



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

Release Note

For version 2.6.3.7

<p>Version : 1.0 Document ID : PhIS_CPS/ReleaseNote/Refinement/04122023</p>



© 2011-2023 Pharmaniaga Logistics Sdn Bhd (PLSB)

CONFIDENTIAL COPYRIGHTED MATERIAL – *The information includes all concepts, comments, recommendations, and material, contained herein shall remain the property of Pharmaniaga Logistics Sdn Bhd (PLSB). 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.*



Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	04/12/2023	Mohd Hilmi Mohamad	Zainura Said	First Version

Verified and Acknowledged by:

Name	Role/Designation	Organization	Signature & Date
Zainura Said	Team Leader	Pharmaniaga Logistics Sdn Bhd	
Hoh Choon Seng	Project Manager	Pharmaniaga Logistics Sdn Bhd	

Name	Role/Designation	Organization	Signature & Date
		Program Perkhidmatan Farmasi (PPF), KKM	
		Bahagian Pengurusan Maklumat (BPM), KKM	

Peer Review

Version No	Reviewed / Verified by	List Of Changes from Previous Version
1.0	Juridah (QA)	Initial document



TABLE OF CONTENT

1 INTRODUCTION 1

1.1 PROJECT INFORMATION 1

1.2 OBJECTIVES..... 1

2 PURPOSE 2

3 SUMMARY – REFINEMENT AND DEFECT LIST 3

3.1 REFINEMENT LIST 3

3.2 RESOLVED DEFECT LIST..... 4

4 REFINEMENT LIST – DETAIL CHANGES..... 9

5 DEPLOYMENT - PROCEDURES 10

5.1 LIST OF ITEMS TO BE DEPLOYED 10

5.2 BACKUP PROCEDURE BEFORE DEPLOY..... 11

5.2.1 *Backup Procedure* 11

5.3 DEPLOYMENT/INSTALLATION GUIDELINES..... 11

5.3.1 *Deployment at Facility* 11

5.3.2 *Deployment at HQ - IWP*..... 13



1 Introduction

1.1 Project Information

Project ID	:	PHIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	2.6.3.7
Client Name	:	Ministry of Health
Release ID	:	RL23/024
Release Date	:	04/12/2023

