



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

Release Note

For version 1.6.1.4

<p>Version : 1.0 Document ID : PhIS_CPS/ReleaseNote/Refinement/18082017</p>



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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	18/08/2017	Zainura	Chew Ming Ping	First Version

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Peer Review

Version No	Reviewed / Verified by	List Of Changes from Previous Version
1.0	Michelle Foo (QA)	Initial document



- 1 INTRODUCTION 1**
 - 1.1 PROJECT INFORMATION 1
 - 1.2 OBJECTIVES 1
- 2 PURPOSE 2**
- 3 SUMMARY – REFINEMENT AND DEFECT LIST 3**
 - 3.1 REFINEMENT LIST 3
 - 3.2 RESOLVED DEFECT LIST 3
- 4 REFINEMENT LIST – DETAIL CHANGES 12**
- 5 DEPLOYMENT - PROCEDURES 13**
 - 5.1 LIST OF ITEMS TO BE DEPLOYED 13
 - 5.2 BACKUP PROCEDURE BEFORE DEPLOY 13
 - 5.2.1 Backup Procedure 13
 - 5.3 DEPLOYMENT/INSTALLATION GUIDELINES 14
 - 5.3.1 Deployment at Facility 14
 - 5.3.2 Deployment at HQ - IWP 14



1 Introduction

1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	1.6.1.4
Client Name	:	Ministry of Health
Release ID	:	RL17/012
Release Date	:	18/08/2017

