



Pharmacy Information System (PhIS)

Release Note

For version 2.6.3.24

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Revision History

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1.0	06/08/2025	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

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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 – CHANGES OVERVIEW, REFINEMENT AND DEFECT LIST 3

3.1 OVERVIEW OF CHANGES 3

3.2 REFINEMENT LIST 5

3.3 RESOLVED DEFECT LIST..... 6

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..... 10

5.2.1 *Backup Procedure* 10

5.3 DEPLOYMENT/INSTALLATION GUIDELINES..... 10

5.3.1 *Deployment at Facility*..... 10

5.3.2 *Deployment at HQ - IWP* 11



1 Introduction

1.1 Project Information

Project ID	:	PhIS
Project Name	:	Pharmacy Information System
Version No	:	2.6.3.24
Client Name	:	Ministry of Health
Release ID	:	RL25/010
Release Date	:	06/08/2025

1.2 Objectives

No.	Objective	Reference
1.	Release PhIS 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 – Changes Overview, Refinement and Defect List

3.1 Overview of Changes

This section outlines the changes introduced in PhIS version 2.6.3.24.

No	Module	Submodule/Function	Changes	Ticket No	Ticket Details	References
1.	Pharmacy Inventory	Receive From Supplier	To prevent entry of future date/time for the 'Goods Received Date and Time' field.	I-PhIS137009325APP	Number of Tickets: 63 Number of Facilities: 59	Refer #1 in resolved defect list section
		Prepacking	To update the accurate 'New Available Quantity (SKU)' and 'New Available Quantity (PKU)' values during the 'Production Complete' process.	I-PhIS138805725APP	Number of Tickets: 10 Number of Facilities: 10	Refer #2 in resolved defect list section
2.	Patient Management	Visit Management	To synchronize the correct 'Bed Number' value during the patient transfer process from HISKKM.	I-PhIS128420224APP	Number of Tickets: 2 Number of Facilities: 1	Refer #3 in resolved defect list section
3.	Special Approve Medicine	Special Approval Medicine Approval	To solve SAM synchronization status issue by updating column lengths at the facility level database to match with the structure of the IWP database.	I-PhIS117763824APP	Number of Tickets: 8 Number of Facilities: 5	Refer #4 in resolved defect list section
4.	MTAC	MTAC Reporting	To display current medication list based on exact patient's MRN value in MTAC report.	I-PhIS121045924APP	Number of Tickets: 1 Number of Facilities: 1	Refer #5 in resolved defect list section
5.	Report Enquiry	YTD Issue Value Report	1. To revise the calculation formula for the 'Average Amount' value. 2. To restrict the selection of future dates in the 'From Date' and 'To	I-PhIS140395025APP	Number of Tickets: 1 Number of Facilities: 1	Refer #6 in resolved defect list section



No	Module	Submodule/Function	Changes	Ticket No	Ticket Details	References
			Date' fields when performing a search.			



3.2 Refinement List

N/A



3.3 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS version 2.6.3.24.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS137009 325APP	Hospital Queen Elizabeth (A)	Pharmacy Inventory	26/05/2025	Receive from Supplier: Not able to save - INFO8142: Goods Received Date and Time cannot be future date or time.	Ms Janice reported she unable to receive LP item in the system due to error "Goods received date & time cannot be future date or time". Item arrived at facility today around 11.45AM and she do receiving in the system around 12.40PM. LPO no - PO25000000334515 DO no - 434027ND Goods received date & time - 26/5/2025 @ 11.45AM	An incorrect validation was applied to the 'Goods Received Date and Time' field, allowing users to enter future date/time. The system should only permit entry of the current date/time or a past date/time.	N/A	Implement proper validation on the 'Goods Received Date and Time' field to prevent entry of future date/time.	06/06/2025
2.	I-PhIS138805 725APP	Klinik Kesihatan Jalan Oya (B)	Pharmacy Inventory	25/06/2025	Prepacking: New Available Quantity Value = 0	Ms Yew reported new available quantity become 0 after prepacking Transaction no.: PR25000807 item code: C07AB07000T1002XX.02	The 'New Available Quantity (SKU) and New Available Quantity (PKU)' values were not updated when executing the 'Production Complete' function for multiple prepacking records with the same item code.	N/A	Amend condition to update the 'New Available Quantity (SKU) and New Available Quantity (PKU)' values during executing 'Production Complete' function for multiple prepacking records	04/07/2025



