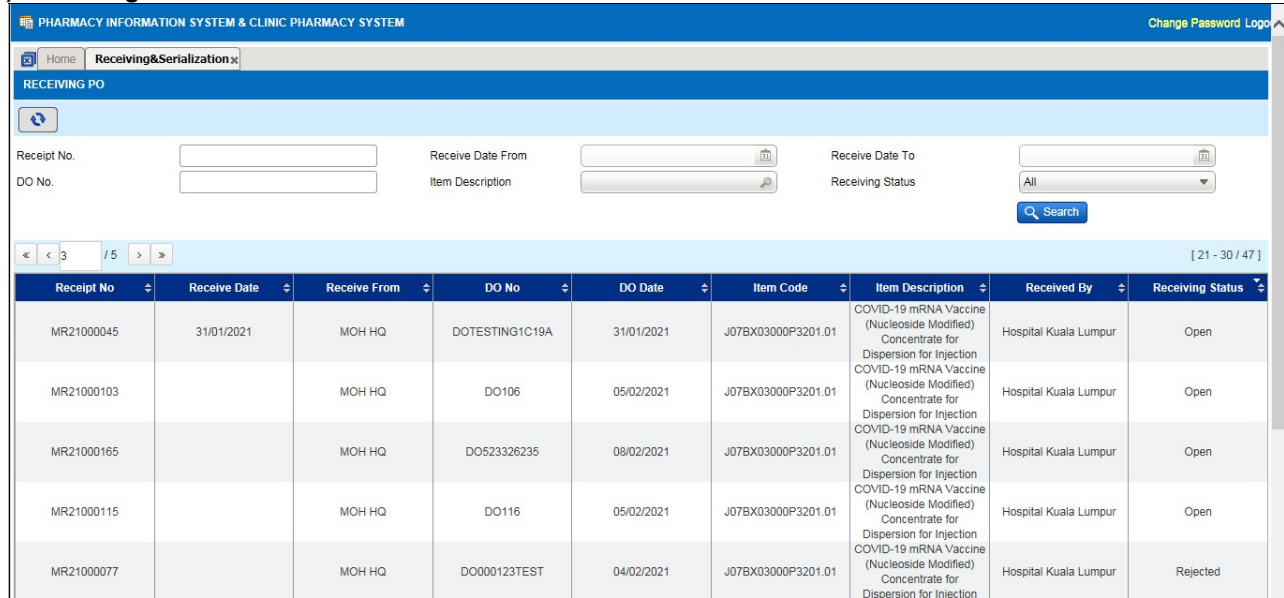
Go to 'Vaccine Management' menu

Note

There are two (2) sub module in Vaccine Management which is:-

- Receiving and Serialization
- Serialization Management

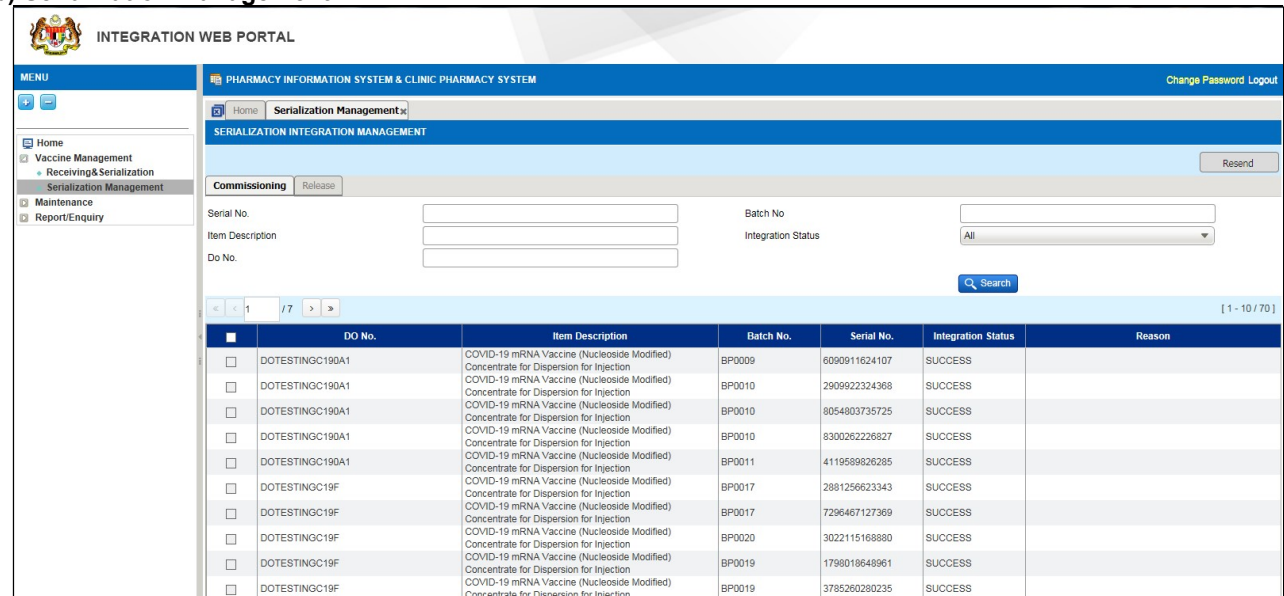
a) Receiving and Serialization



Receipt No	Receive Date	Receive From	DO No	DO Date	Item Code	Item Description	Received By	Receiving Status
MR21000045	31/01/2021	MOH HQ	DOTESTING1C19A	31/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000103		MOH HQ	DO106	05/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000165		MOH HQ	DO523326235	08/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000115		MOH HQ	DO116	05/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000077		MOH HQ	DO000123TEST	04/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Rejected

Figure 3.1-3 Receiving and Serialization

b) Serialization Management



DO No.	Item Description	Batch No.	Serial No.	Integration Status	Reason
DOTESTING190A1	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0009	6090911624107	SUCCESS	
DOTESTING190A1	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0010	2909922324368	SUCCESS	
DOTESTING190A1	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0010	8054803735725	SUCCESS	
DOTESTING190A1	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0010	8300262226827	SUCCESS	
DOTESTING190A1	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0011	4119598926285	SUCCESS	
DOTESTING19F	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0017	2881256623343	SUCCESS	
DOTESTING19F	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0017	7296467127369	SUCCESS	
DOTESTING19F	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0020	3022115168880	SUCCESS	
DOTESTING19F	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0019	1798018648961	SUCCESS	
DOTESTING19F	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0019	3785260280235	SUCCESS	

Figure 3.1-4 Serialization Management

3.2 Receiving and Serialization

User will be navigated to the receiving and serialization listing page.