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 defect list that included in PhIS and CPS version 1.6.1.4.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
1	I-PhIS020204117S	Hospital Sentosa	Clinical Pharmacokinetic Services (CPS) & TDM	10/8/17	TDM Outsource - Unable to receive external TDM request	User reported already sent External TDM Request to Hospital Umum Sarawak today at 2.23pm and 2.26pm. But until now, HUS not receive External TDM Request from Hospital Sentosa. TDM order No.: TDM196 & TDM197	The sync process was stuck at IWP.	15/8/17	
2	I-PhIS020113217S	Hospital Pakar Sultanah Fatimah	General Module	3/8/17	Location Setup - Que management revert to previous setup	User reported already changed the que management no. But the number will revert back to original. Kindly revert to the attachment. Unit: Unit Farmasi Dicaaj	Initial requirement was given to reset queue series every day midnight to fixed values, due to that every day midnight queue series reset to fixed values even if user set different series	16/8/17	
3	I-PhIS020111617S	Hospital Pakar Sultanah Fatimah	Inpatient Pharmacy	3/8/17	Screening & verification - Alternate drug calculates order details wrongly - label	Receive email from user Puan Siti Aisyah reported alternate drug order details changed automatically. Will cause medication error	Wrong formula added to display dose value for alternate drug. If drug setting have display value strength, strength uom and order uom are	16/8/17	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
							same then dose value will set from alternate drug strength. Expected : dose = Qty per dose * drug strength		
4	I-PhIS020134617S	Hospital Raja Permaisuri Bainun	Inpatient Pharmacy	4/8/17	Simulation Server Version 1.6: Fill List-Patient name found under Dangerous Drug	User report that Prednisolone drug Is List B drug instead of Dangerous Drug	Filter drugs was modified because Dangerous drug/Normal Drug filter not correctly added (Missing Dangerous drug condition).	16/8/17	
5	I-PhIS020020917S	Pejabat Kesihatan Daerah Temerloh	IWP	26/7/17	IWP (Virement) - Popup INFO appear	Miss Lim reported she want to make virement from KK Termerloh to PKD Temerloh with amount of RM0.19. But popup INFO appear as 'Transfer amount cannot be blank and cannot be less than or equal '0'	The transfer amount convert the decimal value to zero.	14/8/17	
6	I-PhIS020213517S	Bahagian Perkhidmatan Farmasi (BPF)	IWP	11/8/17	IWP Item Group report display wrong value in Sub Class columns	IWP > Report/Enquiry > Item Group, after generate report in PDF or excel, for both drug and non drug, columns subclass display wrong value. Please refer attachment.	Select wrong table and column when get item type, subclass, item class and drug category value.	15/8/17	
7	I-PhIS019947917S	Hospital Dutchess of Kent	Manufacturing - CDR	20/7/17	Medication Order (CDR) - Unable to find CDR Reigimen	User reported unable to select CDR regimen code or regimen description due to appear error An error occur. Please contact your administrator. User inform at CDR Regimen already active. CDR Regimen: Carboplatin Example Patient:	This issue when strength uom is null in regimen drug Missing null value checking. Strength uom is not mandatory IWP side.	10/8/17	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
8	I-PhIS019956117S	Hospital Miri	Manufacturing - CDR	20/7/17	CDR preparation - Unable to save for combination drug	<p>User reported that when want to save the cdr preparation, error 'An error has occur. Please contact your system administrator' appear. It only happen if user want to combine Capecitabine 150mg Tablet & Capecitabine 500mg Tablet. Kindly refer previous report: 17134331C . Should be user do not have the problem anymore due to already use PhIS v1.5</p> <p>Example MRN: HMIRI00140714</p>	<p>1.Error when save combination drug in item batch - missing validation for save same drug with diff batch when click on Close button with save record</p> <p>2. Error when Prepare record with combination drug - drug dispensing uom is not available means this column is null (Not available drug dispensing uom selection in item batch screen for alternate)</p>	9/8/17	
9	I-PhIS020026517S	Klinik Kesihatan Paka	Manufacturing - Extemporaneous	26/7/17	Transcribe order preparation - Cannot print label due to error - extemp	<p>User reported user make order and at screen preparation, user make Extemporaneous and user want to print label an error occured Please contact your administrator . MRN patient: KKE11004500089115</p>	<p>This problem caused by concurrent user activity for same record.</p>	9/8/17	
10	I-PhIS019982417S	Hospital Kota Tinggi	Order Management - Web	24/7/17	Trancribe order - Unable to order drug - discharge medication - renew	<p>User reported unable to order drug at screen medication for patient already discharge, due when click renew RX with different duration appear popup this patient is already discharge, new medication cannot be order anymore</p> <p>step by user :</p> <ol style="list-style-type: none"> 1) Discharge patient 2) Transcribe order > medication profile > tick drug at current medication > click button renew 	<p>Checking on discharged flag when do renew/renew with different duration eventhough order is for discharge medication</p>	8/8/17	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						RX with different duration > appear popup MRN : HKTG00086884			
11	I-PhIS020020817S	Hospital Pakar Sultanah Fatimah	Outpatient Pharmacy	26/7/17	QMS - Sistem does not capture proper queue series	Sistem does not capture proper queue series Upon acknowledgement queue series was chosen before acknowledging patient arrival for queue number printing (as below) " " but in pharmacy screen the queue series are all normal even though other queue series was chosen. Update: 1. Facility is using QMS system from phis 2.Queue is Auto-generate that is why we selected the queue series for different numbers to differentiate counter, Kindly refer file upload	While populate data @OP_Screening, Single stage Dispensing, Methadone. System fail to set Queue Series values which already recorded in earlier stage, it always set to 'Normal'.	8/8/17	
12	I-PhIS020031017S	Klinik Kesihatan Telok Datok	Outpatient Pharmacy	27/7/17	SPUB - Wrong prescription date when print prescription for SPUB patient	Pn Ngew report when she print prescription for SPUB pt under MRN:KKE10007500077678, system print wrong date prescription as 26/7/2017. Supposedly the date prescription is 6/7/2017. User access patient in SS Dispensing screen. Tick SPUB check box and click SPUB R1 Form button. She fill out all the required fields in screen SPUB Form, click save and click button print.	Issue happens due to wrong column was used (created date) to display Prescription date in R1 Form at SPUB Patient List instead of order_date.	11/8/17	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