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

N/A

3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 2.6.3.7.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I-PhIS083045722A PP	Hospital Rembau (A)	General Module	14/10/2022	Unit Catalogue List – No response when click print button	Ms Cavines reported that she is unable to print Unit Catalogue List for Non Drug items due to no respond from the system upon clicking on Print button. User is able to print for Drug items for the same unit. Unit: Substore Galenical & Prabungkus	System was not correctly defined 'Non Drug Name' value inside data retrieval method during printing function in Unit Catalogue screen.	09/01/2023
2.	I-PhIS088104923A PP	Pejabat Kesihatan Putrajaya (B)	Pharmacy Inventory	10/01/2023	RPL (Contract Item) – Contract Item generate not under same EPO	Pn Zulaikha requested advice to create one ePO for two items for the same contract no. Purchase type: Contract. There is no add item button that allows users to add manually. RPL: RP223000002 KKM Code Contract Ref No.: KKM-102/2021f(u)ePO: E230000159 & E230000201 KKM-188/2021f(u)ePO: E230000189 @ E230000200	Missing condition to group the items under same 'EPO No' during generating EPO function if items are having same 'Contract No' and same 'Vote Code'.	30/05/2023
3.	I-PhIS092566623A PP	Hospital Tuanku Jaafar (A)	Pharmacy Inventory	29/03/2023	Purchase Order – Brand and manufacturer	User reported unable to do return due detail item does not appear,	Wrong query was applied to retrieve 'Brand' and 'Manufacturer' values	07/06/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
					change to active record	user already receive the item from others unit and now stock available. When check in receiving screen, column for brand is blank. user request to check. Is it because of this, the user unable to proceed with return. LPO: 122473 DO: PRI3703999 Receive Number: P220000881 Item: R03DA04000T5001XX.01	inside 'Purchase Order' and 'Receive From Supplier' screens if 'Brand' value is in inactive status.	
4.	I- PHIS099238123A PP	Hospital Taiping (A)	Pharmacy Inventory	20/07/2023	Receive from Supplier (Contract DO – PASC): Not able to receive.	Mr Anandraj reported unable to receive for free item. Details: Email from Pharmaniaga: We purchased Jakavi 15mg under Patient Access Scheme, but we only could receive the purchased 4 boxes, not the free 4 boxes. Kindly look into the matter and rectify the issues or guide us on the correct way of receiving items under Patient Access Scheme.	Incorrect condition was applied during approval process at 'Receiving from Supplier' module for record with 'Receive Type' = 'Patient Access Scheme'. Suppose system should allow to receive more than order quantity even item had been fully received if 'Receive Type' = 'Patient Access Scheme'.	08/11/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
5.	I- PhIS087729123A PP	Hospital Sik (A)	Pharmacy Inventory	04/01/2023	Laporan Perbelanjaan Ubat Mengikut Sumber Perolehan (Import/Local Vs Generic/Innovator) – eP Cancelled also included	Email from user: LAPORAN PERBELANJAAN UBAT MENGIKUT SUMBER PEROLEHAN (IMPORT/LOCAL VS GENERIC/INNOVATOR) BRAND YANG DI GENERATE BETUL. TAPI KENAPA COUNTRY OF ORIGIN APPEAR SALAH? MAKLUMBALAS DARI MOH (HIGHLIGHT KUNING) SETUP DALAM PHIS DAH BETUL. 230010948D	<ol style="list-style-type: none"> Wrong query was implemented during report generation whereby system will also include record with 'eP Cancelled' status. Suppose record with 'eP Cancelled' status should be excluded. System was not correctly handling method to display 'Brand', 'Manufacturer' and 'Country of Origin' values for approved Purchase Order record if 'Brand' value is inactive status. 	10/04/2023
6.	I- PhIS099940923A PP	Hospital Miri (A)	Order Management	31/07/2023	Medication Profile - Expired taper drug missing from previous medication	Email from user, I am sending this email to lodge a report as patient's past medications were not in patient's medication profile. This will cause medicolegal issues if something happens as patient's past mediation history was missing.	Incorrect data population method was applied when inserting prescription record with expired taper drug into medication profile summary table.	27/11/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						<p>We hope that this issue can be solved as soon as possible as it can cause medication errors while doing screening.</p> <p>Patient: HMIRI00378171 Medication: T. Dexamethasone 4mg</p>		
7.	I-PhIS086550022A PP	Hospital Raja Permaisuri Bainun (A)	Outpatient Pharmacy	16/12/2022	Methadone dispensing - Error contact system admin	<p>Ms Karen 0124631293 reported that she is unable to dispense all patient in Methadone Dispensing due to pop up 'An error has occurred. Please contact your system admin. Message Error: 59504' appears.</p> <p>Sample for checking IC No: HRPB642 V2616</p>	Issue happens due to MFlex flag is having null value when receiving order from third party integration. Issue is solved by inserting correct value inside MFlex flag when PhIS receives order from third party integration.	09/02/2023
8.	I-PhIS104630323A PP	Hospital Miri (A)	Outpatient Pharmacy	12/10/2023	Screening & Verification - Unable to allocate for taper drug - drug status become Dispensed	<p>Miss Stephanie reported drug not allocated when reach dispensing stage.</p> <p>Email: Another new example, RN399793-MEDC0002471197, this Rx is at dispensing stage currently. From the picture attached, you can see the tapering dose frusemide (for 4 months) is unable to be allocated.</p> <p>This causes us to re-dispense or manually supply to patient.</p>	Issue with the dispensing process for tapering drug. When system fully dispense for main taper drug, taper drugs will follow main taper drug status as fully dispensed. This has caused taper drug was unable to be dispensed for the next dispensing cycle.	28/11/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
9.	I- PHIS096554023A PP	Klinik Kesihatan Kahang Batu 22 (B)	Report Enquiry	07/06/2023	YTD Issue Report - No Data Generate	En Azlan reported no data appear when he generates YTD Issue report for this year.	There was typo issue (missing comma expression) in report query, and this has caused system unable to generate data.	28/08/2023
10.	I- PHIS092773723A PP	Hospital Jeli (A)	Report Enquiry	02/04/2023	POMS Compilation – No data appear	<p>Pn Hidayah reported report not generated at POMS compilation. She informs there have data at POMS Report by Ward. Supposedly all data in POMS Report by Ward must have in POMS compilation.</p> <p>POMS Report by Ward Order Date From: 1/3/23 Order Date To: 31/3/23 Patient Location: All Department: All</p> <p>POMS Compilation Dispense Location: All Dispensing Date From: 1/3/23 Dispensing Date To: 31/3/23</p>	Wrong table name was defined in code to insert data into backend staging table and this has caused no data can be retrieved from the report.	31/07/2023



