



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

Release Note

For version 2.6.1.5

<p>Version : 1.0 Document ID : PhIS_CPS/ReleaseNote/Refinement/08112022</p>



© 2011-2022 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	08/11/2022	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	:	2.6.1.5
Client Name	:	Ministry of Health
Release ID	:	RL22/017
Release Date	:	08/11/2022

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 2.6.1.5.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I-PhIS081793122S	Hospital Miri (A)	Order Management - Web	11/03/2022	Medication Order - Prescription wrong order routing	<p>Email from user,</p> <p>We would like to inform you of an issue on the Phis system that we have encountered. We have noticed that for "Iron Sucorse 100mg/5mL" that is ordered under satellite ward supply, the item will be routed to "Inpatient Pharmacy Counter" by default, instead of "Satelite Pharmacy".</p> <p>Please kindly refer to the screenshot attached as an example of the scenario:</p> <p>In this case,</p> <p>Item: Iron Sucorse 100mg/5mL Prescription Location: Female Surgical Ward (FSW) Intended Location: Satelite Pharmacy Incorrect Location: Inpatient Pharmacy Counter</p> <p>Please kindly look into this issue. I look forward to hearing from you.</p> <p>CM 2021 report number:221095209B</p>	Incorrect routing location was applied in system if specific drug routing record had been defined in order routing master screen	22/08/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
2.	I- PhIS076557822A PP	Hospital Miri (A)	Outpatient Pharmacy	25/05/2022	Unable to allocate alternate drug	<p>Email from user: For RN216116- DENTALC0002046031, we encounter the issue where we are unable to allocate the desired quantity of capsule of tranexamic acid.</p> <p>This mouthwash requires patient to freshly prepared by opening certain amount of capsule and dilute in certain amount of water and rinse off.</p> <p>However, after last two updates, we realise we can't allocate the desired quantity that we want unless we change the dose of mouthwash to 1ml and increase the quantity prescribed to a huge number, only then we are allowed to allocate capsule for it.</p> <p>The error below will pop out when we allocate 2 capsules for this prescription.</p> <p>Please fix it to let us overwrite it to allow us to allocate any quantity that we wish to allocate.</p> <p>Thank you.</p>	There was missing condition in alternate drug calculation whereby system was only taking Drug Strength value but not considering Drug Quantity value in alternate calculation	09/08/2022
3.	I- PhIS083737222A PP	Hospital Miri (A)	Outpatient Pharmacy	28/10/2022	Screening/Dispensin g – Unable to change allocation quantity	<p>Email from user: Pihak kami mendapati kuantiti yang telah di"allocated" untuk bilangan hari tertentu tidak dapat ditukar.</p>	System did not implement any checking based on 'Allow dispense more than prescribed quantity' setting. Suppose if drug is set as 'Allow dispense	04/11/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						<p>Contohnya: Benzylpenicilin 18600IU BD X3/7 kuantiti yang di"allocated" automatically adalah 6 vials. Oleh kerana ubat itu stable 48 hrs selepas didilute, pihak kami ingin tukar kuantiti allocate kepada 3 vials, tetapi ia tidak dapat dilakukan.</p>	more than Prescribed Quantity' = YES, system should not do auto calculation function on duration value once amend the allocated quantity	
4.	I-PhIS083694722A PP	Hospital Miri (A)	Outpatient Pharmacy	27/10/2022	Screening & Verification – Able to allocate even drug status is Stop	<p>Ms Stephanie reported using RN 187398-MEDC0002140211 as an example, the warfarin drug is stopped by doctor but why issit not being dimmed off (as per screenshot) to prevent us from misunderstanding and click in to allocate? Previous phis version will dim it off automatically. I think this feature should be maintained to cause less confusion.</p>	Missing validation to prevent allocation function for drugs that are in Stopped or Cancelled status	01/11/2022
5.	I-PhIS083686022A PP	Hospital Miri (A)	Outpatient Pharmacy	27/10/2022	Screening & Verification - Error contact admin popup when click Reserve quantity hyperlink - Offline SPUB	<p>Ms Stephanie reported one SPUB prescription that sent to us showing error when we try to click and screen it. Please fix it now as we are unable to screen the prescription. IC: 89112613XXXX</p>	Issue with the balance quantity and duration calculation. When order quantity is 0, balance duration calculation was hitting error	01/11/2022
6.	I-PhIS083505822A PP	Hospital Pakar Sultanah Fatimah (A)	Outpatient Pharmacy	23/10/2022	Screening & Verification - Drug missing when do Auto Allocation - Alternate	<p>Preparation - Some drug is missing Pn Hidayah reported that for following patient, user did alternate (for 2 different strengths of the same drug) in Screening. Once</p>	Unnecessary validation to remove main drug when do auto allocation for alternate drug was introduced in previous	03/11/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						verified, one of the 2 different strengths is missing. RN No: 279396 RN No: 23313 Kindly refer to attachment for further details.	version to prevent double dose issue	
7.	I- PHIS083415022A PP	Hospital Raja Permaisuri Bainun (A)	Inpatient Pharmacy	21/10/2022	Fill List - Error when save record - Alternate drug	Puan Najlaa reported when user clicked save at fill list screen appear pop up error: An error has occurred please contact system administrator. User filter: Dispense Location: pharmacy satellite 4 Nursing Unit: ward 1D Date: 22/10/22	Alternate function was wrongly handled in Generate Fill List module	04/11/2022
8.	I- PHIS078299522A PP	Klinik Kesihatan Gelugor (A)	Medication Counseling	06/07/2022	MyMAAT – Unable to save details key in	Ms Ooi reported that for following patient, user did try to add MYMAAT in PhIS. However, upon saving, it reverts to blank page. User is unable to print and to trace it back as well. Counselling MyMAAT Counselling No: MC2200000071 Daniel Zulqarnain 89070607XXXX	Coding issue. When sending MyMAAT questionnaire to backend, system did not send the patient sequence number together and this has led to error when saving	26/10/2022
9.	I- PHIS083876222A PP	Klinik Kesihatan Bandar Maharani (A)	Pharmacy Inventory	31/10/2022	Issue – Unable to print KEWPS 7/KEWPS17	Pn Mariam reported that she is unable to print KEWPS 7 for following transaction due to pop up error 'An error has occurred. Please contact your system admin. Message Error: 6179' appears. Issue happens to this transaction only.	Issue happened for Item where issue quantity is '0' and tick on the force closed checkbox. One record has been approved; system will create a movement for	08/11/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						Issue No: E02PS001-0007852 KK Parit Yusuf	the '0' quantity item but there is no data updated in item stock details causing error occurred when generating KEWPS 7/KEWPS 17.	
10.	I-PhIS084150522A PP	Pejabat Farmasi Bahagian Sibul (B)	Pharmacy Inventory	04/11/2022	Return to Supplier – Unable to do return	Email from user: I encountered this morning while performing a return to supplier function in PhIS today appear popup "Unable to Connect to Server". Other functions such as approving indents and issuing are fine.	Issue with the implementation of Ping (connection checking) function in system. Facility has connection checking to IWP to validate whether IWP is reachable or not before push data to IWP. But since this function in this facility had been blocked, system unable to send data to IWP	08/11/2022



