



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

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## Release Note

**For version 2.6.1.10**

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### Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	01/02/2023	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	:	2.6.1.10
Client Name	:	Ministry of Health
Release ID	:	RL23/003
Release Date	:	01/02/2023

### 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 2.6.1.10.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I- PhIS081524622S	Klinik Kesihatan Kota Damansara (A)	Pharmacy Inventory	10/02/2022	Issue - Running number not reset	Previous Report: 22048603C Puan Suzilawati reported Running number not reset back to 0 for 2022. As activity in previous report: A3: Re-assign to helpdesk for issue sequence no will not reset yearly or monthly. User provide example list of facility that their issue transaction got reset transaction number. KK Seri Kembangan KK Kelana Jaya KK Shah Alam Seksyen 19	Missing implementation in system to apply reset function on Issue transaction number for each year end	14/03/2022
2.	I- PhIS087810423A PP	Hospital Selayang (A)	Inpatient Pharmacy	05/01/2023	IP Drug Label - Incorrect drug label (Missing Admin Route when Preview)	User reported in drug label (ubat titis mata (IP format)) Not show it is for right eye or left eye Patient: Nur Liyana MRN: HSLY00326665 Rx No: 6B0001135023	Administration route information was not set properly in Inpatient drug label	20/01/2023
3.	I- PhIS085731522A PP	Klinik Kesihatan Seremban 2 (A)	Report Enquiry	02/12/2022	PF5.4 - No data generated	Ms Lim reported that upon generating PF5.4 for November 2022, there is no data generated. Informs user that for versionn 2.5 onwards, PF Reports are generated on Scheduler (every 1st & 7th of each month for previous month's	Issue happens due to report query for PF 5.4 was referring to wrong summary table and this has caused no data can be generated	26/01/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						data). However, user informs that she can generate data after 1st in previous version. She also informs that if system generate partially data on the 1st of Dec, why there is no data at all generated. Kindly advise.		
4.	I-PhIS087469823A PP	Klinik Kesihatan Kijal (B)	Report Enquiry	01/01/2023	PF 5.7(b) - No data generated for whole year 2022	Pn Syuhada reported that there is no data generated in PF5.7(b) for last year (Jan to Dec 2022).	Previously patient record was needed to be available in Methadone Patient Details screen in order to be displayed in report. Suppose the record should be displayed in report as long as there is methadone dispensing record regardless of whether patient is available in Methadone Patient Details screen or not	30/01/2023
5.	I-PhIS085957922A PP	Hospital Teluk Intan (A)	Report Enquiry	06/12/2022	PF 6.4 - No data generated or inaccurate	Mr Wilson reported, PF 6.4, no data generated when user search for month of January until November 2022. Due to this issue, user unable to generate report. Location user: Farmasi CDR	Issue comes from PF 6.4 summary generation script. The summary function was wrongly returning duplicate data and has caused data not able to be generated properly.	26/01/2023
6.	I-PhIS086075922A PP	Hospital Port Dickson (A)	Report Enquiry	08/12/2022	PF 5.2 - No Data Appear	User reported no data generated for report PF5.2 for January - November.	Incorrect method was applied in report to retrieve the facility name. There are some facilities	30/01/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						User filter by month also no data generated. Last month user able to generate report accordingly.	that are having almost same name and system trace this as same facility. This has caused data unable to be inserted into backend table and report unable to be generated	
7.	I-PhIS087491023A PP	Hospital Sik (A)	Report Enquiry	01/01/2023	PF 3.2 - Filter not functioning	Received email from En.Azrie :- BIL PRODUK IN ACCURATE WHEN COMPARE PF 3.2 AND LAPORAN PERBELANJAAN UBAT MENGIKUT SUMBER PEROLEHAN	Filter function by 'Quarter' criteria was not correctly implemented in report	20/01/2023
8.	I-PhIS077964422A PP	Hospital Segamat (A)	Outpatient Pharmacy	29/06/2022	Extemporaneous - Wrong drug name in label	User reported on for drug Isoniazide, on worksheet shows 40mg/ml but on label shows as 10mg/ml. MRN HSGP00334487 - Nur Shifa Aizurin No prescription - GV040171	System was wrongly taking previous saved extemporaneous drug name instead of the latest one when printing drug label	28/09/2022
9.	I-PhIS075847022A PP	Hospital Taiping (A)	Report Enquiry	06/05/2022	PF 6.3B – Incorrect Total Value for Polypharmacy	Report PF 6.3B Month:April 2022 Jumlah bilangan intervensi polifarmasi (0) kontraindikasi (6) interaksi ubat (1) incompatibility (1) salah pesakit (4) If manually count the result should be: 6, 1,1,4,0 Please refer user attachment	Wrong formula was used to calculate the total value for Polypharmacy. Suppose system should calculate the record based on each row value	13/01/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
10.	I- PhIS075571822A PP	Klinik Kesihatan Kalumpang (B)	Pharmacy Inventory	29/4/2022	IWP - Penalty transaction not available at IWP	Pn Ikin reported she send for approval for penalty transaction below, but PKD Hulu Selangor does not receive transaction to approve in IWP. PE21-10030040-22400097 PE21-10030040-22400098	Variable for attachment on 'Transportation Info Reference No' was not declared inside scheduler which causing system unable to initiate penalty integration between clinic and PKD	21/07/2022



