



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

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## Release Note

For version 2.6.3.2

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### Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	15/09/2023	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	:	2.6.3.2
Client Name	:	Ministry of Health
Release ID	:	RL23/016
Release Date	:	15/09/2023

### 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 2.6.3.2.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I-PhIS087364322A PP	Pejabat Kesihatan Daerah Petaling (B)	Pharmacy Inventory	30/12/2022	Item Master - Wrong calculation include Receive Inter Facility - Return Item	Puan Sharmila reported Unit Price (RM) show 0. Item Group: Drug Item Facility Status: Active Stock Type: All Stock Available: With Stock Unit Name: Farmasi Stor Click Search Item Code: 1) 01.3030.03.306T 2) H02AB06000L9001XX.02 User suspect issue happened after return transaction. Transaction No: T220000035 T220000036 T220000037	Wrong condition was applied during calculation of 'Average Price' value at Item Master. Suppose system shall not recalculate 'Average Price' value if there is 'Receive Inter Facility' transaction with Receive Type = Return Item.	15/02/2023
2.	I-PhIS102257623A PP	Klinik Kesihatan Bandar Maharani (A)	Pharmacy Inventory	04/09/2023	Item Movement - Transaction price inaccurate SKU/PKU	Encik Izzuddin reported item price appear incorrect during issuing. However, when user create purchase order item price appear correct. Issue happened to few items. Email pengguna: Aduan Ralat Nilai	Item master average price was wrongly calculated after receiving the item. The SKU calculation for item average price was performed using PKU item average price and directly converted to SKU with 2	09/09/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						<p>Item di PHIS</p> <p>Merujuk kepada tajuk di atas, disertakan harga item yang terlibat serta lampiran untuk rujukan pihak puan.</p> <p>Seperti yang dilampirkan, Unit Price sepatutnya mengikut packaging PKU, bukan SKU.</p> <p>Ini akan memberi kesan kepada baki nilai ubat dalam PHIS yang terlihat seakan-akan nilainya besar sewaktu membuat reten bulanan.</p> <p>Sila rujuk lampiran.</p>	decimal places instead of 4. This has impacted to wrong transaction price at item movement and stock balance report.	
3.	I- PHIS102778723A PP	Hospital Miri (A)	Patient Management	12/09/2023	Medication Profile - Error contact admin - Taper Data	<p>Email: Error in clinical summary</p> <p>For RN135506- once we click all medications to be displayed under clinical summary, the error below will pop up. Please fix this issue so that we can trace the patient's history properly in the future.</p>	Incorrect method was used to handle lazy initialization issue and has caused system unable to retrieve the correct values of tapered drug details such as prescribed quantity, frequency, dosage form and admin route during opening medication profile screen.	13/09/2023
4.	I- PHIS098186623A PP	Hospital Raja Permaisuri Bainun (A)	Outpatient Pharmacy	03/07/2023	Drug Label - Incorrect Drug Label (Taper) after Modifying Prescription	<p>Pn Qurasyiah reported drug info on the label was not same as the actual drug info. She prints the label through record retrieval -&gt; dispense history.</p> <p>Details:</p>	System was not correctly saving dosage value during modifying taper drug at Manage Prescription screen. This has caused system to display wrong dosage	15/09/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						MRN and Patient name: HRPB1118354  Prescription number: PED0002160171  Dose for 360 mg  Info on the label: 3ml  Info on the actual drug: 3.6ml	value when printing drug label.	
5.	I- PHIS102085923A PP	Hospital Miri (A)	Inpatient Pharmacy	01/09/2023	Drug Label - Wrong dose appear in label - Alternate	Salam Sejahtera Tuan/Puan,  Didapati terdapat kesalahan dose selepas membuat alternation untuk product Injection Levetiracetam 100mg/ml.  Kekuatan ubat = Levetiracetam 100mg/ml  Dose intended: 150 mg Dose dalam ml = 1.5ml Dose dalam label = 30mg?	Dose at drug label was not showing the correct value during alternate process. System was wrongly converting the entered 'Quantity Per Dose' value with SKU UOM. Suppose system should display the dose value at drug label based on conversion of 'Quantity Per Dose' value to 'Quantity' or 'Strength' UOM, depending on 'Value to be Displayed' setting at Drug Master.	11/09/2023
6.	I- PHIS102921723A PP	Hospital Miri (A)	Inpatient Pharmacy	15/09/2023	Inpatient Drug Label - Incorrect drug label - Direct & Preview Print Infusion Drug	Menerima laporan daripada pengguna seperti berikut:  Pihak kami menghadapi masalah di mana label infusion yang lengkap tidak dapat diprint lepas tekan butang print. Label yang lengkap hanya dapat diprint di preview. Sila	Missing condition to display both Inpatient drug label with date and infusion detail information during preview and direct printing functions.	15/09/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						rujuk lampiran gambar		
7.	I- PhIS102096323A PP	Hospital Miri (A)	Manufacturing - CDR	01/09/2023	CDR Dispensing - Error contact admin popup when do dispensing	Email:- Unable to dispense CDR Order. A pop up with this message appears "An error has occurred. Please contact your system administrator. Message Error 80034, 80035, 80036"	Previously system was relying on user login location to define the dispense location during CDR dispensing for multiple patients. Issue has been fixed by directly retrieve dispense location value at listing screen instead of user login location.	11/09/2023
8.	I- PhIS100449023A PP	Klinik Kesihatan Bandar Kota Bharu (A)	Report Enquiry	07/08/2023	OP Partial Supply Report - No data appear	Puan Shazwani requests to know where user can view follow up prescription in system. User tried to refer report OP Partial Supply report however show no record when user filter as below: Next Collection Date From - to: 1/7/23 to 31/7/23	There was character length issue for 'Next Collection Location', 'Next Collection Mode' and 'Current Location Mode' columns. Character length was set to 20 characters previously, and this has impacted on the report generation. Issue is fixed by increasing the character length to 50 characters for those 3 columns.	12/09/2023



