eRAD RIS

CUSTOMER & SERVICE RELEASE NOTES

Build v3.2022.2.14

UPDATED FEBRUARY 24, 2022

Table of Contents

Publication History

Revision	Author	Description
February 24, 2022	Kevin Brooks / Hilary Saltmarsh	▪ Commercial release.

SUMMARY

Intended Audience

The intended audience for this CUSTOMER RELEASE NOTES document is the RIS Administration team for all eRAD RIS customers.

This document describes the purpose, configuration, and operation of new features made available with this release, identifies issues resolved in the release, and highlights any unresolved known limitations.

This information should be used by all customers to determine how these changes affect their organization's workflow, and to plan their organization's upgrade strategy for eRAD RIS.

> *There is no separate* SERVICE RELEASE NOTES *edition of this document.*

Who Is Affected

This release of ERAD RIS v3.2022.2.14 includes some Insurance Eligibility and AUC enhancements and a variety of resolved issues.

This version is recommended to be applied on ERAD RIS v3.2022.1.17.x installations.

> *Pleased carefully review these release notes even if your system will not be upgraded immediately, to identify and communicate any issues that may affect your organization.*

NEW SETTINGS

Summary of all settings that were added, updated, or removed.

RIS

Changes to Access Strings

The following settings were added or updated with this release:

Setting	Default	Purpose
MRIProcedureGroupCode	Value="Modality Type Code" as String [from ModalityType lookup table], Default=[MR]	Modality Type Code representing MRI. When matched, the Magnet Type will be displayed. Added in v3.2022.2.14 #30981

Changes to SysConfig Settings

The following settings were added or updated with this release:

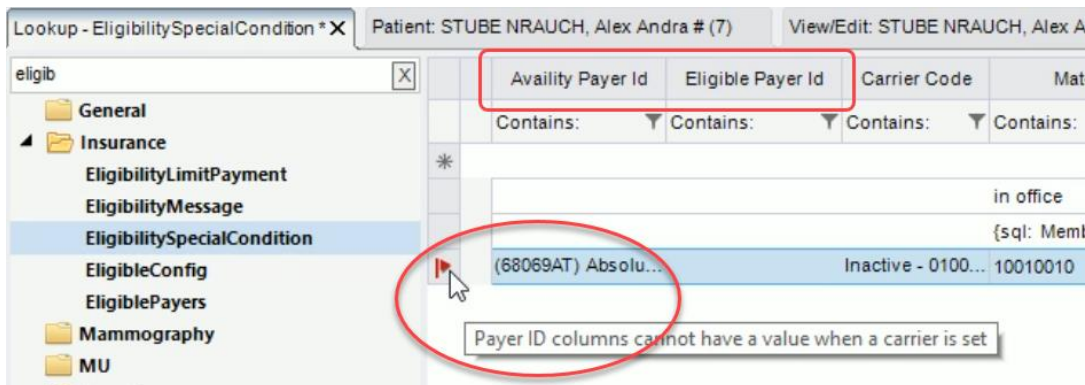| Setting	Default	Purpose
Config.LookupEditor.MRIMagnetType	Value=[None|Full], Default=[None]	Controls access to the "MRIMagnetType" lookup table editor. Added in v3.2022.2.14 #30981

NEW FEATURES

Insurance Eligibility

Feature #31359 – Ability to write SQL warning on Payer ID

Summary

This enhancement to Insurance Eligibility introduces the ability to write SQL Insurance Warnings on the Availity/Eligible Payer ID. Having the option to write on the Payer ID will allow for bulk insurance warnings to be written for Carrier Codes with the same Payer ID.

Previously, RIS could only write SQL warnings at the carrier code level.

With this change, `Availity Payer Id` and `Eligible Payer Id` columns have been added to the `EligibilitySpecialConditions` RIS Lookup Table.

This allows rules to be created that reference these new fields:

- When one of these is specified, the rule will match when the requesting carrier code has that payer_id specified in the l_carrier table and the processing engine matches the payer_id.
- If the carrier code and these the columns are null, the warning/filter applies to all all payers.
- When a payer_id value is provided the rule will only apply to eligibility responses that for carriers with that payer_id.
- Note that entries cannot have both a Payer Id and a Carrier Code; a warning message will be presented if the user attempts to configure both.

