



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

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## Release Note

**For version 2.6.2.4**

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### Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	14/07/2023	Mohd Hilmi Mohamad	Zainura Said	First Version

### Verified and Acknowledged by:

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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
Version No	:	2.6.2.4
Client Name	:	Ministry of Health
Release ID	:	RL23/013
Release Date	:	14/07/2023

### 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

N/A



### 3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 2.6.2.4.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I-PhIS081363122A PP	Bahagian Perkhidmatan Farmasi (HQ)	General Module	09/09/2022	Department – Screen appear below	Issue: At IWP screen department Previous report number 221107485B. Developer already done data patch.  Received email from Pn Norazimah," No data display when click the department" Please refer MOH Attachment.	Issue with the SMRP department code. Previously department master had limitation to display only 5 characters of SMRP department code. Suppose the field should has same limit as Department Code field which is 10 characters	16/11/2022
2.	I-PhIS084297822A PP	Hospital Kuala Lumpur (A)	General Module	07/11/2022	Vote Code – Unable to change status to Inactive - Popup error contact admin	Ms Cheng reported want to change vote code status to inactive. But when user click save, popup appear "Please contact your system admin".  vote code: 240701/020100/27401/99	Validation on status value was not correctly applied during saving function in Vote Code screen	09/02/2023
3.	I-PhIS088148823A PP	Klinik Kesihatan Taiping (A)	General Module	11/01/2023	Vote Code – Inactive vote system prompted error 500	Ms Ng reported unable to inactive vote code for year 2022 due to appear error 500 upon clicking save button. Issue affected to many vote as user want to use other vote for 2023. She provides example as below.  Vote code: 052101/080700/27401/99	Validation on status value was not correctly applied during saving function in Vote Code screen	25/05/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						052101/080700/27404/99 052101/080700/2749/99 052101/990100/27401/99 052101/990100/27404/99 052101/990100/27499/99 052101/050200/27499/99		
4.	I- PHIS088173623A PP	Pejabat Kesihatan Daerah Petaling (B)	IWP	11/01/2023	IWP – Selected filter does not remain and need to be reselected	Miss Chin reported in page request order authorization and penalty, after user done for one transaction, the page jump to home page.  Then user needs to search again > proceed for the step > page jump to home page  Example as attachment request order authorization and penalty	Refresh function at listing page was not correctly applied whereby it will reset the entered search criteria and refresh entire listing after close the dialog screen. Suppose the entered search criteria and listing page shall be maintained	27/04/2023
5.	I- PHIS086867322A PP	Pejabat Kesihatan Daerah Melaka Tengah (B)	Pharmacy Inventory	21/12/2022	Tasklist IWP – Request Order Authorization still appear	Email from user: YEAR 2022 IWP PENDING TASK LIST (REQUEST ORDER AUTHORIZATION)  Salam & greetings, below listed are year 2022 transactions that are still pending in our task list. For your info, there is no pending transaction on our side.  When we clicked to clear the task, some error popped up.	Task list was not properly updated if user rejects and did not clicking on OK button after alert message 'Order rejected successfully' is appeared at PKD approval screen. Suppose task list should be updated even OK button is not clicked	10/04/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						Below are the related details. Please assist, thank you.		
6.	I-PhIS088659423A PP	Klinik Kesihatan Seri Kembangan (A)	Pharmacy Inventory	19/01/2023	Penalty PS 21 – No print button for ‘Borang Tuntutan’ and ‘Senarai Semak’	Mr Lee Chin Lian melaporkan Tiada butang untuk cetak Lampiran 9 dan Lampiran 10 dalam penalti IWP untuk PE060900-221000336 dan PE060900-22900329	Missing implementation of print function at Penalty screen on ‘Borang Tuntutan’ and ‘Senarai Semak’ reports for PS21 once approved	30/03/2023
7.	I-PhIS097795223A PP	Hospital Batu Gajah (A)	Order Management	26/06/2023	Medication Profile - Prescription missing for partial order expired - Jar file issue	Same issue with ticket 231376493B Ms Fiona reported user noticed in medication profile there were missing prescriptions / missing drug. Details as below:  45071208XXXX   Chairol Mohd Fairoz 30/12- total 6 prescription (med. profile only have 2)  41111108XXXX   Lau Su Fong 30/12 - total 2 prescription (med. profile only have 1)  57030908XXXX   Rohim Bin Sinan 14/4 - 23/6 totally no record  82062207XXXX   Nor Hasmaliza Bt Mohd Zaim 18/6 - record missing	Incorrect implementation on PhIS midnight job scheduler. Data with expired partial order was not moved to summary table during midnight job scheduler	13/07/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						53102908XXXX   Hasiah Bt Abdullah 30/12 - record missing  53030208XXXX   Mohd Hida 9/6 - record missing		
8.	I- PhIS097842823A PP	Hospital Miri (A)	Order Management	27/06/2023	Medication Profile - Active taper drug not appear in current medication	<p>Email:- Hi, We encountered another two patients whereby some of the Rx not displayed under clinical summary but can be found under record retrieval.</p> <p>This is causing a huge concern to us and would like to know what's the root cause for this? Is the system not fixed properly from the previous bug??</p> <p>For MRN 246913- MINOR-OT0002390713 is missing from clinical summary For MRN 113500- ORTHOC0002239484 is missing</p> <p>Please fix them and can this issue be fixed from the root cause? Is this a continuous bug that needs to alert us as the user??</p>	Wrong implementation in code whereby the active tapered drug was not appeared at current and previous medication section if the main drug period is already passed	13/07/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
9.	I- PHIS090059323A PP	Bahagian Perkhidmatan Farmasi (HQ)	Special Approve Medicine	14/02/2023	IWP – Special Approval Medicine - Unable to print KPK Form	<p>Menerima laporan daripada pengguna seperti berikut:</p> <p>Saya ingin membuat aduan berkenaan dengan permohonan Asciminib 20mg Tablet (C0237/2023) di mana saya tidak dapat menjana laporan PDF selepas menekan butang 'Special Approval Medicine'.</p> <p>Skrin kosong akan muncul seperti pada screen shot ketiga di bawah.</p> <p>Terima kasih.</p>	Query issue. System was unable to retrieve alternative treatment value from backend database during printing function	22/05/2023
10.	I- PHIS087620923A PP	Klinik Kesihatan Putrajaya Presint 18 (A)	Report Enquiry	03/01/2023	Drug Usage By Patient - Record not appear - Order from TPC-OHCIS	<p>User reported she wants to generate Drug Usage by Patient for December but no patient record appears. User claimed she has performed transaction on December. Details as below:</p> <p>Order date: 1/12/2022 - 31/12/2022 Dispensing Date: 01/12/2022 - 31/12/2022 Order Type: Normal Dosage Form: Capsule</p>	Issue with the order created and confirmed from TPC-OHCIS where order location was set to null in medication order table, and this has impacted to missing record at Drug Usage by Patient report.	07/07/2023