13	I-PhIS019281217S	Klinik Kesihatan Kalumpang	Pharmacy Inventory	24/5/17	Purchase Order (APPL) - Delivery Date not tally	User reported that delivery date for PO17000113 not tally. He inform, by referring book of Garis panduan tuntuan penalti dan kos tambahan bagi pembelian terus di bwh perjanjian konsesi penswasataan makmal ubat dan stor KKM versi 1/2011 that he receive from KKM, the delivery date will be count 7 days after order date. He also inform that the delivery date will be count before 2PM or after 2PM based on order time. If the order time after 2PM, system will be count delivery date on the next day. PO No: PO17000113 LPO : L0251061401170762 PO order date and time : 11/5/2017 at 12.00PM Delivery Due Date and time: 22/5 at 12pm He inform supposedly the delivery due date on 19/5, not 22/5 because the order time before 2PM. Helpdesk try to get screenshot for the Garis panduan tuntuan penalti dan kos tambahan bagi pembelian terus di bwh perjanjian konsesi penswasataan makmal ubat dan stor KKM versi 1/2011 , but user inform he only have hardcopy and do not have scanner to scan the hardcopy.	Additional 1 day has been calculated for delivery date	15/8/17	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
14	I-PhIS019982317S	Hospital Seri Manjung	Pharmacy Inventory	24/7/17	Receive From Supplier (Replacement) - An error occurred when save	User reported user want to make receiving for replacement item. Return number, LPO number and DO number appear but when user want to save, an error box appear "Receive quantity should not more than 100". User informed user unable to change the Receive Quantity. LPO no: L0251050801170264 return no: T170000138 DO: 147610867	validation not handled properly to prompt Message	16/8/17	
15	I-PhIS020035517S	Klinik Kesihatan Bekok	Pharmacy Inventory	27/7/17	Receive (Inter Facility) - Unresponsive save button	En Tan report he make receiving manual from Hospital Segamat. He inform that when click button Save, appear pop out that record is save. But, still appear Save button at screen. User try twice to save but still same problem occur for for received no:P170000488.	Save button was not handled in the stage of after sent for approval, before approval/reject.	11/8/17	
16	I-PhIS020072317S	Pejabat Kesihatan Daerah Kuala Muda	Pharmacy Inventory	31/7/17	RCL - Non expired item also appear in RCL list	User reported that non expired item appear in RCL list that she generate. Kindly refer to the attachment	Non expired item appear in RCL screen due to expiry date validation not apply.	11/8/17	
17	I-PhIS020113917S	Klinik Kesihatan Tanjung Malim	Pharmacy Inventory	3/8/17	Purchase Order - Able to insert same LPO NO	User reported unable to find LPO No. User claim she receive partially. This is the 3rd time to user to perform receiving.	LPO No able to insert same in Purchase order screen due to LPO validation not handled properly for existing lpo number	11/8/17	
18	I-PhIS020132117S	Hospital Putrajaya	Pharmacy Inventory	4/8/17	RPL - Appear inactive item at RPL	Ms Shangeetha generated RPL (ie. RP17000069) for LP items yesterday. Eperisone HCL 50mg	item type and active flag value not handled properly	16/8/17	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						<p>Tablet was listed in this RPL Eperisone however is a Tender Item, it's contract being KKM-105/2016/F(U). facility purchases for the item has been using the contract through out the year.</p> <p>I have attached the drug/non drug catalogue and it can be seen that only that contract item is active and is the default item.</p> <p>User set as inactive at drug non drug but item still appear under LP item.</p>			
19	I-PhIS020150317S	Hospital Sultanah Aminah	Pharmacy Inventory	7/8/17	disseminate item - notification not appear	<p>user reported user perform disseminate inter facility for near expiration item on 2/8/2017 and include HPSF as facility list but user from main store HPSF inform they did not receive the notification for disseminate.</p> <p>notification number: NO1700010</p>	Issue happened due to recent changes applied on data push limit, data not set to the list properly	10/8/17	
20	I-PhIS020173717S	Pejabat Kesihatan Daerah Seberang Perai Selatan	Pharmacy Inventory	8/8/17	Receive from Supplier (Contract & LP) - Prompt Error Message	<p>User reported when proceed for receiving item Contract system prompt error message An error has occur. According to user error message prompt when she select LPO number.</p> <p>Problem only happen for partial receiving for LP & contract.</p> <p>Currently system code has checking on existing DO details which is not applicable for CP and LP</p> <p>Expected result - Receiving for LP &</p>	Issue happened due to when Purchase order type is "Contract" and supplier "Pharmaniaga", system try to get DO details for that LPO, which dont have any DO details against CP LPO. Issue happens only when do Partial receiving against CP with Pharmaniaga supplier.	16/8/17	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						Contract should not require checking on DO either full or partial receive. LPO Number : 1170732			
21	I-PhIS020184917S	Hospital Bukit Mertajam	Pharmacy Inventory	9/8/17	APPL Purchase Order - Able to approve even balance less than PO amount	User reported she already received physical item today (9/8/2017) but order status still pend. for eP approval. In IWP the status already updated as eP approved. User informed LPO also not appear during receiving because of this issue. L0251040401171609	Coding issue for validation. Sequence of validation is wrong, system should validate budget before push the PO to IWP.	15/8/17	
22	I-PhIS020203717S	Cawangan Farmasi Logistik Negeri	Pharmacy Inventory	10/8/17	IWP Payment - To have validation of LPO & Facility also instead of LPO No only	User request to clear back order. User do purchase order for item contract N05CD08110P3002XX.01 for 60 but in ep quantity been approve 600. Confirm with user receive physical item only 60 and receive in system also 60. LPO : L170962 Item :N05CD08110P3002XX.01	Issue happened due to validation on LPO No# only, due to that when same LPO used in different facilities not able to proceed to do payment	16/8/17	
23	I-PhIS020241817S	Klinik Kesihatan Quarters KLIA	Pharmacy Inventory	14/8/17	RPL - Item not displayed after double click to Add Item	User reported unable to add item due unable to select item. Step : Inventory - Procurement - Routine - Recommended Purchase List - Item Purchase Type (APPL) - Item Group (Non-Drug) - Add item - Non-Drug Name (when select column blank) Vote code : 070801/0206/00/27499/99	Issue happened due to wrong query in code	16/8/17	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
24	I-PhIS020244917S	Klinik Kesihatan Kalumpang	Pharmacy Inventory	14/8/17	Purchase Order (APPL) - Approved Quantity not follow Order Quantity	User reported Approved Quantity not follow Order Quantity when user edit back the quantity. At first user insert order quantity 50, approve quantity shows 50. Then, user edit by insert quantity 10, but approve quantity still remain 50.	Issue happened due to order qty change component event not handled properly	15/8/17	
25	I-PhIS020102317S	Cawangan Farmasi Logistik Negeri	Report/Enquiry	2/8/17	YTD Issue Value- Total amount not tally with Issue Report	User reported user generate YTD Issue Value and total amount for both (Drug & Non Drug), drug and non drug not tally with YTD Issue Value.	Wrong column value taken for drug and non-drug amount(issue_qty*item_avg_price_sku). Therefor the amount are different from issue report	8/8/17	
26	I-PhIS020206617	Hospital Tanah Merah	Report/Enquiry	10/8/17	BCP not updated	Tech Imran reported BCP not updated.Latest data generate at BCP workstation showing only june.	Issue happened due to coding issue jar file when generate BCP reports	15/8/17	