Configuration Instructions

No System Administrator actions are necessary to enable this feature; however, optional configuration is available:

RIS Client

Changes to EligibilitySpecialConditions RIS Lookup Table Settings

- Configure desired rules using the new `Availity Payer Id` and `Eligible Payer Id` columns.
- The following rules apply:
  - If a carrier code is specified, these new columns must be empty.
  - If a value is specified for the new columns, the carrier code must be empty.
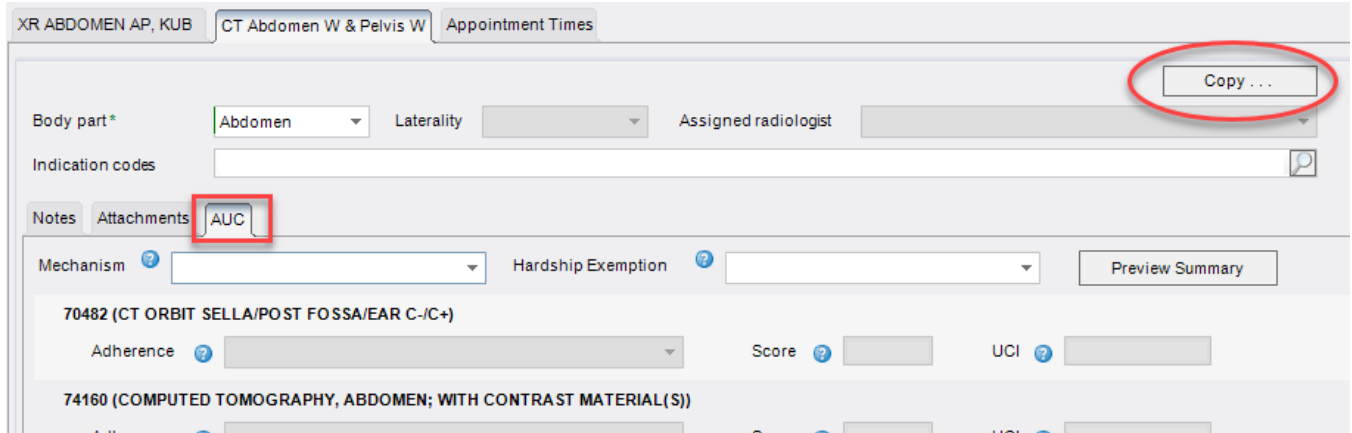 - Specifying an eligibility_payer_id without an availity_payer_id is supported.

AUC

Feature #31176, #26612 – Enhancements to the AUC Copy dialog

Summary

This enhancement to AUC updates the AUC Copy dialog with some usability improvements by displaying order identifiers and expanding its functionality by also allowing users to also copy the Assigned Radiologist values.
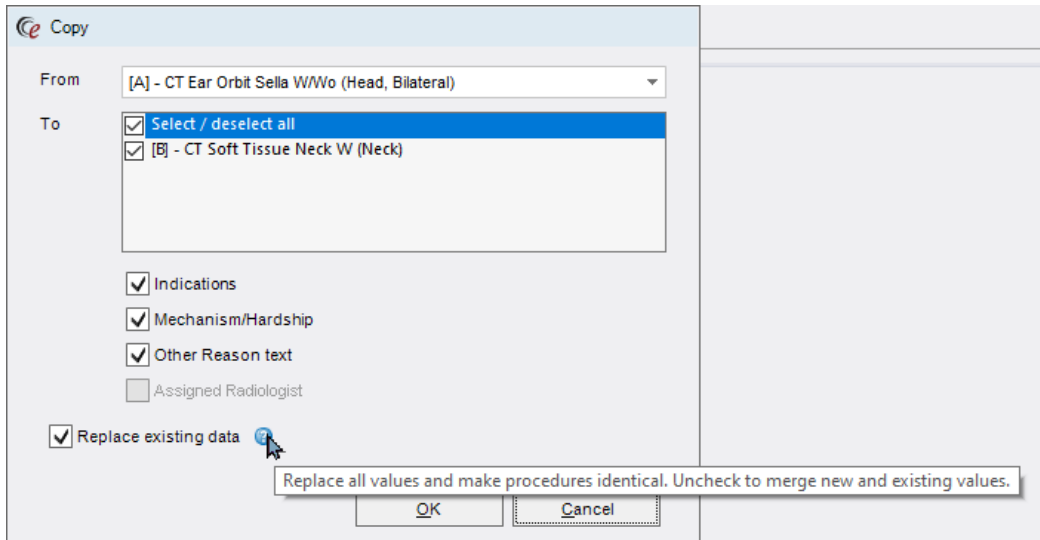
Background

Previously, the v3.2022.1.17 FEATURE #30690 delivered numerous changes to the layout of the Schedule tab for improved accessibility and efficiency of ICD entry, including relocating the button to access the AUC Copy dialog:

THE COPY… FEATURE APPEARS WHEN THERE ARE MULTIPLE STUDIES THAT REQUIRE AUC.

