



Pharmacy Information System (PhIS)

Release Note (Mirth Connect)

For version 2.6

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Revision History

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1.0	08/04/2025	Mohd Hilmi Mohamad	Zainura Said	First Version

Verified and Acknowledged by:

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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..... 8

5 DEPLOYMENT - PROCEDURES 9

5.1 LIST OF ITEMS TO BE DEPLOYED 9

5.2 BACKUP PROCEDURE BEFORE DEPLOY..... 9

5.2.1 *Backup Procedure* 9

5.3 DEPLOYMENT/INSTALLATION GUIDELINES..... 10

5.3.1 *Deployment* 10



1 Introduction

1.1 Project Information

Project ID	:	PhIS
Project Name	:	Pharmacy Information System
Version No	:	Mirth Connect 2.6
Client Name	:	Ministry of Health
Release ID	:	RL25/004
Release Date	:	08/04/2025

1.2 Objectives

No.	Objective	Reference
1.	Release PhIS 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 2.6.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS130673 125APP	Klinik Kesihatan Tenglu (B) - INT	Integration - TPC-OCHIS	05/02/2025	TPC - Order does not flow from TPC to PhIS – Null Prescriber ID No & ID Type	<p>Puan Azlini from TPC log report about error in Mirth</p> <p>Email: OMP-009 Error at Klinik Kesihatan Tenglu</p> <p>We are currently facing an issue with medication prescribing at Klinik Kesihatan Tenglu. After reviewing the Mirth logs, we have identified that the problem is associated with the OMP-009 error.</p> <p>We would greatly appreciate your assistance in resolving this matter. Please let us know what steps we can take to facilitate troubleshooting.</p> <p>Kindly refer to the attached document for further details.</p>	Prescriber's 'ID No' and 'ID Type' were wrongly configured as mandatory fields during Mirth integration. Due to that, all Mirth messages that were received with null value of prescriber's 'ID No' and 'ID Type' will not be saved into the database and this has caused prescription was unable to flow to PhIS.	Execute patches to update 'ID No' as '-' for record with blank 'ID No' inside Prescriber master.	Remove unnecessary mandatory fields to allow transaction with blank Prescriber's 'ID No' and 'ID Type' to be saved into database.	14/02/2025



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
2.	I- PHIS131380 625APP	Klinik Kesihatan Bandar Baru Bangi (A) - INT	Integratio n - TPC- OCHIS	18/02/2025	TPC-OHCIS - Prescription order does not flow to PHIS - Blank Valid From/To in User Profile	User reported Doctor ordered medication in TPC but the prescription not flow to PHIS. Details as below: Example of IC No: 54082504XXXX Time: 9:00 AM	'Valid From' and 'Valid To' were wrongly configured as mandatory fields during Mirth integration. Due to that, all Mirth message that was received with null value of 'Valid From' and 'Valid To' will not be saved into the database and this has caused prescription was unable to flow to PhIS.	Execute data patches to update 'Valid From' and 'Valid To' values inside Prescriber master.	Remove unnecessary mandatory fields to allow transaction with blank 'Valid From' and 'Valid To' values to be saved into database.	20/02/2025
3.	I- PHIS130717 825APP	Klinik Kesihatan Tawau (B) (EXTD)	Integratio n - TPC- OCHIS	05/02/2025	TPC-OHCIS - Prescriber Category update to wrong value	En Radin reported the prescriber's details on User Profile and Prescriber Master modules have been overwritten by TPC- OHCIS since today. Sample 1: This prescriber is currently inactive on TPC-OHCIS since December 2024. His details are unaffected by bug caused by TPC- OHCIS/PhIS. A. Prescriber Master User ID: 90022011XXXX	'Prescriber Category' was wrongly updated inside Prescriber master when any details inside 'User Profile' at TPC OHCIS application is amended. Suppose 'Prescriber Category' value should be maintained.	N/A	Amend code to maintain 'Prescriber Category' value inside Prescriber master even there is amendment on 'User Profile' at TPC OHCIS application.	20/02/2025



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>Prescriber Name (First Name): DR WAN ABDUL MUHAIMIN</p> <p>Prescriber Name (Last Name): BIN WAN AHAMAD</p> <p>ID No: Blank</p> <p>B. User Profile</p> <p>Login ID: 90022011XXXX</p> <p>First Name: DR WAN ABDUL MUHAIMIN</p> <p>Last Name: BIN WAN AHAMAD</p> <p>Sample 2: This prescriber is currently active on TPC-OHCIS. His details are affected by bug caused by TPC-OHCIS/PHIS. This occurred regardless of ID No blank or filled.</p> <p>A. Prescriber Master</p> <p>User ID: 91012303XXXX</p> <p>Prescriber Name (First Name): RAFIUDDIN HIDAYAT BIN RASHID (previously set as DR RAFIUDDIN HIDAYAT)</p>				



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Prescriber Name (Last Name): BIN RASHID ID No: Blank B. User Profile Login ID: 91012303XXXX First Name: RAFIUDDIN HIDAYAT BIN RASHID (previously set as DR RAFIUDDIN HIDAYAT) Last Name: BIN RASHID				



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_v2.6/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_v2.6/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_v2.6/HIS	<p>Copy "phishl7.jar" only into /opt/phisesb/mirthconnect/custom-lib at facilities that use HIS@KKM integration and replace the existing jar file there.</p> <p>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.</p>
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_v2.6/TPC	<p>Copy "phishl7.jar" only into /opt/phisesb/mirthconnect/custom-lib at facilities that use TPC-OHCIS integration and replace the existing jar file there.</p> <p>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,</p>



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.