## 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_V2.6.1.10.txt	<a href="https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/scripts">https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/scripts</a>
2	Facility Application	iphis_v2.6.1.10.war	<a href="https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/war">https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/war</a>
3	Facility Application	PHISService_v.2.6.1.10.war	<a href="https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/war">https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/war</a>
4	Facility Application	PHISSchedulers_v.2.6.1.10.jar	<a href="https://10.1.1.57:5522/svn/PHIS/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/jar">https://10.1.1.57:5522/svn/PHIS/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/jar</a>
5	Facility Application	phis_Email_v2.6.1.10.jar	<a href="https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/jar">https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/jar</a>
6	Facility Application	phis_Cd_V2.6.1.10.jar	<a href="https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/jar">https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/jar</a>
7	Facility Application	phis_MyMaat_v2.6.1.10.jar	<a href="https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/jar">https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/jar</a>
8	Facility Application	phisIntegration.properties	<a href="https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/jar">https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/jar</a>
9	Mobile Application	iphismobile_user_v2.6.1.10.war	<a href="https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/war">https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/war</a>
10	Mobile Application	phisAPI_v2.6.1.10.war	<a href="https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/war">https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/war</a>
11	Mobile Application	lpadhosp-2.6.1.10.0b08.war	<a href="https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/Mobile">https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/Mobile</a>

No.	Items	Components	Path
12	HQ Script	PatchScripts2.6.1.10_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/iwp/scripts
13	HQ Application	phishq_v2.6.1.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/iwp/war
14	HQ Application	masterRelease_v2.6.1.10.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/iwp/jar
15	HQ Application	epservice_V2.6.1.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/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_V2.6.1.10.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/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_v2.6.1.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.1.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applicati	Please rename the war file to



Step	Items	File Name	Source Path	Action
			ons/PHIS_ReleaseV2.6.1.10/facility/war	PHISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.6.1.10.jar	https://10.1.1.57:5522/svn/PHIS/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.1.10.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/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_V2.6.1.10.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/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_v2.6.1.10.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/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_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.1.10.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/war	Rename iphismobile_user_v2.6.1.10.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.1.10.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/facility/war	Rename phisAPI_v2.6.1.10.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.6.1.10.0b08.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataaware/3	Rename ipadhosp-2.6.1.10.0b08.war to



Step	Items	File Name	Source Path	Action
			1_Implementation/Applications/PHIS_ReleaseV2.6.1.10/Mobile	ipadhosp.war and deploy. - Mobile Frontend: 2.6.1.10.0r18 - Mobile Backend: 2.6.1.10.0b08

### 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	PatchScripts2.6.1.10_IWP.txt	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/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_v2.6.1.10.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/iwp/war	Rename the war file from phishq_v2.6.1.10.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.1.10.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/iwp/jar	Rename the jar file from masterRelease_v2.6.1.10.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_v2.6.1.10.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.10/iwp/war	Rename the war file from epservice_v2.6.1.10.war to epservice.war then deploy.