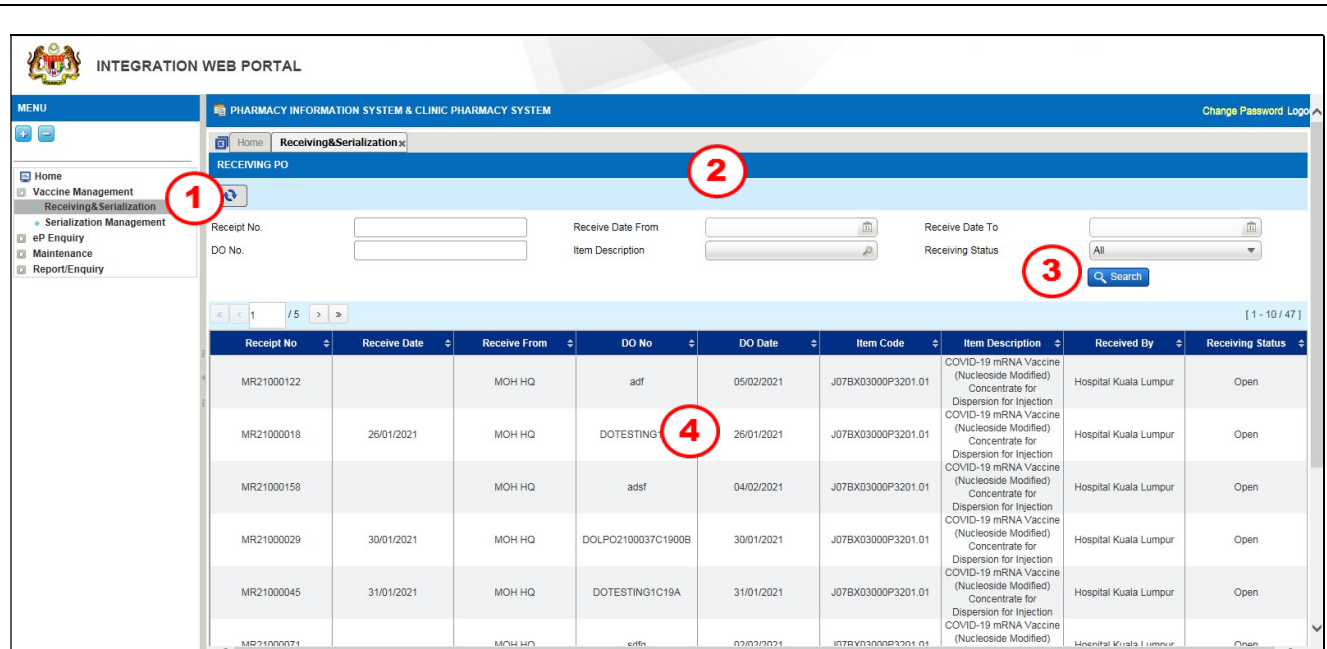


Figure 3.2-1 Receiving and Serialization

STEP 1

Go to 'Vaccine Management' menu and click on 'Receiving and Serialization' sub menu

Note

- List of records will be display based on the user login facility only
- List of records will be displayed Receiving Status as Open to proceed with receiving and serialization process


STEP 2

To search for existing records, user may search by criteria as follows:

No	Field	Description	Remark
a	Receipt No.	Receipt No	Allow user to filter and search Receipt No based on character
b	Do No.	Delivery Order No	Allow user to filter and search DO No based on character
c	Receive Date From	Search by selecting a date from the calendar	Filter and search existing records based on date. The date format will be 'DD/MM/YYYY'
d	Receive Date To	Search by selecting a date from the calendar	Filter and search existing records based on date. The date format will be 'DD/MM/YYYY'
e	Item Description	Search Item Description	Allow to search and filter based on Item Description selected
f	Receiving Status	Select status from drop down menu:- - All - Open - In Progress - Rejected - Closed	Filter and search existing records based on status

Table 3.2




STEP 3

Click on the  button to search and list of records will be displayed as per entered criteria

STEP 4

Double click on the records to open receiving and serialization screen as shown in figure 3.2-2

EXTERNAL RECEIVING AND SERIALIZATION

RECEIVING INFORMATION

Received No.
Received From
Facility Name
Receive Type
DO No
Item Group
Goods Received DateTime
Receipt Amount(RM)
Remarks

MR21000024
Contract DO
Hospital Kuala Lumpur
MPO
QQQ
Drug
01/01/2021 7:47 PM
110.00

Created Date
Facility Code
Issue Note Date
Status
Item Sub Class
Issue No.
Reject Reason

09/02/2021 12:31 PM
11-14010002

In Progress
Vaccine

RECEIVING DETAILS

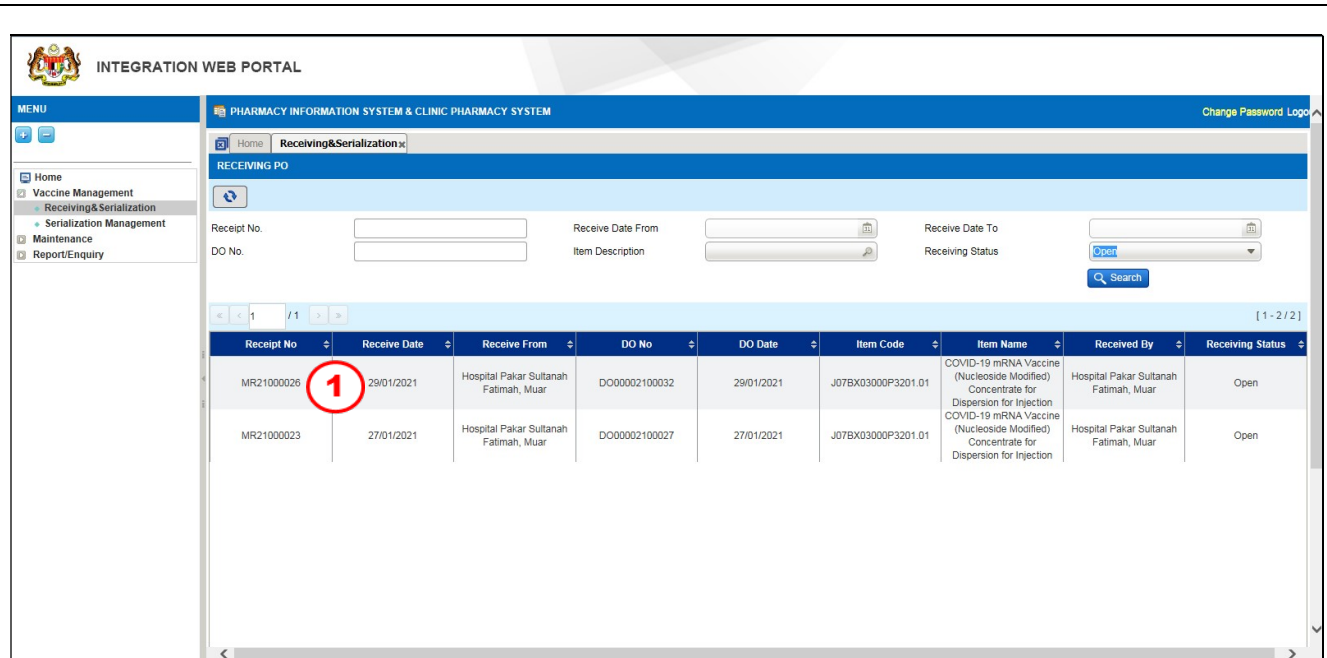
1 / 1

Item Code	Item Description	Batch No	Expiry Date	Packaging Description	Received Quantity(SKU)	Received Quantity(PKU)	Unit Price(RM)	Total Amount (RM)	Serialization Count	Serialization	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	11	30/01/2021	pack of 195 vial	2145	11	10.00	110.00	0	Serialize	Release

Figure 3.2-2 Receiving and Serialization

3.2.1 Serialize and Commission

To serialize and commission records, perform the step below



INTEGRATION WEB PORTAL

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

Home | Receiving&Serialization

RECEIVING PO

Receipt No. Receive Date From Receive Date To
 DO No. Item Description Receiving Status

Receipt No	Receive Date	Receive From	DO No	DO Date	Item Code	Item Name	Received By	Receiving Status
MR21000026	29/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DO00002100032	29/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	Open
MR21000023	27/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DO00002100027	27/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	Open

Figure 3.2.1-1 Receiving and Serialization

Note

Search record with Receiving status = Open to proceed with serialize and commission process

STEP 1

Double click on the records and Receiving and Serialization screen will be displayed as Figure 3.2.1-2

EXTERNAL RECEIVING AND SERIALIZATION

Commission Reject X

RECEIVING INFORMATION

Received No.
Received From
Facility Name
Receive Type
DO No
Item Group
Goods Received DateTime
Receipt Amount(RM)
Remarks

MR21000026
CPDO
Hospital Pakar Sultanah Fatimah, Muar
MPO
DO00002100032
Drug
29/01/2021 4:45:18 PM
11,000.00

Created Date
Facility Code
Issue Note Date
Status
Item Sub Class
Issue No.
Reject Reason

29/01/2021 10:27 PM
11-01060015

Open

2

RECEIVING DETAILS

1 / 1

Item Code	Item Description	Batch No	Expiry Date	Packaging Description	Received Quantity(SKU)	Received Quantity(PKU)	Unit Price(RM)	Total Amount (RM)	Serialization Count	Serialization	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	VR0001	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	0	Serialize	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	VR0002	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	0	Serialize	Release

3

Figure 3.2.1-2 Receiving and Serialization


Note

Information displayed for Receiving Information section and Receiving Details section is comes from Master Receiving entered at HQ (BPF) stage

STEP 2

Select **Good Receive Date and Time**

STEP 3

Click on the  button and Item Batch Details screen will be displayed as shown in Figure 3.2.1-3