## 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_V2.6.3.2.txt	<a href="https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/scrip ts">https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/scrip ts</a>
2	Facility Application	iphis_v2.6.3.2.war	<a href="https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/war">https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/war</a>
3	Facility Application	PHISService_v.2.6.3.2.war	<a href="https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/war">https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/war</a>
4	Facility Application	PHISSchedulers_v.2.6.3.2.jar	<a href="https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/jar">https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/jar</a>
5	Facility Application	phis_Email_v2.6.3.2.jar	<a href="https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/jar">https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/jar</a>
6	Facility Application	phis_Cd_V2.6.3.2.jar	<a href="https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/jar">https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/jar</a>
7	Facility Application	phis_MyMaat_v2.6.3.2.jar	<a href="https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/jar">https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/jar</a>
8	Facility Application	phisIntegration.properties	<a href="https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/jar">https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/jar</a>
9	Mobile Application	iphismobile_user_v2.6.3.2.war	<a href="https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/war">https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/war</a>
10	Mobile Application	phisAPI_v2.6.3.2.war	<a href="https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/war">https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/facility/war</a>
11	Mobile Application	lpadhosp-2.6.3.2.0b08.war	<a href="https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/Mobile">https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/Mobile</a>
12	HQ Script	PatchScripts2.6.3.2_IWP.txt	<a href="https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/iwp/scripts">https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/iwp/scripts</a>
13	HQ Application	phishq_v2.6.3.2.war	<a href="https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic">https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic</a>



No.	Items	Components	Path
			ations/PHIS_ReleaseV2.6.3.2/iwp/war
14	HQ Application	masterRelease_v2.6.3.2.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/iwp/jar
15	HQ Application	epservice_v2.6.3.2.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.2/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_V2.6.3.2.txt	https://10.1.1.57:5522/svn/P hIS/Workspace_Dataware/3 1_Implementation/Applicati ons/PHIS_ReleaseV2.6.3.2/fa cility/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_v2.6.3.2.war	https://10.1.1.57:5522/svn/P hIS/Workspace_Dataware/3 1_Implementation/Applicati ons/PHIS_ReleaseV2.6.3.2/fa cility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.3.2.war	https://10.1.1.57:5522/svn/P hIS/Workspace_Dataware/3 1_Implementation/Applicati ons/PHIS_ReleaseV2.6.3.2/fa cility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.6.3.2.jar	https://10.1.1.57:5522/svn/P hIS/Workspace_Dataware/3 1_Implementation/Applicati ons/PHIS_ReleaseV2.6.3.2/fa	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and



Step	Items	File Name	Source Path	Action
			cility/jar	rename to PHISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.3.2.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.2/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_V2.6.3.2.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.2/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_v2.6.3.2.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.2/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_ReleaseV2.6.3.2/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.3.2.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.2/facility/war	Rename iphismobile_user_v2.6.3.2.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.3.2.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.2/facility/war	Rename phisAPI_v2.6.3.2.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.6.3.2.0b08.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.2/Mobile	Rename ipadhosp-2.6.3.2.0b08.war to ipadhosp.war and deploy. - Mobile Frontend: 2.6.3.2.0r18 - Mobile Backend: 2.6.3.2.0b08



### 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	PatchScripts2.6.3.2_IWP.txt	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.2/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_v2.6.3.2.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.2/iwp/war	Rename the war file from phishq_v2.6.3.2.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.3.2.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.2/iwp/jar	Rename the jar file from masterRelease_v2.6.3.2.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.3.2.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.2/iwp/war	Rename the war file from epservice_V2.6.3.2.war to epservice.war then deploy.