Verified and Acknowledged By:

Signature: _____ Name: _____
Date: _____ Designation: _____

Signature: _____ Name: _____
Date: _____ Designation: _____



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	1. PatchScripts_PhIS_v1.6.1.4_1_Functions.txt 2. PatchScripts_PhIS_v1.6.1.4_1.txt 3. PatchScripts_PhIS_V1.6.1.4_2.txt 4. PatchScripts_PhIS_V1.6.1.4_3.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.4/facility/scripts
2	Facility Application	iphis_v1.6.1.4.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.4/facility/war
3	Facility Application	PhISSchedulers_v.1.6.1.4.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.4/facility/jar
4	HQ Script	PatchScripts_IWP_v1.6.1.4.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.4/iwp/scripts
5	HQ Application	phishq_v1.6.1.4.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.4/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	<ol style="list-style-type: none"> PatchScripts_PhIS_v1.6.1.4_1_Functions.txt PatchScripts_PhIS_v1.6.1.4_1.txt PatchScripts_PhIS_v1.6.1.4_2.txt PatchScripts_PhIS_v1.6.1.4_3.txt 	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.4/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_v1.6.1.4.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.4/facility/war	Please rename the war file from iphis_v1.6.1.4.war to iphis.war then deploy.
3	Facility Application	PhISSchedulers_v.1.6.1.4.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.4/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar.

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_v1.6.1.4.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.4/iwp/scripts	Execute as Script
2	HQ Application	phishq_v1.6.1.4.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.4/iwp/war	Rename the war file from phishq_v1.6.1.4.war to phishq.war then Deploy using Glassfish Administration Console