ITEM BATCH DETAILS

i

Item Description
Packaging Description
Brand Name
Order Quantity(PKU)
Unit Price(PKU)
Conversion Factor

COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrat
pack of 195 vial
COMIRNATY
10
1100.0000
195

Item Code
Expiry Date
Batch No
Receiving Quantity(PKU)
Amount
SKU

J07BX03000P3201.01
30/06/2021
VR0001
5
5,500.00
pack

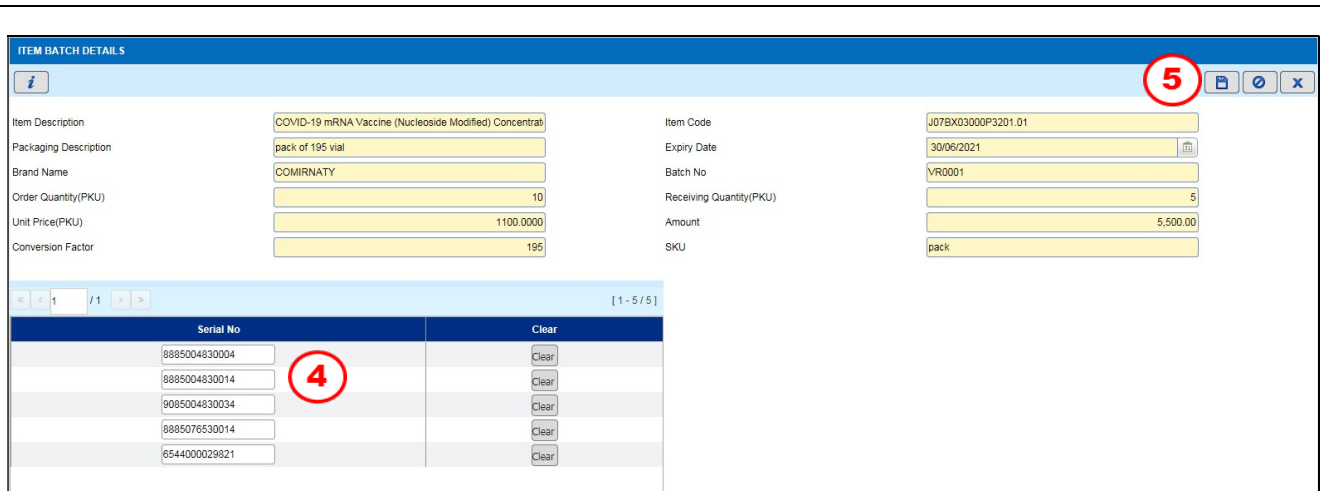
1 / 1

Serial No	Clear
	Clear

Figure 3.2.1-3 Item Batch Details

Note

- By default, one (1) row of Serial No will be displayed
- After entering Serial No on the first row, new row will be added
- Serial No row will be added based on the Receiving Quantity (PKU)



ITEM BATCH DETAILS	
Item Description	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrat
Packaging Description	pack of 195 vial
Brand Name	COMIRNATY
Order Quantity(PKU)	10
Unit Price(PKU)	1100.0000
Conversion Factor	195
Item Code	J07BX03000P3201.01
Expiry Date	30/06/2021
Batch No	VR0001
Receiving Quantity(PKU)	5
Amount	5,500.00
SKU	pack


Serial No	Clear
8885004830004	Clear
8885004830014	Clear
9085004830034	Clear
8885076530014	Clear
6544000029821	Clear

Figure 3.2.1-4 Item Batch Details

STEP 4

Enter all **Serial No**

Note

- User can use bar code device to scan serial number
- User can clear entered Serial No by click on the  button

STEP 5

Click on the  button to save the record

Note

- Confirmation message will be displayed as Figure 3.2.1-5

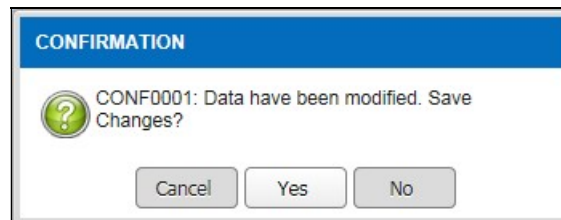


Figure 3.2.1-5 Confirmation Message

- Click on the  button and information message will be displayed as Figure 3.2.1-6

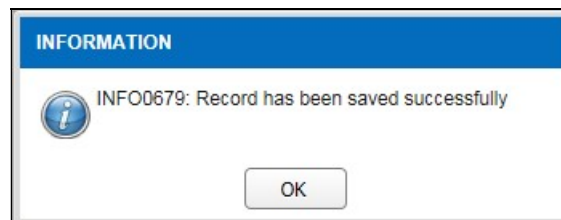



Figure 3.2.1-6 Information Message

- Click on the  button and system will go back to Receiving and Serialization screen as shown in Figure 3.2.1-7

6

EXTERNAL RECEIVING AND SERIALIZATION

Commission
Reject
X

RECEIVING INFORMATION

Received No. MR21000026

Received From CPDO

Facility Name Hospital Pakar Sultanah Fatimah, Muar

Receive Type MPO

DO No DO00002100032

Item Group Drug

Goods Received Date/Time 29/01/2021 4:45:18 PM

Receipt Amount(RM) 11,000.00

Remarks

Created Date 29/01/2021 10:27 PM

Facility Code 11-01060015

Issue Note Date

Status Open

Item Sub Class

Issue No.

Reject Reason

RECEIVING DETAILS

< 1 / 1 >
[1 - 2 / 2]

Item Code	Item Description	Batch No	Expiry Date	Packaging Description	Received Quantity(SKU)	Received Quantity(PKU)	Unit Price(RM)	Total Amount (RM)	Serialization Count	Serialization	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	VR0001	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	5	Serialize	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	VR0002	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	5	Serialize	Release

Figure 3.2.1-7 Receiving and Serialization

Note

- Successfully Serial No records will be updated on the Serialization Count in Receiving Details section
- User need to complete serialization for all batch no (if any) display in Receiving Details before can proceed for commission


STEP 6

Click on the Commission button

Note

- Confirmation message will be displayed as Figure 3.2.1-8

CONFIRMATION



CONF0001: Data have been modified. Save Changes?

Cancel
Yes
No

Figure 3.2.1-8 Confirmation Message

- Click on the Yes button
- Status will change to In Progress after successfully commission
- Tray Status will updated to Quarantine as shown in Figure 3.2.1-9
- Serial No records will be integrate into Vaccine Management System(VMS)

ITEM BATCH DETAILS

Item Description

COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrat

Item Code

J075X03000P3201.01

Packaging Description

pack of 195 vial

Expiry Date

30/06/2021

Brand Name

COMIRNATY

Batch No

BP0020

Order Quantity(PKU)

10

Receiving Quantity(PKU)

5

Unit Price(PKU)

1100.0000

Amount

5,500.00

Conversion Factor

195

SKU

pack

Release All

Reject All

1 / 1

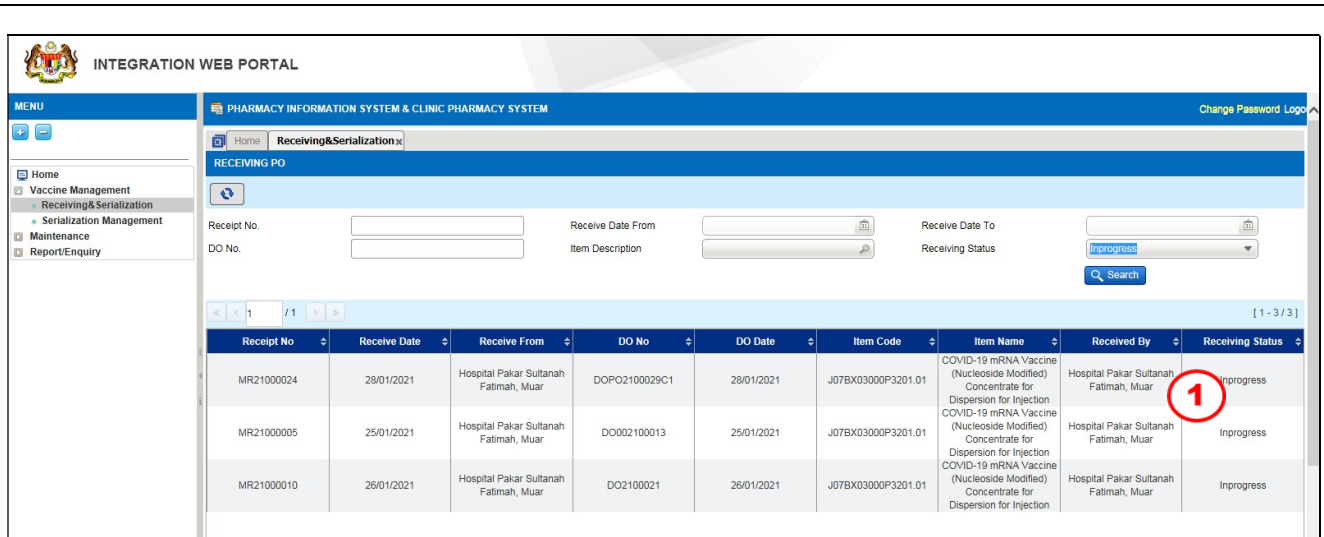
[1 - 5 / 5]

