



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

Release Note

For version 2.6.3.14

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Revision History

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1.0	16/05/2024	Mohd Hilmi Mohamad	Zainura Said	First Version

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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	:	2.6.3.14
Client Name	:	Ministry of Health
Release ID	:	RL24/011
Release Date	:	16/05/2024

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 2.6.3.14.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I- PhIS115159 324APP	Hospital Kanowit (B)	Pharmacy Inventory	24/04/2024	Notification - Changes on notification data distribution	Received email from user as below: Please help to log new ticket regarding complaint from Sarawak LO as per attached. This issue has been discussed in the internal meeting and require to log technical Improvement ticket.	Wrong implementation was applied at notification scheduler whereby system was sending same notification multiple times to same facility, and this has impacted to system resources and performance.	N/A	Amend scheduler part to only send same notification record once to same facility.	30/04/2024
2.	I- PhIS115427 924APP	Pejabat Kesihatan Daerah Kinta (A)	Pharmacy Inventory	30/04/2024	Rejected Received Inter not sync to Issuer facility	Email: Status Rejected Issue No: E24PS001- 0000652 Dilampirkan screen shot issue no E24PS001- 0000652 KK Greentown yang 4 item yang direjected tidak flow balik ke item movement farmasi logistik PKD Kinta. IP Address KK Greentown:	Issue with missing 'Reject Reason' column in IWP table. Due to this, rejected issue from receiver facility was not able to flow into IWP database before sync to issuer facility.	Execute script to add the missing 'Reject Reason' column inside 'Reject Issue' table at IWP database.	Added 'Reject Reason' column inside 'Reject Issue' table at IWP database.	06/05/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>http://phis.phiskke080045.moh.gov.my:8080/iphis/login.zul;jsessionid=8669e06a7f718d9947fac2faea41</p> <p>IP Address PKD Kinta: http://phis.phispkdpk8.moh.gov.my:8080/iphis/pages/index.zul</p> <p>Di Homepage PKD Kinta sepatutnya ada rejected issue (issue online tapi tiada). Sila semak data di rejected issue KK Greentown dan item movement di PKD Kinta.</p>				
3.	I-PhIS115878 824APP	Hospital Sibul (A)	Clinical Pharmacokinetic Services (CPS) & TDM	08/05/2024	External TDM Request Received - No of transaction not tally	<p>Madam Tan reported External TDM showing 3 in the box but when click inside only appear 1 patient.</p> <p>User will send screenshot</p>	Wrong query was applied for TDM outsource listing at External Notification section whereby system will hide the TDM outsource record if 'Outsource Status' value is null at TDM order table. Suppose system can ignore null value for 'Outsource Status' during displaying TDM Outsource record.	N/A	Amend query to show TDM outsource record even 'Outsource Status' value is null.	09/05/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
4.	I-PhIS115040 624APP	Hospital Pakar Sultanah Fatimah (B)	Report Enquiry	22/04/2024	PhIS - Slow Processing Exceed Benchmark: - Authorization report	Puan Haziyah reported that PhIS is slow processing. User notices issue happens in Clinical Module, such as transcribing, checking Record Retrieval & Medication Profile.	Too many table joins were applied at backend query and has impacted to system resources and performance.	Apply indexes at drug authorization related tables.	Apply indexes at drug authorization related tables.	30/04/2024
5.	I-PhIS111375 824APP	Klinik Kesihatan Tebrau (A)	Report Enquiry	08/02/2024	SPUB Record - Processing unable to generate data	Ms Kai Ching reported that she is unable to generate data in SPUB Record due to system keeps processing with no result. Kindly refer to attachment for further details.	Previously report generation was directly retrieved from transaction table and it has impacted to system resources and performance.	N/A	Apply staging table procedure for report generation.	07/05/2024
6.	I-PhIS093408 823APP	Hospital Kuala Lumpur (A)	Report Enquiry	13/04/2023	CDR Registry - Combination drug does not appear	Email from user: CDR Registry issues We noticed that when transcribing CDR regimen that uses combination drug to change to another strength, the preparation does not appear in the CDR registry. Example given for 2 patients transcribed	Missing implementation to retrieve alternate combination drug and diluent inside report query.	N/A	Amend code to retrieve correct alternate combination drug and diluent in report.	14/05/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>today on 13/4/23, picture as attached.</p> <p>1) Sawiyah Othman: on FOLFOX+Bevacizumab, but only Oxaliplatin appeared.</p> <p>2) Mohd Azlani: on FOLFOX, but only Oxaliplatin appeared</p> <p>Since HKL uses several drugs with alternate strength compared to the default in the regimen, this will affect a high number of our statistics.</p>				



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_V2.6.3.14.txt	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.14/facility/scri pts
2	Facility Script	PatchScripts_PHIS_V2.6.3.14_Functi ons.txt	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.14/facility/scri pts
3	Facility Application	iphis_v2.6.3.14.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.14/facility/wa r
4	Facility Application	PhISSchedulers_v2.6.3.14.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.14/facility/jar
5	Facility Application	pfreports_V2.6.3.14.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.14/facility/jar
6	Facility Application	phispfsummary_V2.6.3.14.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.14/facility/jar
7	Facility Application	PhISMessaging_V2.6.3.14.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.14/facility/jar
8	HQ Script	PatchScripts_IWP_V2.6.3.14.txt	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.14/iwp/scri pts
9	HQ Application	phishq_v2.6.3.14.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.14/iwp/war
10	HQ Application	PhISMessaging_V2.6.3.14.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.14/iwp/jar

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_V2.6.3.14.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.14/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 Script	PatchScripts_PhIS_V2.6.3.14_Functions.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.14/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.
3	Facility Application	iphis_v2.6.3.14.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.14/facility/war	Please rename the war file to iphis.war then deploy.
4	Facility Application	PhISSchedulers_v2.6.3.14.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.14/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	pfreports_V2.6.3.14.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.14/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to pfreports.jar.



Step	Items	File Name	Source Path	Action
				Then Restart crontab.
6	Facility Application	phispfsummary_V2.6.3.14.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.14/facility.jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phispfsummary.jar. Then Restart crontab.
7	Facility Application	PhISMessaging_V2.6.3.14.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.14/facility.jar	Backup jar file from /home/phisesb/phisjars/FACqueue and copy downloaded jar and rename to PhISMessaging.jar. Restart PROCESS_IMAGE, PROCESS_MSG.

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	PatchScripts_IWP_V2.6.3.14.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.14/iwp/scripts	Please ensure all the scripts are executed before phishq.war is deployed. Please ensure the script is executed in sequence. Script files highlight and execute. For _Functions.txt, please ensure execute one by one blocks.
2	HQ Application	phishq_v2.6.3.14.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.14/iwp/war	Rename the war file from phishq_v2.6.3.14.war to phishq.war then Deploy using Glassfish Administration Console.
3	HQ Application	PhISMessaging_V2.6.3.14.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.14/iwp/jar	Rename the jar file from PhISMessaging_V2.6.3.14.jar to PhISMessaging.jar and replace the existing .jar at Integration / Helpdesk server 172.16.3.16, in these 2 directories: 1. /home/phisesb/phisjars/IWPImagequeue.