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
									with the same item code.	
3.	I-PhIS128420 224APP	Hospital Sultan Ismail (A)	Patient Management	29/12/2024	MAR Recording / Patient Registration - Bed no not update even done patient transfer	Pn Ain (IT) reported that bed number for following patient not is not tally between PhIS & HIS. IC No: 87011152XXXX RN No: HSI347305 In PhIS: 10 In HIS: 19	The system failed to update the correct 'Bed No' during the patient transfer process from HIS@KKM.	Execute data patches to update the latest 'Bed No' value.	Apply the proper condition to ensure the latest 'Bed No' is updated correctly during the patient transfer process from HIS@KKM.	09/01/2025
4.	I-PhIS117763 824APP	Hospital Tuanku Jaafar (A)	Special Approve Medicine	11/06/2024	Special Approve Medicine - Status not updated - status does not sync to facility	Emel: Fasiliti kami ingin membuat aduan berkenaan masalah dimana permohonan UKK B0781/2024 masih kelihatan 'send for approval' di fasiliti walaupun telah diluluskan di peringkat KKM.	Status synchronization from IWP to the facility failed due to column length discrepancies in the 'Manufactured By' and 'Imported By' fields between the two databases.	Execute data patches to increase length for 'Manufactured By' and 'Imported By' columns from 50 to 100 characters.	Prepare script to increase length for 'Manufactured By' and 'Imported By' columns to 100 characters.	17/07/2024
5.	I-PhIS121045 924APP	Klinik Kesihatan Sungai Chua (A) - INT	MTAC	12/08/2024	MTAC Reporting - Current medication list inaccurate	Issue Current Medication List in MTAC Report Not Tally with patient actual Medication Record Report generated for MTAC for this patient has extra medicine in	An incorrect query has been used to display the patient's medication list, where current medications for other patients with similar MRN prefixes are also shown in the affected patient's medication list.	N/A	Amend query to display medication list based on exact patient's MRN value.	16/08/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>patient's current medication list but in actual this patient does not have this medication in medication Profile.</p> <p>Patient Details: 72091010XXXX</p>				
6.	I- PHIS140395 025APP	Klinik Kesihatan Bota Kiri (A)	Report Enquiry	23/07/2025	YTD Issue Value - Average amount Inaccurate	<p>Ms Thivya reported average amount shows inaccurate. User generates within 6 months, but report calculate until July. User wants to know the calculation of average amount. Details as follows:</p> <p>Date: 1/1/2025 - 30/6/2025 Item Group: Drug Item Purchase Type: Appl</p>	An incorrect formula was applied during the calculation of the 'Average Amount' in the report.	N/A	<ol style="list-style-type: none"> Amend formula to calculate 'Average Amount' based on below formula: (Total Amount / Number of days between 'From Date' to 'To Date') * 30 days Restrict the selection of future dates in the 'From Date' and 'To Date' fields when performing a search 	04/08/2025



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_V2.6.3.24.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.24/facility/scripts
2	Facility Application	iphis_v2.6.3.24.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.24/facility/war
3	HQ Application	phishq_v2.6.3.24.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.24/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_V2.6.3.24.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.24/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_v2.6.3.24.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.24/facility/war	Please rename the war file to iphis.war then deploy.



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 Application	phishq_v2.6.3.24.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.24/iwp/war	Rename the war file from phishq_v2.6.3.24.war to phishq.war then Deploy using Glassfish Administration Console