Serial No	Tray Status
1234794	Quarantine
1234821	Quarantine
1234862	Quarantine
1234950	Quarantine
1234971	Quarantine

Figure 3.2.1-9 Item Batch Details

3.2.2 Release and Confirm

To Release and Confirm records, perform the step below



RECEIVING PO

Receipt No. Receive Date From Receive Date To
 DO No. Item Description Receiving Status

Table Data:

Receipt No	Receive Date	Receive From	DO No	DO Date	Item Code	Item Name	Received By	Receiving Status
MR21000024	28/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DOPO2100029C1	28/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	In Progress
MR21000005	25/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DO002100013	25/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	In Progress
MR21000010	26/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DO2100021	26/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	In Progress

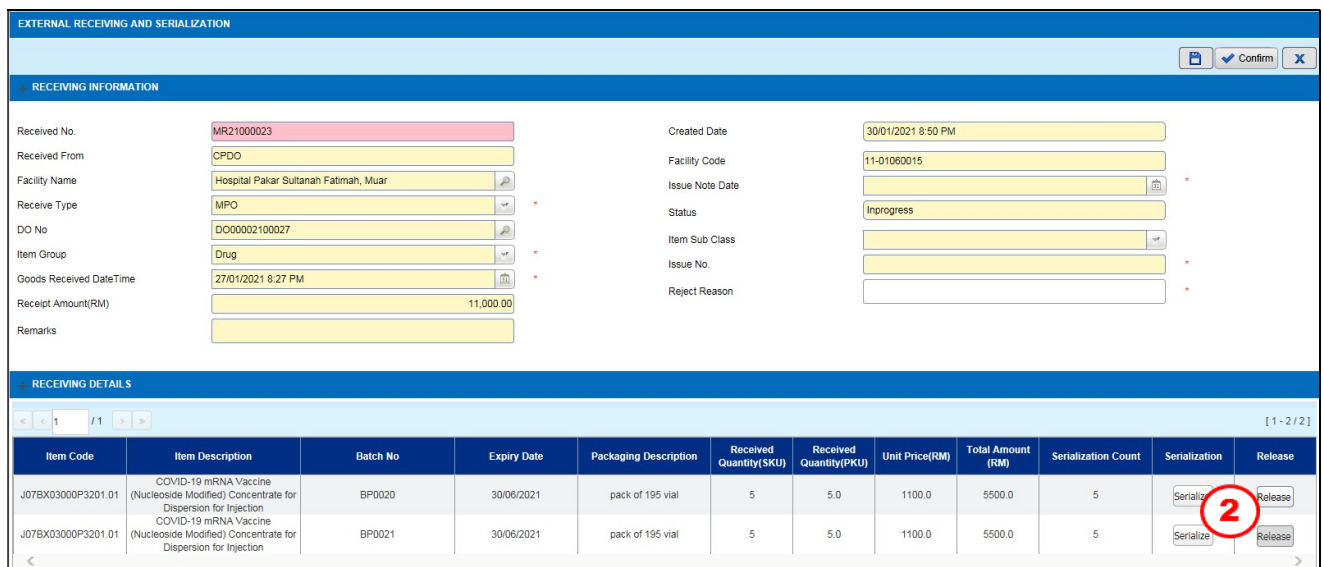
Figure 3.2.2-1 Receiving and Serialization

Note

Search record with Receiving status = In Progress to proceed with release and confirm process

STEP 1

Double click on the records and Receiving and Serialization screen will be displayed as Figure 3.2.2-2



EXTERNAL RECEIVING AND SERIALIZATION

RECEIVING INFORMATION

Received No. Created Date
 Received From Facility Code
 Facility Name Issue Note Date
 Receive Type Status
 DO No. Item Sub Class
 Item Group Issue No.
 Goods Received Date/Time Reject Reason
 Receipt Amount(RM)
 Remarks


RECEIVING DETAILS

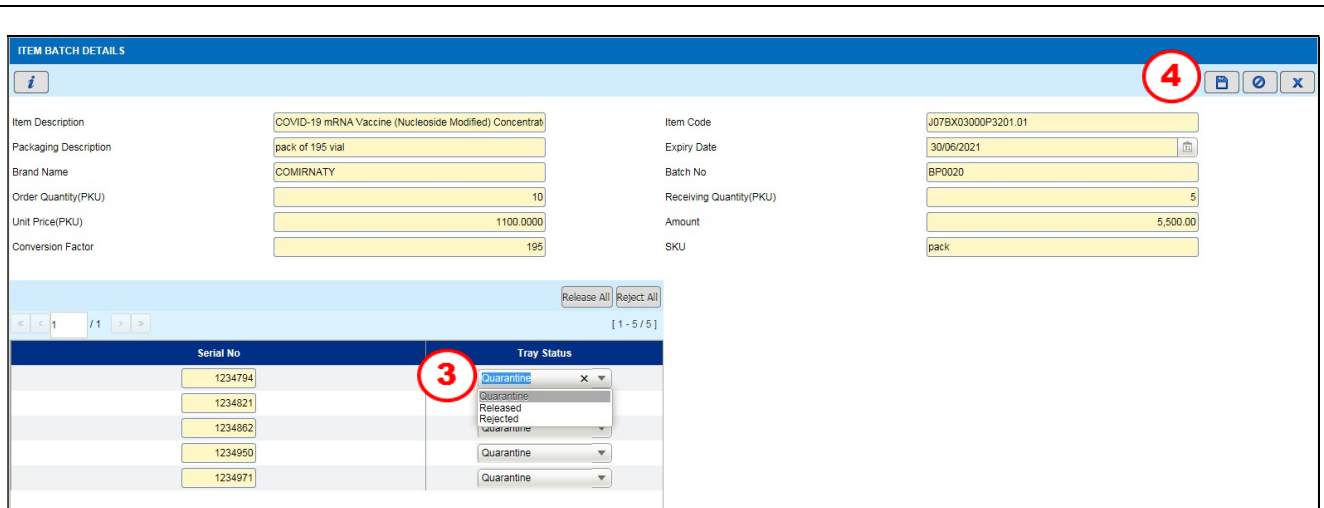
Table Data:

Item Code	Item Description	Batch No	Expiry Date	Packaging Description	Received Quantity(SKU)	Received Quantity(PKU)	Unit Price(RM)	Total Amount (RM)	Serialization Count	Serialization	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0020	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	5	Serialize	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0021	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	5	Serialize	Release

Figure 3.2.2-2 Receiving and Serialization

STEP 2

Click on the  button and Item Batch Details screen will be displayed as shown in Figure 3.2.2-3



ITEM BATCH DETAILS

Item Description: COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrat

Packaging Description: pack of 195 vial

Brand Name: COMIRNATY

Order Quantity(PKU): 10

Unit Price(PKU): 1100.0000

Conversion Factor: 195

Item Code: J07BX03000P3201.01

Expiry Date: 30/06/2021

Batch No: BP0020

Receiving Quantity(PKU): 5

Amount: 5,500.00

SKU: pack

Release All Reject All

[1 - 5 / 5]

Serial No	Tray Status
1234794	Quarantine
1234821	Quarantine
1234862	Quarantine
1234950	Quarantine
1234971	Quarantine

Figure 3.2.2-3 Item Batch Details


STEP 3

Change **Tray Status** to **Release** or **Rejected** for each of serial number in the screen

Note

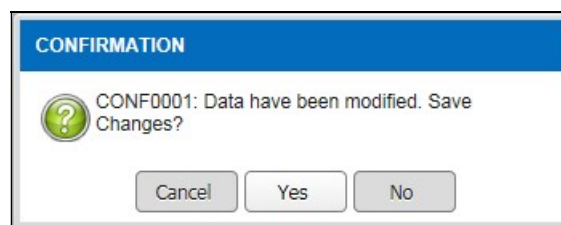
- User able to change all Tray Status to Rejected by click on the **Reject All** button
- User able to change all Tray Status to Released by click on the **Release All** button

STEP 4

Click on the  button to save the record

Note

- Confirmation message will be displayed as Figure 3.2.2-4



CONFIRMATION

CONF0001: Data have been modified. Save Changes?

