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

Release Note (Mirth Connect)

For version 2.5

Version	**: 1.0**
Document ID	**: PhIS_CPS/ReleaseNote/MirthConnect/03022025**

© 2011-2025 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	03/02/2025	Mohd Hilmi Mohamad	Zainura Said	First Version

Verified and Acknowledged by:

Name	Role/Designation	Organization	Signature & Date
Zainura Said	Team Leader	Pharmaniaga Logistics Sdn Bhd	
Hoh Choon Seng	Project Manager	Pharmaniaga Logistics Sdn Bhd	

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

Peer Review

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

TABLE OF CONTENT

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 4

4 REFINEMENT LIST – DETAIL CHANGES 5

5 DEPLOYMENT - PROCEDURES 6

5.1 LIST OF ITEMS TO BE DEPLOYED 6
5.2 BACKUP PROCEDURE BEFORE DEPLOY 6
5.2.1 Backup Procedure 6
5.3 DEPLOYMENT/INSTALLATION GUIDELINES 7
5.3.1 Deployment 7

1 Introduction

1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	Mirth Connect 2.5
Client Name	:	Ministry of Health
Release ID	:	RL25/002
Release Date	:	03/02/2025

1.2 Objectives

No.	Objective	Reference
1.	Release PhIS & CPS Mirth Connect	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 Mirth Connect version 2.5.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PINT130519025IPHIS	Klinik Kesihatan Kuah (C) (EXTD)	Order Management	02/02/2025	SystmOne/CCMS - Error patient not found	There is an error in Mirth Patient Not Found. Patient already exist in PhIS with different MRN. Seems MRN is not being overwritten & mirth throw error Patient Not Found. Patient ID: 97121426XXXX MRN from CCMS: 2331530 MRN in PhIS: KKE02005300041690	Patient ID was not correctly defined in Mirth, and this has caused system unable to compare whether patient ID already exists or not in facility.	Deploy latest Mirth file at impacted facilities.	Amend correct condition for patient ID comparison during Mirth synchronization.	03/02/2025

4 Refinement List – Detail Changes

N/A

5 Deployment - Procedures

5.1 List of Items to be Deployed

No.	Items	Components	Path
1	Mirth Connect file (for HIS@KKM)	phishl7.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/AdHoc_Deploy/phishl7_02022025_v2.5/HIS
2	Mirth Connect file (for TPC-OHCIS)	phishl7.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/AdHoc_Deploy/phishl7_02022025_v2.5/TPC

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	Database	phisprod database	PhIS live database

5.3 Deployment/Installation Guidelines

5.3.1 Deployment

Below table is described the deployment steps at facility server:

Step	Items	File Name	Source Path	Action
1	Mirth Connect file (for HIS@KKM)	phishl7.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/AdHoc_Deploy/phishl7_02022025_v2.5/HIS	Copy "phishl7.jar" only into /opt/phisesb/mirthconnect/custom-lib at facilities that use HIS@KKM integration and replace the existing jar file there. Please make sure you get the jar file from the correct folder "HIS". If there is no existing "phishl7_lib" folder, then copy over "phishl7_lib" folder and delete old existing folder. Otherwise, no need to copy/replace "phishl7_lib" folder, just included for completeness in case existing folder is missing/corrupted.
2	Mirth Connect file (for TPC-OHCIS)	phishl7.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/AdHoc_Deploy/phishl7_02022025_v2.5/TPC	Copy "phishl7.jar" only into /opt/phisesb/mirthconnect/custom-lib at facilities that use TPC-OHCIS integration and replace the existing jar file there. Please make sure you get the jar file from the correct folder "TPC". If there is no existing "phishl7_lib" folder, then copy over "phishl7_lib" folder and delete old existing folder. Otherwise, no need to copy/replace "phishl7_lib" folder,

Step	Items	File Name	Source Path	Action
				just included for completeness in case existing folder is missing/corrupted.
3	Mirth Connect Server	N/A	N/A	Restart Mirth on Mirth Connect Server Manager.