HOTFIX

for eRAD RIS
Version 1.0
Build 35
Hotfix 35.002

Table of Contents

1. Purpose

The text in Red indicates changes from Hotfix 35.001, which this fix also includes.

An issue was discovered where after a study is scheduled all outbound messaging from RIS could be potentially be in a faulted state. This is no fault of the user and no workflow changes are required to prevent it.

There are drop-down controls on the RIS client that are pre-populated with Referring Physicians that have been previously associated with the current patient. When saving the study, the internal keys related to these physicians are being persisted in the RIS database with the details surrounding the action undertaken by the user. In the case of an Unknown Referring in this list, the key stored is -1. 0 is also a possible value.

The Wedge service takes these details and tries to resolve this -1(or 0) to an existing physician. It throws an error because that -1(or 0) does not refer to anything. Since the Wedge preserves the order of messages in a first-in-first-out manner, its message queue is now blocked, preventing any other messages from going out.

The result of this error was the halting of all outbound messaging from the RIS.

This hot fix applied to Build 35 for this issue causes the Wedge service to no longer resolve person keys ~~of -1~~ less than 0 or any person keys from the c_previous_referring table. This fix will automatically carry forward in future builds.

A separate issue with the Mirth mapping files was causing the Proposed Study Instance UID sent to the PACS to be truncated. This has been fixed in the OBX.js file included in this directory.

2. Intended Audience

This document is created by the RIS Development team for the RadNet RIS Implementation team.

3. Who is affected

Installations of eRAD RIS 1.1.35.10140 (RIS application Help About → labeled as 1.1.34.10140)

4. Installing

To install this hot fix:
1) Shut down the Wedge service
2) Replace the existing Wedge.exe with the one distributed with this readme file.
3) If Wedge.pdb exists, replace it also
4) Start the Wedge service
5) The Wedge.exe (and pdb) files should also be replaced in the directories containing the other rRIS services (Core, DocumentDistribution, CDS, etc.) in a similar manner.

Copy the OBX.js file to the MirthMappings\Outbound\eRadPACS directory.

If you have any questions regarding this Hotfix, contact Darcy Noye with the PEI RIS Development Team.