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_V2.6.1.5.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/scripts
2	Facility Application	iphis_v2.6.1.5.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/war
3	Facility Application	PhISService_v.2.6.1.5.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/war
4	Facility Application	PhISSchedulers_v.2.6.1.5.jar	https://10.1.1.57:5522/svn/PhIS/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/jar
5	Facility Application	phis_Email_v2.6.1.5.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/jar
6	Facility Application	phis_Cd_V2.6.1.5.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/jar
7	Facility Application	phis_MyMaat_v2.6.1.5.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/jar
9	Mobile Application	iphismobile_user_v2.6.1.5.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/war
10	Mobile Application	phisAPI_v2.6.1.5.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/war
11	Mobile Application	lpadhosp-2.6.1.5.0b08.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/Mobile
12	HQ Script	PatchScripts2.6.1.5_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/iwp/scripts



No.	Items	Components	Path
13	HQ Application	phishq_v2.6.1.5.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/iwp/war
14	HQ Application	masterRelease_v2.6.1.5.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/iwp/jar
15	HQ Application	epservice_V2.6.1.5.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/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_V2.6.1.5.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/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_v2.6.1.5.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.1.5.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.6.1.5.jar	https://10.1.1.57:5522/svn/PhIS/svn/Workspace_Datawar	Backup jar file from /home/phisesb/phisja



Step	Items	File Name	Source Path	Action
			e/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/jar	rs/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.1.5.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/jar	Backup jar file from /home/phisb/phisjars/ and copy downloaded jar and rename to phis_Email.jar. Then Restart crontab.
6	Facility Application	phis_Cd_V2.6.1.5.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/jar	Backup jar file from /home/phisb/phisjars/ and copy downloaded jar and rename to phis_Cd.jar. Then Restart crontab.
7	Facility Application	phis_MyMaat_v2.6.1.5.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/jar	Backup jar file from /home/phisb/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_ReleaseV2.6.1.5/facility/jar	/home/phisb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.1.5.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/war	Rename iphismobile_user_v2.6.1.5.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.1.5.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/facility/war	Rename phisAPI_v2.6.1.5.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.6.1.5.0b08.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/Mobile	Rename ipadhosp-2.6.1.5.0b08.war to ipadhosp.war and deploy. - Mobile Frontend: 2.6.1.5.0r18



Step	Items	File Name	Source Path	Action
				- Mobile Backend: 2.6.1.5.0b08

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	PatchScripts2.6.1.5_IWP.txt	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/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_v2.6.1.5.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/iwp/war	Rename the war file from phishq_v2.6.1.5.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.1.5.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/iwp/jar	Rename the jar file from masterRelease_v2.6.1.5.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.1.5.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.5/iwp/war	Rename the war file from epservice_V2.6.1.5.war to epservice.war then deploy.