Cancel Yes No

Figure 3.2.2-4 Confirmation Message

- Click on the **Yes** button

5

EXTERNAL RECEIVING AND SERIALIZATION

RECEIVING INFORMATION

Received No.

MR21000023

Created Date

30/01/2021 8:50 PM

Received From

CPDO

Facility Code

11-01060015

Facility Name

Hospital Pakar Sultanah Fatimah, Muar

Issue Note Date

Receive Type

MPO

Status

Inprogress

DO No

DO00002100027

Item Sub Class

Item Group

Drug

Issue No.

Goods Received Date/Time

27/01/2021 8:27 PM

Reject Reason

Receipt Amount(RM)

11,000.00

Remarks

RECEIVING DETAILS

1 / 1

[1 - 2 / 2]

Item Code	Item Description	Batch No	Expiry Date	Packaging Description	Received Quantity(SKU)	Received Quantity(PKU)	Unit Price(RM)	Total Amount (RM)	Serialization Count	Serialization	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0020	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	5	Serialize	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0021	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	5	Serialize	Release

Figure 3.2.2-5 Receiving and Serialization

Note

User need to update all batch (if any) Tray Status to Released or Rejected before can proceed to confirm the receiving. Repeat STEP 2 to STEP 4


STEP 5

Click on the  button

Note

- Confirmation message will be displayed as Figure 3.2.2-6

CONFIRMATION



CONF0128: Are you sure you want to approve the record?

Cancel


Yes

No

Figure 3.2.2-6 Confirmation Message

- Click on the  button and information message will be displayed as Figure 3.2.2-7

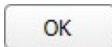
INFORMATION



INFO0673: Record approved successfully.

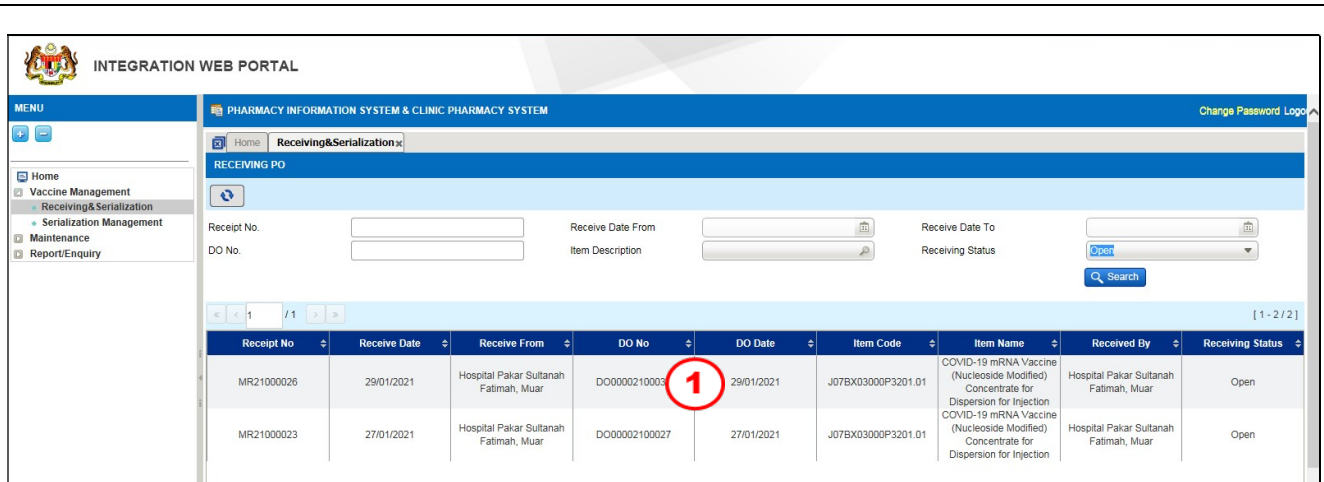
OK

Figure 3.2.2-7 Information Message

- Click on the  button and Status will change to 'Closed'
- Item which is Tray Status = Released, stock will be flow and update in the facility PhIS & CPS application

3.2.3 Reject records

To reject receiving and Serialization record, perform the step below



INTEGRATION WEB PORTAL

MENU

- Home
- Vaccine Management
- Receiving&Serialization
 - Serialization Management
- Maintenance
- Report/Enquiry

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

Change Password Logout

Home | Receiving&Serialization

RECEIVING PO

Receipt No. Receive Date From Receive Date To
 DO No. Item Description Receiving Status

[1 - 2 / 2]

Receipt No	Receive Date	Receive From	DO No	DO Date	Item Code	Item Name	Received By	Receiving Status
MR21000026	29/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DO0000210003	29/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	Open
MR21000023	27/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DO00002100027	27/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	Open

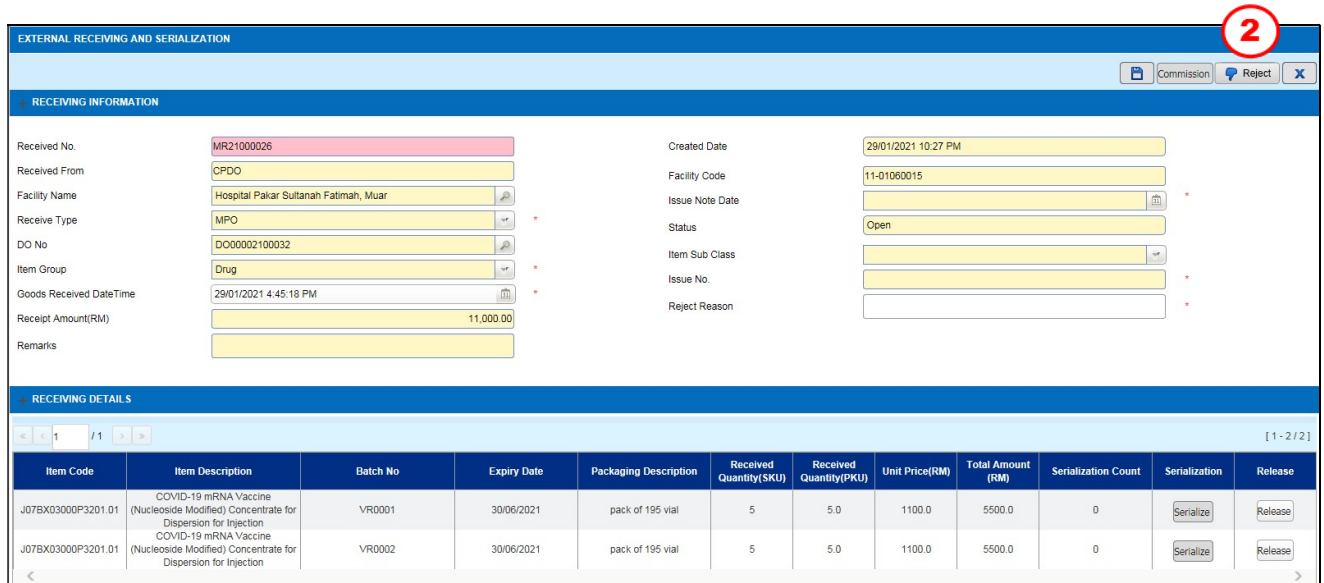
Figure 3.2.3-1 Receiving and Serialization