Feature Description

With this change, FEATURE #31176 introduces an option to copy the Assigned Radiologist via the `Copy` dialog.

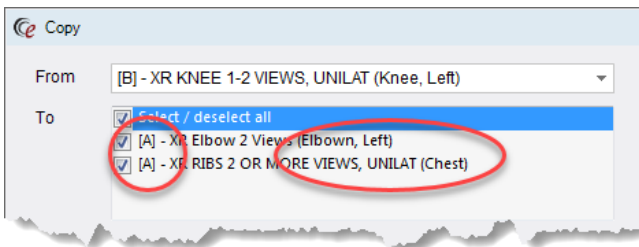NOTE THE ASSIGNED RADIOLOGIST CHECKBOX IS ONLY AVAILABLE WHEN A RADIOLOGIST WAS ASSIGNED.

When the Assigned Radiologist has been populated in the "From" study, selecting this option will update the "To" study with the Radiologist under the following conditions:

Order [A] – "From" Assigned Radiologist	Order [B] – "To" Assigned Radiologist	"Assigned Radiologist" checkbox	"Replace existing data" checkbox	Resulting change to Order [B] Radiologist

		Unchecked		No change
No Radiologist assigned		Not available		No change
Assigned	Assigned	Checked	Unchecked	No change
Assigned	Assigned	Checked	Checked	Overwritten
Assigned	No Radiologist assigned	Checked	Unchecked	Overwritten
Assigned	No Radiologist assigned	Checked	Checked	Overwritten

IN SUMMARY, THE ASSIGNED RADIOLOGIST WILL TYPICALLY BE COPIED UNLESS THE "REPLACE EXISTING DATA" CHECKBOX IS UNCHECKED.

Additionally, FEATURE #26612 updates the dialog to display order identifiers and laterality to differentiate exams for clarity.

Previously, when there were multiple orders, it could be unclear which order the procedure belongs to.

With this change, each "From" and "To" exam listed in the dropdown and listbox of the `Copy to Related Procedures Dialog` will be prefixed with the `Order Identifier` and suffixed with the `Laterality` when appropriate.

Configuration Instructions

No System Administrator actions are necessary to enable this feature.

Provider Portal

Feature #30981 – Support for MRI Magnet Type as appointment search criteria

Summary

This enhancement to Provider Portal adds the ability to specify MRI Magnet Type as a scheduling parameter to the appointment search.

Background

Previously, when an MRI appointment is placed via the portal, the timeslots returned could consist of a mix of different MRI magnet types, and the user would not know if they were scheduling in a 3T, 1.5T, Open, etc.

Where the existing `Magnet strength` field in the Modality table was a free form field, it was not possible to include this value as a search parameter.

Feature Description

With this change, a new `MRIMagnetType` RIS Lookup Table has been created to identify the MRI magnet types.

A corresponding change to the `Modality` RIS Lookup Table introduces a new `MRI Magnet Type Code` field allowing the relevant MRI modalities to be identified by magnet type. This is in addition to the existing `Magnet strength` field.

> ⚠️ *Caution - The existing `Magnet strength` field continues to be available for use in report templates. Ensure any values in this field are synchronized with values in the new `MRI Magnet Type Code` field.*

Note that RIS will identify the MRI modality type to which this applies via a new `MRIProcedureGroupCode` RIS System Config setting. Once configured, scheduling an appointment recognized as an MRI procedure will display the additional parameters on the time slot screen to identify the desired MRI magnet types.

When multiple magnet type time slots are returned for the same time at the same site, the `Priority` field in the `MRIMagnetType` lookup will determine which magnet type to display. For example, if Site A has two MRI rooms, one with 3T and one with 1.5T, and there are 8 AM appointments available in both rooms, the time slot to be displayed will be the one with the highest priority (i.e., the lowest number, 1 being highest priority).

Configuration Instructions

System Administrators must complete the following actions to enable this feature:

RIS Client

Changes to RIS SystemConfig Lookup Table Settings

- Configure `MRIProcedureGroupCode` to identify the Modality Type Code that represents MRI devices in your system.

