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

Release Note

For version 1.6.1.7

Version	**: 1.0**
Document ID	**: PhIS_CPS/ReleaseNote/Refinement/06102017**

© 2011-2017 Pharmaniaga Logistics Sdn Bhd (PLSB)

CONFIDENTIAL COPYRIGHTED MATERIAL – *The information includes all concepts, comments, recommendations, and material, contained herein shall remain the property of Pharmaniaga Logistics Sdn Bhd (PLSB). No portion of this document shall be disclosed, duplicated or used in whole or in part of any purpose other than the purpose of the Pharmacy Information System & Clinic Pharmacy System (PhIS& CPS) Project execution only.*

Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	06/10/2017	Zainura	Chew Ming Ping	First Version

Verified and Acknowledged by:

Name	Role/Designation	Organization	Signature & Date
Chew Ming Ping	Team Leader	Pharmaniaga Logistics Sdn Bhd	
Hoh Choon Seng	Project Manager	Pharmaniaga Logistics Sdn Bhd	

Name	Role/Designation	Organization	Signature & Date
		Bahagian Perkhidmatan Farmasi (BPF), KKM	
		Bahagian Pengurusan Maklumat (BPM), KKM	

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 11

5 DEPLOYMENT - PROCEDURES 12

5.1 LIST OF ITEMS TO BE DEPLOYED 12
5.2 BACKUP PROCEDURE BEFORE DEPLOY 12
5.2.1 Backup Procedure 12
5.3 DEPLOYMENT/INSTALLATION GUIDELINES 13
5.3.1 Deployment at Facility 13
5.3.2 Deployment at HQ - IWP 13

1 Introduction

1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	1.6.1.7
Client Name	:	Ministry of Health
Release ID	:	RL17/015
Release Date	:	06/10/2017