Note

- Search record with Receiving status = Open
- User is able to reject record before commission

STEP 1

Double click on the records and Receiving and Serialization screen will be displayed as Figure 3.2.3-2



EXTERNAL RECEIVING AND SERIALIZATION

Commission Reject X

RECEIVING INFORMATION

Received No. Created Date
 Received From Facility Code
 Facility Name Issue Note Date
 Receive Type Status
 DO No Item Sub Class
 Item Group Issue No.
 Goods Received Date/Time Reject Reason
 Receipt Amount(RM)
 Remarks

RECEIVING DETAILS

[1 - 2 / 2]

Item Code	Item Description	Batch No	Expiry Date	Packaging Description	Received Quantity(SKU)	Received Quantity(PKU)	Unit Price(RM)	Total Amount (RM)	Serialization Count	Serialization	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	VR0001	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	0	<input type="button" value="Serialize"/>	<input type="button" value="Release"/>
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	VR0002	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	0	<input type="button" value="Serialize"/>	<input type="button" value="Release"/>

Figure 3.2.3-2 Receiving and Serialization

STEP 2

Click on the  button to reject the record

Note

- Confirmation message will be displayed as Figure 3.2.3-3

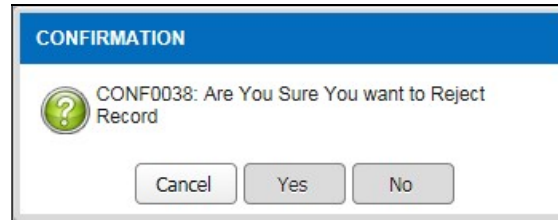


Figure 3.2.3-3 Confirmation Message

- Click on the  button and information message will be displayed as Figure 3.2.3-4

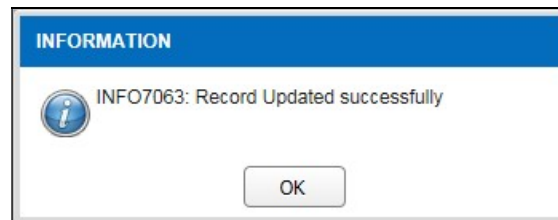

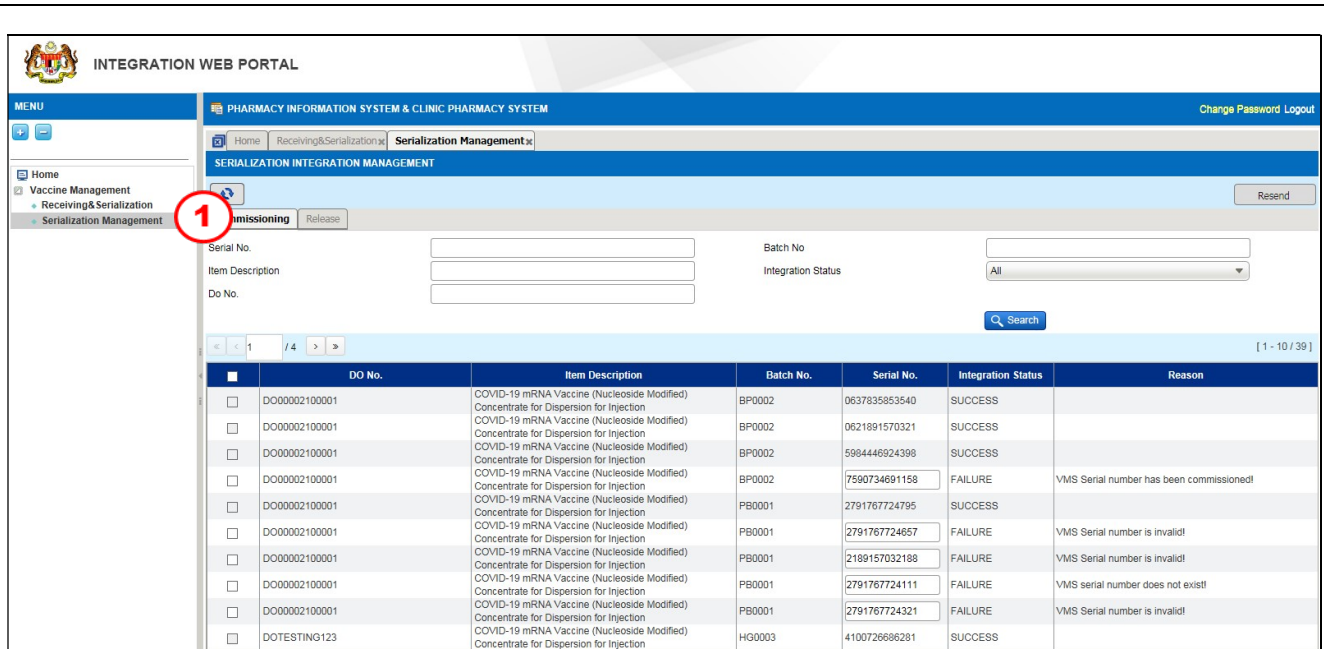


Figure 3.2.3-4 Information Message

- Click on the  button and Status will change to 'Rejected'

3.3 Serialization Management

To view or update Serial No integration to VMS, perform the step below



Integration Web Portal

MENU

- Home
- Vaccine Management
 - Receiving & Serialization
 - Serialization Management**

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

Change Password Logout

SERIALIZATION INTEGRATION MANAGEMENT

Commissioning Release

Serial No. Batch No.

Item Description Integration Status

Do No.

[1 - 10 / 39]

	DO No.	Item Description	Batch No.	Serial No.	Integration Status	Reason
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	0637835953540	SUCCESS	
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	0621891570321	SUCCESS	
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	5984446924398	SUCCESS	
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	7590734691158	FAILURE	VMS Serial number has been commissioned!
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2791767724795	SUCCESS	
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2791767724857	FAILURE	VMS Serial number is invalid!
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2199157032188	FAILURE	VMS Serial number is invalid!
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2791767724111	FAILURE	VMS serial number does not exist!
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2791767724321	FAILURE	VMS Serial number is invalid!
<input type="checkbox"/>	DOTESTING123	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	HG0003	4100726686281	SUCCESS	

Figure 3.3-1 Serialization Management

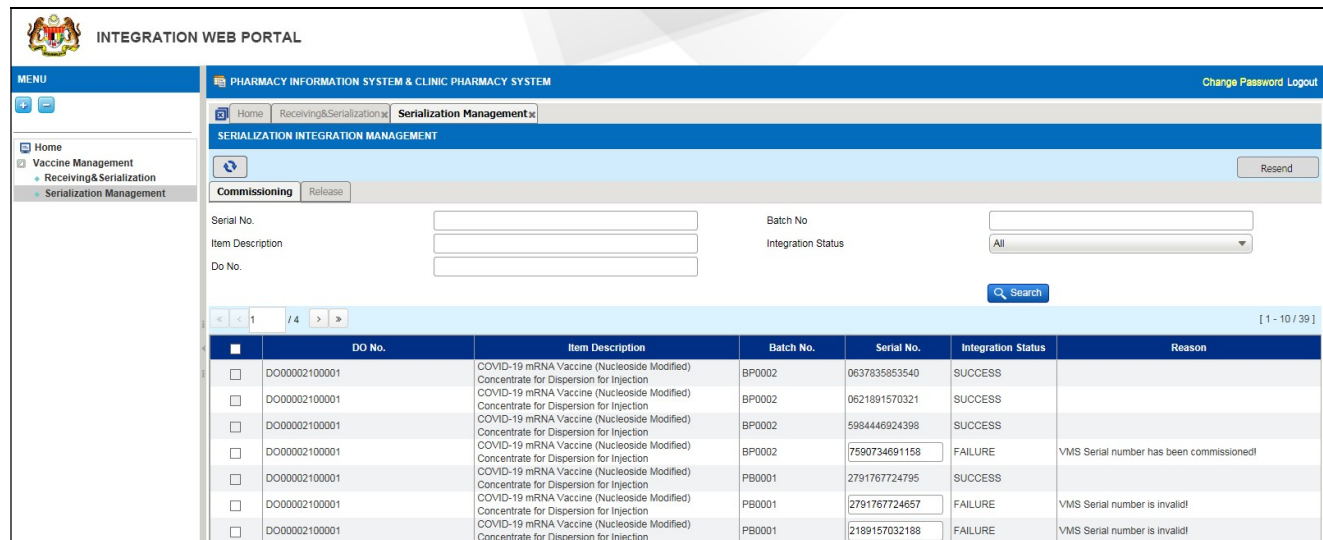
STEP 1

Go to 'Vaccine Management' menu and click on 'Serialization Management' sub menu and screen will be displayed as shown in Figure 3.3-1