The following related settings were added or updated:

Setting	Default	Purpose
MRIProcedureGroupCode	Value="Modality Type Code" as String [from ModalityType lookup table], Default=[MR]	Modality Type Code representing MRI. When matched, the Magnet Type will be displayed. Added in v3.2022.2.14 #30981

Changes to RIS AccessString Lookup Table Settings

- Grant new permissions as necessary.

The following related settings were added or updated:

Setting	Default	Purpose
Config.LookupEditor.MRIMagnetType	Value=[None|Full], Default=[None]	Controls access to the "MRIMagnetType" lookup table editor. Added in v3.2022.2.14 #30981

RESOLVED ISSUES AND KNOWN LIMITATIONS

Resolved Issues

This release resolves the following issues:

Redmine #	Subject
30900	Enhance Resolved Person Management performance in the Personnel Editor.
30978	Resolved Billing issue where ImaginePay void requests lacked timestamps.
31007	Resolved Printing issue where forms were not available for printing during checkin.
31023	Resolved Web Services issue where Tech-only exams could not be aborted.
31108	Resolved Worklists issue where selecting pre-cert details displayed misleading pre-cert status information.
31111	Resolved Patient WF: Make Appointment navigation issue.
31112	Resolved Patient WF: Make Appointment issue where continuing from the appointment slot timeout message returns an error.
31185	Resolved PACS Integration issue where an accession number without images would return an error.
31221	Resolved Localization issue where the Order tab was not aligned correctly when using Hebrew.
31296	Resolved Clinical Tasks issue where Clinical Task worklist failed to load attachments.
31323	Resolved Insurance Eligibility issue where eligibility results were displaying non-preferred entries.
31350	Enhanced DB performance by adding a database index on order_key in c_refportal_doctors_order.
31410	Resolved multiple performance issues related to a memory leak.
31423	Resolved Scanning issue where a scanning error was returned when the default document is exam level.
31426	Resolved Scanning issue where saving attachments returned an error when the document type level was modified.
31434	Resolved Insurance Eligibility issue where some values were not displaying in the correct column.

New Known Limitations

No new known limitations were identified with this release.

VERSION DETAILS

Package Contents

The release package includes the following folders:

@Hotfixes	4/20/2012 8:51 AM
_Documentation	2/18/2022 5:26 PM
_ReleaseNotes	2/22/2022 4:34 PM
Client Application	2/18/2022 5:25 PM
DB	2/18/2022 5:25 PM
External WebAPI	2/18/2022 5:25 PM
Identity Service	2/18/2022 5:25 PM
Management Reports	2/18/2022 5:25 PM
PACS Citrix Bridge	2/18/2022 5:26 PM
RIS Service	2/18/2022 5:25 PM
Service Tools	2/18/2022 5:27 PM
Web Digital Forms	2/18/2022 5:25 PM
Web Patient Connect	2/18/2022 5:26 PM
Web Referring Connect	2/18/2022 5:26 PM
Web UM Connect	2/18/2022 5:26 PM
Build_2022.2.14.zip	2/18/2022 5:28 PM
RISServerMasterCert.pfx	3/31/2016 1:38 PM

Code Stream

The following source code branches have been merged into this release:

LEGEND:

Light Green = Previously Released software

Gray = Internal version, non-release version

Bright Green = Current Release

eRAD RIS Release Version Numbers

The following table details the version identifiers for components in this release:

No part of this material may be published, reproduced, stored in a retrieval system,
or transmitted in any form or by any means without the prior written permission of eRAD.