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_V2.6.3.7.txt	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.7/facility/scrip ts
2	Facility Application	iphis_v2.6.3.7.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.7/facility/war
3	Facility Application	PHISService_v.2.6.3.7.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.7/facility/war
4	Facility Application	PHISSchedulers_v.2.6.3.7.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.7/facility/jar
5	Facility Application	phis_Email_v2.6.3.7.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.7/facility/jar
6	Facility Application	phis_Cd_V2.6.3.7.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.7/facility/jar
7	Facility Application	phis_MyMaat_v2.6.3.7.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.7/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.7/facility/jar
9	Mobile Application	iphismobile_user_v2.6.3.7.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.7/facility/war
10	Mobile Application	phisAPI_v2.6.3.7.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.7/facility/war
11	Mobile Application	lpadhosp-2.6.3.7.0b08.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.7/Mobile
12	HQ Script	PatchScripts2.6.3.7_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.7/iwp/scripts



No.	Items	Components	Path
13	HQ Application	phishq_v2.6.3.7.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/iwp/war
14	HQ Application	masterRelease_v2.6.3.7.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/iwp/jar
15	HQ Application	epservice_V2.6.3.7.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/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 Facility

Below table is described the deployment steps at Facility:

Step	Items	File Name	Source Path	Action
1	Facility Script	PatchScripts_PhIS_V2.6.3.7.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/facility/scripts	Please ensure all the script is execute before iphis.war deploy. Please ensure the script is executed in sequence. Script files highlight and execute.
2	Facility Application	iphis_v2.6.3.7.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.3.7.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.6.3.7.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/3	Backup jar file from /home/phisesb/phisja



Step	Items	File Name	Source Path	Action
			1_Implementation/Applications/PHIS_ReleaseV2.6.3.7/facility/jar	rs/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.3.7.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_Email.jar. Then Restart crontab.
6	Facility Application	phis_Cd_V2.6.3.7.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_Cd.jar. Then Restart crontab.
7	Facility Application	phis_MyMaat_v2.6.3.7.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_MyMaat.jar. Then Restart crontab.
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.3.7.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/facility/war	Rename iphismobile_user_v2.6.3.7.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.3.7.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/facility/war	Rename phisAPI_v2.6.3.7.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.6.3.7.0b08.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/Mobile	Rename ipadhosp-2.6.3.7.0b08.war to ipadhosp.war and deploy. - Mobile Frontend: 2.6.3.7.0r18



Step	Items	File Name	Source Path	Action
				- Mobile Backend: 2.6.3.7.0b08

5.3.2 Deployment at HQ - IWP

Below table is described the deployment steps at HQ - IWP:

Step	Items	File Name	Source Path	Action
1	HQ Script	PatchScripts2.6.3.7_IWP.txt	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/iwp/scripts	Please ensure all the script is execute before phishq.war deploy. Please ensure the script is executed in sequence.
2	HQ Application	phishq_v2.6.3.7.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/iwp/war	Rename the war file from phishq_v2.6.3.7.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.3.7.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/iwp/jar	Rename the jar file from masterRelease_v2.6.3.7.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.3.7.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.7/iwp/war	Rename the war file from epservice_V2.6.3.7.war to epservice.war then deploy.