Note

- Serialization Management consist of two (2) screen tabs which is:
 - Commissioning
 - Release
- By default, Commissioning screen will be displayed

View or Update Commissioning Serial No



Integration Web Portal

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

Change Password Logout

Home Receiving&Serializationx Serialization Managementx

SERIALIZATION INTEGRATION MANAGEMENT

Commissioning Release

Serial No. [] Batch No. []

Item Description [] Integration Status [All]

Do No. []

[Search]

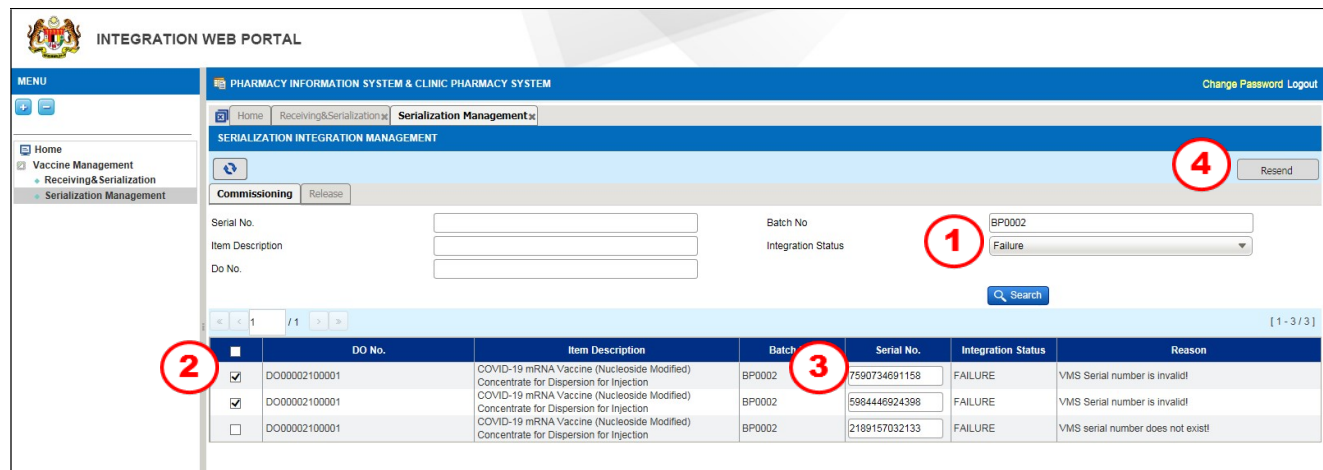
[1 - 10 / 39]

	DO No.	Item Description	Batch No.	Serial No.	Integration Status	Reason
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	0637835953540	SUCCESS	
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	0621891570321	SUCCESS	
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	5984446924398	SUCCESS	
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	7590734691158	FAILURE	VMS Serial number has been commissioned!
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2791767724795	SUCCESS	
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2791767724657	FAILURE	VMS Serial number is invalid!
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2189157032138	FAILURE	VMS Serial number is invalid!

Figure 3.3-2 Commissioning

Note

- Data displayed will be based on the Serial No entered in the Receiving and Serialization after commission process
- User can view the Integration Status of Serial No that integrate to VMS whether Success or Failure
- User is allowed to edit Serial No if the Integration Status = Failure and resend back to VMS



Integration Web Portal

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

Change Password Logout

Home Receiving&Serializationx Serialization Managementx

SERIALIZATION INTEGRATION MANAGEMENT

Commissioning Release

Serial No. [] Batch No. [BP0002]

Item Description [] Integration Status [Failure]

Do No. []

[Search]

[1 - 3 / 3]

	DO No.	Item Description	Batch	Serial No.	Integration Status	Reason
<input checked="" type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	7590734691158	FAILURE	VMS Serial number is invalid!
<input checked="" type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	5984446924398	FAILURE	VMS Serial number is invalid!
<input type="checkbox"/>	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	2189157032133	FAILURE	VMS serial number does not exist!

Figure 3.3-3 Commissioning

STEP 1

Search **Integration Status** as **Failure**

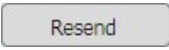
STEP 2

Click on the ☒ checkbox button

STEP 3

Enter New **Serial No.** or scan using Bar Code scanner

STEP 4

Click on the  button

Note

- Information message will be displayed as Figure 3.3-4

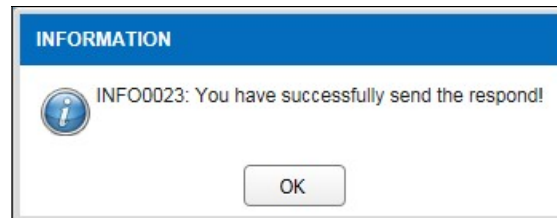

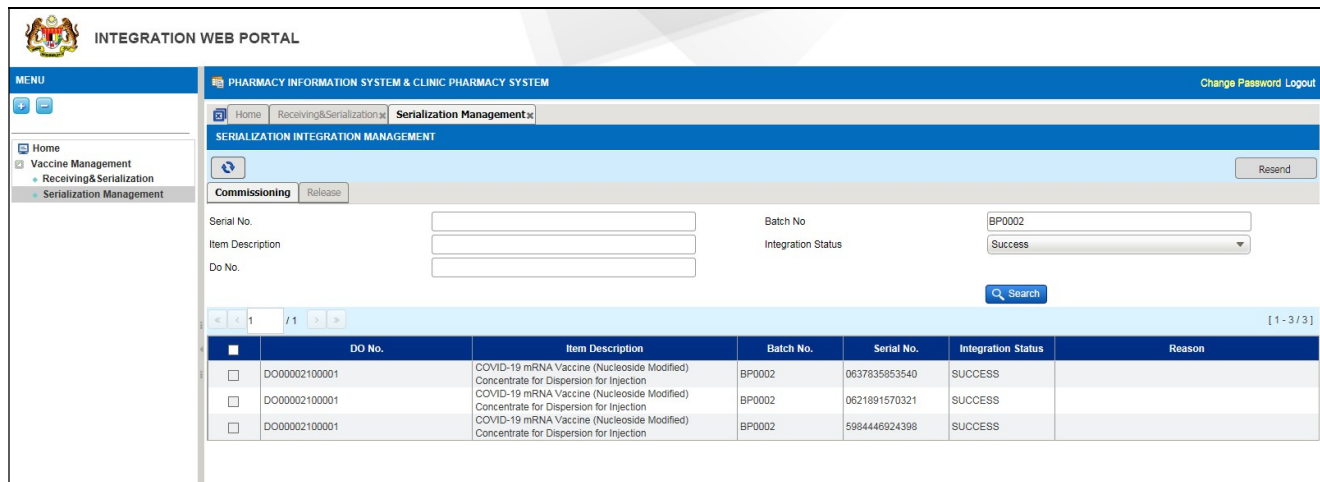


Figure 3.3-4 Information Message

- Click on the  button
- Integration Status will be updated to Success after successfully resend serial no to VMS as shown in Figure 3.3-5

