



# Pharmacy Information System (PhIS)

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## Release Note (Mirth Connect)

For version 2.7

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### Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	31/07/2025	Mohd Hilmi Mohamad	Zainura Said	First Version

### Verified and Acknowledged by:

Name	Role/Designation	Organization	Signature & Date
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### Peer Review

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



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## 1 Introduction

### 1.1 Project Information

Project ID	:	PhIS
Project Name	:	Pharmacy Information System
Version No	:	Mirth Connect 2.7
Client Name	:	Ministry of Health
Release ID	:	RL25/009
Release Date	:	31/07/2025

### 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 2.7.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS140855 425APP	Klinik Kesihatan Bandar Sungai Petani (A) (EXTD)	Integration - TPC-OCHIS	30/07/2025	Dispensing Location – Order Routing	En Hanif reported prescriptions from CCMS entered to PhIS with wrong location. Confirmed by user supposed it will flow to unit methadone but now it was flow to Counter Pharmacy. According to user facility has go live yesterday morning, 29/7/2025. Confirmed by user, mirth connector test is connected. IC No.: 84120702XXXX	Previously, the system used the 'SPUB Dispense Location' from the Facility Configuration screen as the default dispense location during external integration. With this change, users can now choose to determine the dispense location either through the existing 'SPUB Dispense Location' setup or via the 'Order Routing' configuration.	N/A	Enhance Mirth to provide the option to use the 'Order Routing' setting as an alternative to the 'SPUB Dispense Location' for determining the dispense location during external integration.	31/07/2025



## 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_v2.7/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_v2.7/TPC
3	Mirth configuration file	hl7_phis.properties	/opt/phisesb/mirthconnect/pgpfile

### 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_v2.7/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_v2.7/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 configuration file	hl7_phis.properties	/opt/phisesb/mirthconnect/pgpfile	<p>Add this line to the properties file to enable the use of Order Routing for Dispense Location: <b>remote.useOrderRouting=Y</b></p> <p>Otherwise, add this line to leave it as old behaviour, using ph_facility_details.spub_default_pharmacy as Dispense Location for all orders: <b>remote.useOrderRouting=N</b></p>
4	Mirth Connect Server	N/A	N/A	Restart Mirth on Mirth Connect Server Manager.