



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

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## Release Note (PhIS Plus)

For version 2.3.7

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### Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	04/07/2023	Mohd Hilmi Mohamad	Zainura Said	First Version

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### Peer Review

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1.0	Juridah (QA)	Initial document



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## 1 Introduction

### 1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Module	:	PhIS Plus
Version No	:	2.3.7
Client Name	:	Ministry of Health
Release ID	:	RL23/012
Release Date	:	04/07/2023

### 1.2 Objectives

No.	Objective	Reference
1.	Release PhIS & CPS Application to Facility	Refer Section 3 – Refinement and Defect list



## 2 Purpose

The purpose of the document is to update the end-user of the changes and defects have been resolved to be included in the new version of application and will be deployed to production server.

This document outlines the list of request and issue to be delivered in the newer version of application and also the guidelines on how to deploy the new version of application in production.



### 3 Summary – Refinement and Defect List

#### 3.1 Refinement List

The following are the refinement that included in PhIS+ v2.3.7:

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
1	R210110	PhIS+	GTIN & GTIN Tagging	<ol style="list-style-type: none"><li>1. To add 'GTIN' dropdown list field at the add batch 'Master Receiving' screen at PhIS+. Value to be displayed will be the combination of 'GTIN and GTIN tagging' (PhIS+)</li><li>2. To add 'GTIN' column at the 'Receiving &amp; Serialization' and 'Serialization Management' screens at IWP+. Value to be displayed will be the combination of 'GTIN and GTIN tagging' (IWP+)</li></ol>	210007263E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_PhIS+_1.6_GTIN_v1.0



### 3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS+ v2.3.7.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I-PhIS075667521	Klinik Kesihatan Bekenu (A)	PhIS+	10/06/2021	PhIS+ Receiving – Unable to proceed receiving, ERROR 500	User reported unable to proceed receiving in PhIS+ due to popup error appear "batch update return unexpected row count from update (0): actual row count (0) expected: (1)"  Step: PhIS+ > Vaccine Management > Receiving > Click add item > Receive item against: Contract DO > Receive type: Purchase order > Select LPO No. > Enter DO No. > Click save > error appear.  Master PO No: MPO2102077 LPO No: KKBekenu1SS DO No: 493572772	Previously no proper validation was applied during save function if the listing for Receiving Details is null	28/04/2022
2.	I-PhIS076242321	Klinik Kesihatan Bandar Baru Bangi (A)	PhIS+	30/06/2021	PhIS+ Receiving – 2 LPOs with Same Details Appear – Not Reset	Puan Hema informs 2 LPOs appeared after user key in LPO No. in Receiving Corona Vaccine. User query on which LPO should be received. User has received 38 boxes physical item. Both LPO has slightly different LPO No and Order Quantity but same other detail.	Receiving details and eDO No values were not refreshed once selecting new LPO No and causing system to show the non-updated information	28/04/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						LPO No: 1. KKBBaruBangi09BS Order Quantity: 69 boxes 2. KKBBaruBangi09s Order Quantity: 38 boxes (Same as received physical 38)		
3.	I-PhIS076700421	Klinik Kesihatan Belawai (A)	PhIS+	16/07/2021	PhIS+ Receiving – Able to receive more than order quantity	En Jeremy reported unable to do receiving due to DO No not appear in phis+  LPO no: KKBELAWAI6ABCss DO no: 502948258	Incorrect validation was applied on receive quantity value against order quantity if specified Master PO belongs to multiple facilities	15/10/2021
4.	I-PhIS076144421	Hospital Sultan Ismail (B)	PhIS+	27/06/2021	PhIS+ Receiving – Duplicate Receiving - Concurrent User	Email: Salam Sejahtera, Merujuk kepada perkara tersebut, saya ingin memaklumkan yang pihak Hospital Sultan Ismail Johor Bahru telah tersalah receive vaccine sinovac via sistem PhIS+ pada 27.06.2021. Oleh itu, pihak kami meminta pihak tuan untuk delete rekod Receipt No. MRW21002983. Sekian, terima kasih.	No concurrent user validation was implemented during approval process in Receiving screen	24/05/2022
5.	I-PhIS079975121	Bahagian Perkhidmatan Farmasi (HQ)	PhIS+	22/11/2021	Master Payment – Wrong 'Pelulus' Name Value	Received email from user as below: Master payment di Phis +, tidak menunjuk nama sebenar "pelulus" dan "order by" Contoh: Payment no: MP21005071	Incorrect value for 'Pelulus' was displayed when printing Payment Summary List report. Suppose it should display the approver name	25/05/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						<p>Login sebagai pengguna "Ong Tuan Chin"</p> <p>Order by: Ong Tuan Chin Pelulus: Ong Tuan Chin</p> <p>Login sebagai pengguna "admin"</p> <p>Order by: System Pelulus: System</p>	instead of the login user name	
6.	I-PhIS079454421	Pejabat Kesihatan Daerah Gua Musang (B)	PhIS+	01/11/2021	Receiving IWP Plus – Failed to use same serial no for the rejected transaction	<p>En Izzat inform already halfway proceed receiving on 28/10. User had key in serialization no for this receiving. However, received info from KKM that they need to reject the transaction due to expiry date less 1 day. Supposed expiry on 31/5 but in system appear 30/5. User did reject the transaction - MR21001545.</p> <p>As of now when user want to make new receiving - MR21001576 and put same serialization no, system shows 'Duplicate'. User asks if have any method to use since user prefer same serialization no to put in the new receiving.</p> <p>DO No: 8099214725</p>	Previously system did not have any checking on rejected serial number. Suppose rejected serial number should be able to be used once the record is rejected by user.	12/11/2021