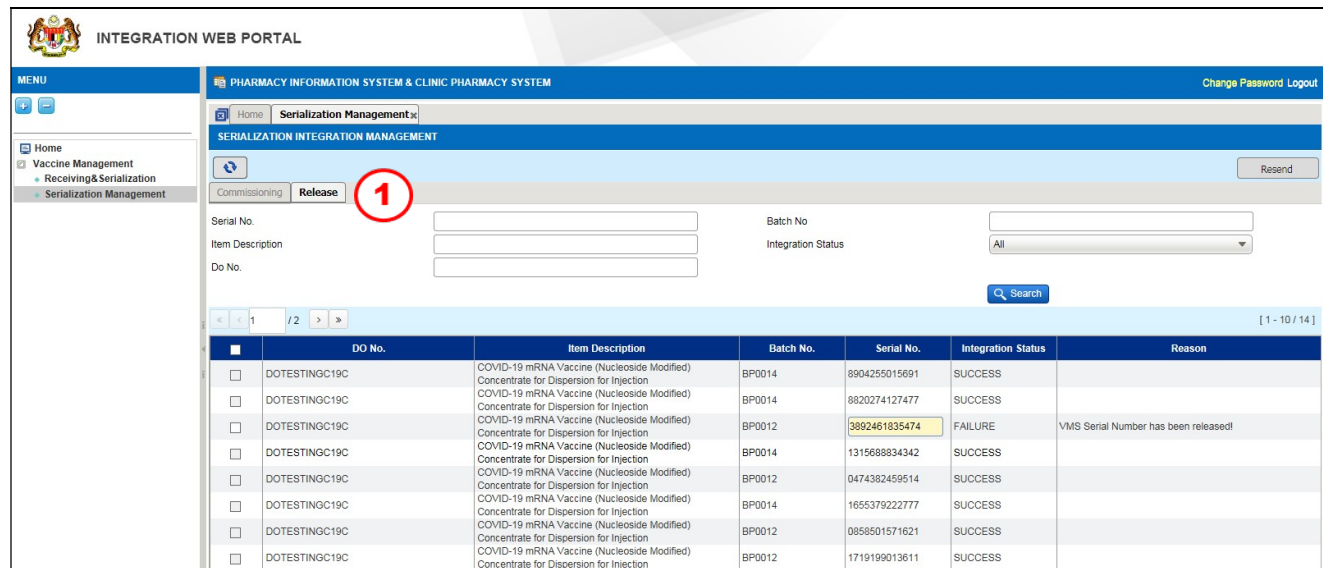


The screenshot shows the "INTEGRATION WEB PORTAL" interface. The top navigation bar includes "Home", "Receiving&Serialization", and "Serialization Management". The left sidebar menu shows "Home", "Vaccine Management", "Receiving&Serialization", and "Serialization Management". The main content area is titled "SERIALIZATION INTEGRATION MANAGEMENT" and features a "Resend" button. Below this, there are input fields for "Serial No.", "Item Description", and "Do No.", along with a "Batch No." dropdown menu set to "BP0002" and an "Integration Status" dropdown menu set to "Success". A "Search" button is located below the input fields. At the bottom, there is a table with 7 columns: "DO No.", "Item Description", "Batch No.", "Serial No.", "Integration Status", and "Reason". The table contains 3 rows of data, all with an "Integration Status" of "SUCCESS".

DO No.	Item Description	Batch No.	Serial No.	Integration Status	Reason
DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	0637835853540	SUCCESS	
DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	0621891570321	SUCCESS	
DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	5984446924398	SUCCESS	

Figure 3.3-5 Commissioning

View or Update Release Serial No



INTEGRATION WEB PORTAL

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

Change Password Logout

Home | **Serialization Management**

SERIALIZATION INTEGRATION MANAGEMENT

Commissioning **Release** 1

Serial No. Batch No.

Item Description Integration Status

Do No.

[1 - 10 / 14]

	DO No.	Item Description	Batch No.	Serial No.	Integration Status	Reason
<input type="checkbox"/>	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0014	8904255015691	SUCCESS	
<input type="checkbox"/>	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0014	8820274127477	SUCCESS	
<input type="checkbox"/>	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0012	3892461835474	FAILURE	VMS Serial Number has been released!
<input type="checkbox"/>	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0014	1315688834342	SUCCESS	
<input type="checkbox"/>	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0012	0474382459514	SUCCESS	
<input type="checkbox"/>	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0014	1655379222777	SUCCESS	
<input type="checkbox"/>	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0012	0858501571621	SUCCESS	
<input type="checkbox"/>	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0012	1719199013611	SUCCESS	

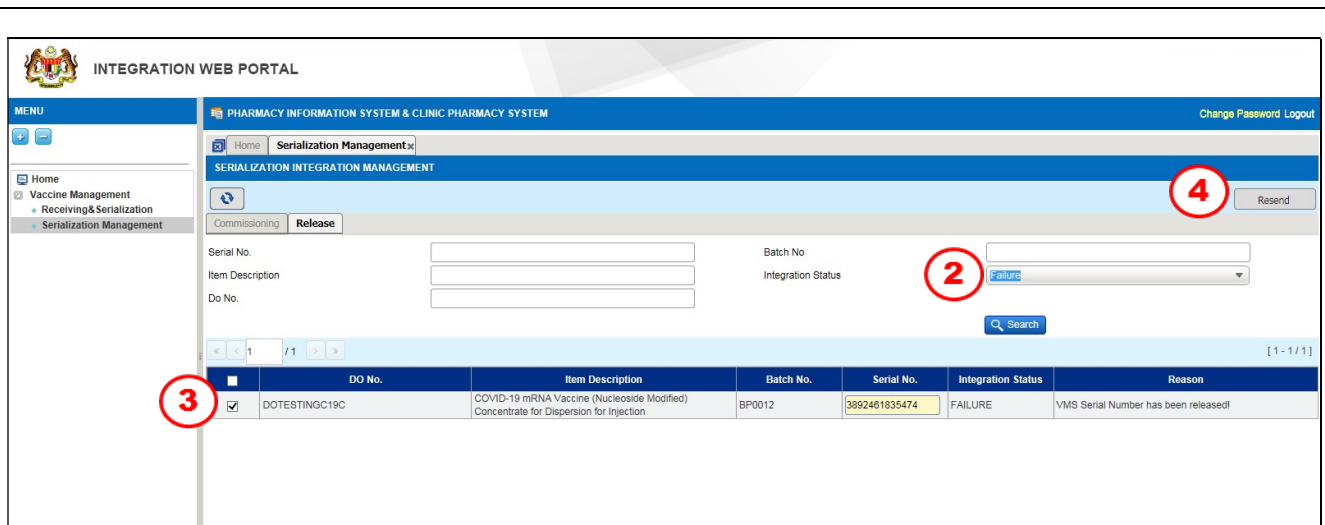
Figure 3.3-6 Release

STEP 1

Click on the **Release** tab

Note

- Data displayed will be based on the Serial No entered in the Receiving and Serialization after confirmed release process
- User can view the Integration Status of Serial No that integrate to VMS whether Success or Failure
- For Integration Status = Failure, user is unable to edit Serial No.
- Serial No. only can be edited in Commissioning screen (refer STEP 1 to STEP 4 at View or Update Commissioning Serial No process)
- User need to perform resend serial no. process at Commissioning before able to proceed with resend serial no at release screen



INTEGRATION WEB PORTAL

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

Home | **Serialization Management** | Change Password | Logout

Home | Vaccine Management | Receiving & Serialization | **Serialization Management**

Commissioning | **Release**

Serial No. Batch No.

Item Description Integration Status **Failure**

Do No.

[1 - 1 / 1]

	DO No.	Item Description	Batch No.	Serial No.	Integration Status	Reason
<input checked="" type="checkbox"/>	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0012	3892461835474	FAILURE	VMS Serial Number has been released!

Figure 3.3-7 Release

STEP 2

Search **Integration Status** as **Failure**

STEP 3

Click on the ☒ checkbox button

STEP 4

Click on the button

Note

- Information message will be displayed as Figure 3.3-8

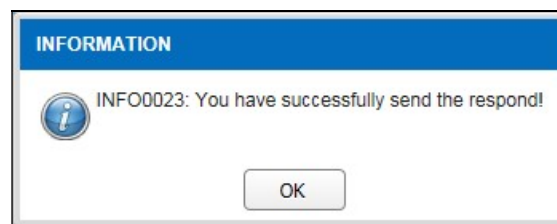


Figure 3.3-8 Information Message

- Click on the button
- Integration Status will be updated to Success after successfully resend serial no to VMS

4.0 Acronyms

Abbreviation	Definition
MOH	Ministry of Health
KKM	Kementerian Kesihatan Malaysia
PhIS	Pharmacy Information System
CPS	Clinical Pharmacy System
BPF	Bahagian Perkhidmatan Farmasi
PSV	Pusat Simpanan Vaksin
PPV	Pusat Pemberian Vaksin
VMS	Vaccine Management System