## 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_V2.6.2.4.txt	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.2.4/facility/scrip ts
2	Facility Application	iphis_v2.6.2.4.war	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.2.4/facility/war
3	Facility Application	PHISService_v.2.6.2.4.war	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.2.4/facility/war
4	Facility Application	PHISSchedulers_v.2.6.2.4.jar	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.2.4/facility/jar
5	Facility Application	phis_Email_v2.6.2.4.jar	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.2.4/facility/jar
6	Facility Application	phis_Cd_V2.6.2.4.jar	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.2.4/facility/jar
7	Facility Application	phis_MyMaat_v2.6.2.4.jar	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.2.4/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.2.4/facility/jar
9	Mobile Application	iphismobile_user_v2.6.2.4.war	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.2.4/facility/war
10	Mobile Application	phisAPI_v2.6.2.4.war	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.2.4/facility/war
11	Mobile Application	lpadhosp-2.6.2.4.0b08.war	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.2.4/Mobile
12	HQ Script	PatchScripts2.6.2.4_IWP.txt	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.2.4/iwp/scripts



No.	Items	Components	Path
13	HQ Application	phishq_v2.6.2.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/iwp/war
14	HQ Application	masterRelease_v2.6.2.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/iwp/jar
15	HQ Application	epservice_V2.6.2.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/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_V2.6.2.4.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/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_v2.6.2.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.2.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.6.2.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/facility/war	Backup jar file from /home/phisesb/phisja



Step	Items	File Name	Source Path	Action
			1_Implementation/Applications/PHIS_ReleaseV2.6.2.4/facility/jar	rs/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.2.4.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/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_V2.6.2.4.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/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_v2.6.2.4.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/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_ReleaseV2.6.2.4/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.2.4.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/facility/war	Rename iphismobile_user_v2.6.2.4.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.2.4.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/facility/war	Rename phisAPI_v2.6.2.4.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.6.2.4.0b08.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/Mobile	Rename ipadhosp-2.6.2.4.0b08.war to ipadhosp.war and deploy. - Mobile Frontend: 2.6.2.4.0r18



Step	Items	File Name	Source Path	Action
				- Mobile Backend: 2.6.2.4.0b08

### 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	PatchScripts2.6.2.4_IWP.txt	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/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_v2.6.2.4.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/iwp/war	Rename the war file from phishq_v2.6.2.4.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.2.4.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/iwp/jar	Rename the jar file from masterRelease_v2.6.2.4.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.2.4.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.4/iwp/war	Rename the war file from epservice_V2.6.2.4.war to epservice.war then deploy.