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
7.	I-PhIS081423122	Bahagian Perkhidmatan Farmasi (HQ)	PhIS+	27/01/2022	Master Payment – Liability amount is less than PO amount, Carry forward	Madam Ong report unable to proceed master payment in phis+ Email: Unable to proceed master payment in phis + Master payment with pop up message as below:  'INFO7904: Liability amount is Less than PO amount.' Please advise action needed to settle master payment. Thanks	Previously system was wrongly checking budget master based on previous year even liability has been carried forward to current year and this has caused system unable to proceed with master payment	21/06/2023
8.	I-PhIS073753421	Klinik Kesihatan Tampoi (A)	PhIS+	29/03/2021	PhIS+ Receiving – Error appear when click button add	Pn Mariana reported that when she wants to do receiving > add item, error 500 appear	No validation was applied on mandatory value during add item function in Receiving screen	28/04/2022
9.	I-PhIS081768822S	Hospital Selama (A)	PhIS+	09/03/2022	Receiving Item Report – Received Amount Not Update Accordingly for Vaccine Item	Puan Raihan agreed to log new report based on Activity ID: A13 from Report No: 22063130C.  Upon further check, kindly get user to log new ticket since this is new bug issue where received amount is not updated accordingly if there is same item batch & brand with different receive quantity in the same receiving. The receive amount will be updated with the same total amount. Kindly refer file upload.	Amount value was not calculated based on the number of received quantity for vaccine item	21/10/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						Previously already has bug ticket regarding this issue I- PhIS076229321S fixed in v2.5.1 but it does not cater on receiving for vaccine item from IWP+.		
10.	I-PhIS073618521	Pejabat Kesihatan Daerah Kuala Muda (B) (PSV)	PhIS+	24/03/2021	PhIS+ – Redundant Serial Number in PhIS Plus	Email from Pn Aizamin, Please assist, there are 2 serial number which are redundant in phis plus. Refer attachment below. Is it possible to remove back end the redundant serial number?'	System was not validating redundant serial number value that already available when initiating VMS integration	25/05/2022



## 4 Refinement List – Detail Changes

N/A

## 5 Deployment - Procedures

### 5.1 List of Items to be Deployed

No.	Items	Components	Path
1	Facility Script	PatchScripts_phis_v1.6.sql	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PhIS_Plus_Release_v1.6/phis/scrip ts
2	Facility Application	phisplus_v1.6.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PhIS_Plus_Release_v1.6/phis/war
3	HQ Script	PatchScripts_IWP_v1.6.sql	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PhIS_Plus_Release_v1.6/iwp/script s
4	HQ Application	iwpplus_v1.6.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PhIS_Plus_Release_v1.6/iwp/war

### 5.2 Backup Procedure before Deploy

#### 5.2.1 Backup Procedure

Using backup tool, backup the following files and folder and database as per table below;

No.	Type	Backup Item	Description
1	Application	/home/phisesb /opt/phisesb /usr/share/fonts/truetype	PhIS Integration Application PhIS Core Application Fonts required by PhIS
2	Database	phisprod database	PhIS Live database

### 5.3 Deployment/Installation Guidelines

#### 5.3.1 Deployment at BPF HQ

Below table is described the deployment steps at Facility:

Step	Items	File Name	Source Path	Action
1	Facility Script	PatchScripts_phis_v1.6.sql	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PhIS_Plus_Release_v1.6/phis/scripts	Execute as pgscript
2	Facility Application	phisplus_v1.6.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PhIS_Plus_Release_v1.6/phis/war	Rename phisplus_v1.6.war to phisplus.war and then deploy

#### 5.3.2 Deployment at HQ – IWP Plus

Below table is described the deployment steps at HQ – IWP Plus:

Step	Items	File Name	Source Path	Action
1	HQ Script	PatchScripts_IWP_v1.6.sql	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PhIS_Plus_Release_v1.6/iwp/scripts	Execute scripts
2	HQ Application	iwpplus_v1.6.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PhIS_Plus_Release_v1.6/iwp/war	Rename the war file from iwpplus_v1.6.war to iwpplus.war then Deploy.