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 issue list that included in PhIS and CPS version 1.6.1.7.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
1	I-PhIS020555517S	Hospital Umum Sarawak	Manufacturing - Radiopharmaceutical	13/9/17	Kit Preparation - Elution date time not tally with label printed	Ms Lau reported Elusion date time not tally with label printed. Refer attachment. Worksheet ID: HUS20170911003	Wrong value taken for Elution date and time when click label button and print button.	25/9/17	
2	I-PhIS020531617S	Hospital Seberang Jaya	Medication Counseling	11/9/17	Medication counselling - time not save properly	Ms Lee reported when done do counseling and want to record it the time was correct the time user key in but after save appear wrong time at Date of follow up Refer attachment.	Date of follow up in MC reporting only save date not save time.	26/9/17	
3	I-PhIS020466517S	Hospital Pakar Sultanah Fatimah	Order Management - Web	5/9/17	Manage Prescription-Unable to access certain modules in PhIS	En Masnizar informed unable to access certain modules in PhIS and effected to all unit in HPSF. Error message 9651 : Please contact your administrator.	As per log attached for Manage order. System fail search records in manage order if user location not configured.	27/9/17	
4	I-PhIS020440617S	Hospital Tanah Merah	Outpatient Pharmacy	30/8/17	Screening - Unable to proceed dispense	User reported do 2 times tapper down for RX medical0000244259. User already do dispense for normal and 1st tapper down. User inform in 1st tapper down,only dispense for 1 drug and another drug status hold.	Wrong validation was applied on resume. System checking on main ordered drug/previous tapper in hold state present or not. But system also checking on hold	2/10/17	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						User unable to proceed dispense for 2nd tapper down. User inform when she click pop up " INFO7891: Please resume main/previous taper drug(s) first! MRN : 57647 RX no : medical0000244259 1st tapper : 1 month 2nd tapper : 2 month	status of the drugs against all previous dispense cycles.		
5	I-PhIS020561717S	Klinik Kesihatan Kalumpang	Outpatient Pharmacy	13/9/17	SPUB listing - Register list wrong display	User reported Register list wrong display after user click filter at register. Kindly refer file upload for further action. Before click register, appear REGISTERED at first listing and REGISTER at last listing. When click filter. Should appear REGISTER at first listing	If visit_number column have value then it treated as 'Registered', if spub_registered column have value 'C' then treated as 'Cancel' otherwise treated as 'Register'. No possible to sort two different columns (visit_number, spub_registered). Thus maintain only sort by SPUB Register	27/9/17	
6	I-PhIS020627417S	Hospital Port Dickson	Pharmacy Inventory	20/9/17	Adjustment_ERR0284_Proper alert is not displayed	User reported want to perform stock adjustment for item that already receive before go live. But user unable to proceed due popup appear "error 0284". Confirmed by user issue happen only for 1 item. Item code: 43.0001.02 Batch no.: 151928T Step: -Adjustment > click add button -Transaction Type: Routine checking > Click add item	Validation on Send For approval & Approval not handled.	3/10/17	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						-Select Item group : Drug -Select Item Description & Batch no. -Enter remark, Select Adjustment: - -Enter Recommended Adjustment Quantity -Select Reason: Write Off -Click save > error "error 0284" appear			
7	I-PhIS020765917S	Pejabat Kesihatan Kepong	Pharmacy Inventory	3/10/17	Budget Balance by Vote - Budget not flow to system - budget movement	User reported that she allocate budget on yesterday in IWP but when she check today to make purchase order, the budget still not flow. Vote code: 270901/020600/27499/99 Allocate IWP : RM 1,000.00	During new current budget master creation, active flag set to null, due to that data not able to sync facilities	4/10/17	
8	I-PhIS020357017S	Hospital Sentosa	Pharmacy Inventory	23/8/17	Intra Facility Indent - Dispensing Quantity Not Updated at 'Usage & Issue Qty' Hyperlink	Ms Laura reported usage & issue quantity at indent intra screen is shows wrong. According to user, supposedly the usage has been in thousands for 3 month usage but in system only appear as 29 tabs. Kindly refer attachment for references. Drug code: N05AH02000T1001XX (Clozapine 25mg)	Wrong formula used to calculate dispense qty. In sql query date comparison not correctly carried out with provided date range. Instead of between criteria, system finds qty with excluded date range.	28/9/17	
9	I-PhIS020781117S	Hospital Tanah Merah	Pharmacy Inventory	4/10/17	Issue - Appear error	User reported when click button + at issue screen appear error please contact your system administrator. Already log out and login, error still appear. Check at module indent, no issue and no error appear. Problem happen to L3 users	Add new button for Issue screen pointer exception wrong to handled during add new record.	5/10/17	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
10	I-PhIS020497517S	Makmal Ubat dan Stor Bahagian Sibu	Pharmacy Inventory	7/9/17	Issue (interfacility) - appear error when double click	User reported appear error when click issue note(error please contact your system admin), happen for issue inter facility only, user already try for intra facility no issue, no error appear. Transaction reported : N02ps001-0010263 E02ps001-0010828 E02ps001-0010829 E02ps001-0010830 E02ps001-0010831 E02ps001-0010832 E02ps001-0010833 E02ps001-0010834	Issue happened when same indent no available at facility from different facilities, issue details and indent details not matching.	28/9/17	
11	I-PhIS020572417S	Klinik Kesihatan Peringgit	Pharmacy Inventory	14/9/17	Issue Offline - Remarks not complete when print report	User reported remarks not complete when print report Issue No : M02PS001-0000432	The max no. of character for remark that displayed on PDF report is less than on the screen.	26/9/17	
12	I-PhIS020615317S	Hospital Seri Manjung	Pharmacy Inventory	19/9/17	Prepacking(Worksheet) - Decimal no. shown at Qty to prepack (PKU)	User reported decimal no. shown at Qty to prepack (PKU) . User claim previous version no decimal no and it confuse user. Worksheet ID: 17-09-0348	This issue happens due to existing code formatting doesn't has decimals.	27/9/17	
13	I-PhIS020512217S	Klinik Kesihatan Kalumpang	Pharmacy Inventory	8/9/17	Purchase order - Item not remain in sequence	User reported item not remain in sequence at purchase order detail. Kindly refer file upload for further checking Step by user : Purchase order screen> supplementary order>fill all mandatory column>add item>save item>save>close purchase order	listing value sorting not handled properly	28/9/17	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						screen>open again> item not remain in sequence			
14	I-PhIS020593117S	Hospital Kulim	Pharmacy Inventory	17/9/17	Purchase Order APPL - price not tally with EP	Cik Husna reported in Ep and PhIS didn't show same price. User already issue previous report 17144221C that mention will solve on ver 1.5.3. but as current facility user 1.6.1.3 but got still problem again. phis EP 03.3609.03 RM4.2301 RM4.23 02.0006.07 RM4.9801 RM4.98 03.0610.04 RM8.9601 RM8.96 03.0609.05 RM2.7201 RM2.72 phis eP 01.3023.07 RM4.9801 RM4.98 09.3002.02 RM4.6901 RM4.69	The value in unit price field is 4 decimal and cause the issue	25/9/17	
15	I-PhIS020505717S	Klinik Kesihatan Tampin (JPL)	Pharmacy Inventory	7/9/17	Receive (Interfacility-Manufacturing) - Unable to retrieve indent	User reported unable to receive issue. User informed suppose receive 3 manufacturing issue from Hospital Tampin. User informed at External Notification show got 3 issue. When click on the box, just blank. User only got 1 of the transaction no from Hospital Tampin since already receive the physical issue note. User unable to provide other 2 transaction no. User from Level 3-Kaunter Farmasi. Facility Info for Indenter & Issuer Manufacturing already set to Kaunter Farmasi Transaction No	Receiving from Inter Facility for Manufacturing indent was restricted only for Level 2 & Level 3 despite Manufacturing Indenter Unit of Receiving Facility was set to Level 1.	27/9/17	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						Indent No : R17000750 Issue No : E02FPD-0000122			
16	I-PhIS020730717S	Hospital Kanowit	Pharmacy Inventory	29/9/17	Receive from Supplier (FOC) - Unable to approve	User reported that he unable to approve receive from supplier due to appear An error has occurred. Please contact your administrator during click on Approve button. Receipt no: P170002325	For all receiving types LPO no is mandatory include FOC type. No checking for NULL value for FOC.	3/10/17	
17	I-PhIS020467817S	Hospital Kepala Batas	Pharmacy Inventory	5/9/17	Requisition Order (Non Standard) - Unable to print	User reported he unable to print Requisition Order after created. User claimed when he click print button, no respond. Only 2 requisition order number can't print. Others requisition able to print. Details as below: RO No: 17000194 Status: Approved 17000145 Status: Approved User ID: 860210025127	Report Button generated not handled on print event.	28/9/17	
18	I-PhIS020633317S	Hospital Miri	Report/Enquiry	20/9/17	Reporting-Precription management data not tally base on search criteria.	Ms Chuah reported data in the report not tally base on search criteria.Sample give: 1.visit type: emergency Acknowledge date/time from:18/9 8am Acknowledge date/time to-19/9 10pm Order status: new info that appear out of range selected. sample : acknowledgment at 11pm still appear in this report. 2.Visit type:Emergency	report display incorrect value is caused by the searching function doesn't include time in it search function	28/9/17	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						Acknowledge date/time from: 18/9/ 10pm Acknowledge date/time to : 19/9 8am: result will include (refer to arrival time): Order status: new .sample : acknowledgment before 10pm still appear in this report Remark :High Priority due to user use this report in daily operation			
19	I-PhIS020612817S	Hospital Pakar Sultanah Fatimah	Special Drug Request	19/9/17	Special drug request - error message pop up	user reported when after specialist filled in all info to applied "special drug request" This box appeared in PhIS system when specialist click on button save. please refer file upload for pop up error Updated: Step: -User select Request by : Patient. -User select Request type: New. -Same issue happen for today transaction. -For today doctor select drug name: Febuxostat 80mg tablet -MRN for today: 184314 (Ahmad Anuar Bin Russ)	Wrong data type for column repeat_no.	27/9/17	
20	I-PhIS020675317S	Hospital Raja Permaisuri Bainun	SPP	25/9/17	Clinical Notes - Patient Diagnosis From PhIS not appear on SPP	Patient Diagnosis entered from PhIS not appear on SPP. Diagnosis entered from SPP can appear on PhIS. Kindly refer attachment.	Diagnosis contain carriage return character which not comply with HL7 compliance when convert into HL7 message.	27/9/17	

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_V1.6.1.7_8.txt 2. PatchScripts_PhIS_V1.6.1.7_8_Functions.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.7/facility/scripts
2	Facility Application	iphis_v1.6.1.7.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.7/facility/war
3	Facility Application	PhISSchedulers_v.1.6.1.7.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.7/facility/jar
4	HQ Script	PatchScripts_IWP_v1.6.1.7.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.7/iwp/scripts
5	HQ Application	phishq_v1.6.1.7.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.7/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	1. PatchScripts_PhIS_V1.6.1.7_8.txt 2. PatchScripts_PhIS_V1.6.1.7_8_Functions.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.7/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_v1.6.1.7.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.7/facility/war	Please rename the war file from iphis_v1.6.1.7.war to iphis.war then deploy.
3	Facility Application	PhISSchedulers_v.1.6.1.7.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.7/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_v1.6.1.7.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.7/iwp/scripts	Execute as Script
2	HQ Application	phishq_v1.6.1.7.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.7/iwp/war	Rename the war file from phishq_v1.6.1.7.war to phishq.war then Deploy using Glassfish Administration Console