Page 11 of 13

Build	Patch	UI Version	Core Version	WS Version	DB Version	Digital Forms	Patient Portal	UM Portal	Provider Portal	Notes
2021.2.15	-	3.21.2.15.0(3GB)	3.21.2.15	3.21.2.15.0	3.21.2.15.002698266	3.21.2.15.0	3.21.2.15.0.1111	3.21.2.15.0.1111	3.21.2.15.0.1111	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.2.15	1	3.21.2.15.1(3GB)	3.21.2.15.1	3.21.2.15.1		3.21.2.15.1	3.21.2.15.1.1113	3.21.2.15.1.1113	3.21.2.15.1.1113	GUI, Web Services, Patient/Provider/UM portals and Digital Forms
2021.2.15	2	3.21.2.15.2(3GB)	3.21.2.15.2	3.21.2.15.2		3.21.2.15.2	3.21.2.15.2.1122	3.21.2.15.2.1122	3.21.2.15.2.1122	GUI, Web Services, Patient/Provider/UM portals and Digital Forms
2021.2.15	3	3.21.2.15.3(3GB)	3.21.2.15.3							GUI
2021.2.15	4	3.21.2.15.4(3GB)	3.21.2.15.4	3.21.2.15.4	3.21.2.15.402732838	3.21.2.15.4	3.21.2.15.4.1133	3.21.2.15.4.1133	3.21.2.15.4.1133	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.2.15	5	3.21.2.15.5(3GB)	3.21.2.15.5	3.21.2.15.5	3.21.2.15.502738557					GUI, Web Services and DB
2021.2.15	6	3.21.2.15.6(3GB)	3.21.2.15.6	3.21.2.15.6						GUI and Web Services
2021.3.1	-	3.21.3.1(3GB)	3.21.3.1	3.21.3.1	3.21.3.1.002712308	3.21.3.1	3.21.3.1.0.1119	3.21.3.1.0.1119	3.21.3.1.0.1119	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.3.15	-	3.21.3.15(3GB)	3.21.3.15	3.21.3.15	3.21.3.15.002747230	3.21.3.15	3.21.3.15.0.1144	3.21.3.15.0.1144	3.21.3.15.0.1144	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.4.12	-	3.21.4.12(3GB)	3.21.4.12	3.21.4.12	3.21.4.12.002778929	3.21.4.12	3.21.4.12.0.1167	3.21.4.12.0.1167	3.21.4.12.0.1167	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.5.10	-	3.21.5.10(3GB)	3.21.5.10	3.21.5.10	3.21.5.10.002823110	3.21.5.10	3.21.5.10.0.1189	3.21.5.10.0.1189	3.21.5.10.0.1189	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.5.24	-	3.21.5.24(3GB)	3.21.5.24	3.21.5.24	3.21.5.24.002842120	3.21.5.24	3.21.5.24.0.1205	3.21.5.24.0.1205	3.21.5.24.0.1205	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.5.24	1	3.21.5.24.1(3GB)	3.21.5.24.1	3.21.5.24.1	3.21.5.24.102880695	3.21.5.24.1	3.21.5.24.1.1224	3.21.5.24.1.1224	3.21.5.24.1.1224	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.5.24	2	3.21.5.24.2(3GB)	3.21.5.24.2	3.21.5.24.2	3.21.5.24.202923248	3.21.5.24.2	3.21.5.24.0.1244	3.21.5.24.0.1244	3.21.5.24.0.1244	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.5.24	3	3.21.5.24.3(3GB)	3.21.5.24.3	3.21.5.24.3	3.21.5.24.302932869	3.21.5.24.3	3.21.5.24.0.1252	3.21.5.24.0.1252	3.21.5.24.0.1252	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.5.24	4	3.21.5.24.4(3GB)	3.21.5.24.4	3.21.5.24.4	3.21.5.24.402961496	3.21.5.24.4	3.21.5.24.0.1260	3.21.5.24.0.1260	3.21.5.24.0.1260	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.6.7	-	3.21.6.7(3GB)	3.21.6.7	3.21.6.7	3.21.6.7.002898418	3.21.6.7	3.21.6.7.0.1234	3.21.6.7.0.1234	3.21.6.7.0.1234	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.6.7	1	3.21.6.7.1(3GB)	3.21.6.7.1	3.21.6.7.1	3.21.6.7.102961651	3.21.6.7.1	3.21.6.7.1.1262	3.21.6.7.1.1262	3.21.6.7.1.1262	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.7.5	-	3.21.7.5(3GB)	3.21.7.5	3.21.7.5	3.21.07.5.002970391	3.21.7.5	3.21.7.5.0.1266	3.21.7.5.0.1266	3.21.7.5.0.1266	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.9.27	-	3.21.9.27(3GB)	3.21.9.27	3.21.9.27	3.21.9.27.003025038	3.21.9.27	3.21.9.27.0.1280	3.21.9.27.0.1280	3.21.9.27.0.1280	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.10.25	-	3.21.10.25(3GB)	3.21.10.25	3.21.10.25	3.21.10.25.003071251	3.21.10.25	3.21.10.25.0.1317	3.21.10.25.0.1317	3.21.10.25.0.1317	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.10.25	1	3.21.10.25.1(3GB)		3.21.10.25.1		3.21.10.25.1				Portals
2021.11.22	-	3.21.11.22(3GB)	3.21.11.22	3.21.11.22	3.21.11.22.003102803	3.21.11.22	3.21.11.22.0.1346	3.21.11.22.0.1346	3.21.11.22.0.1346	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.12.6	-	3.21.12.6(3GB)	3.21.12.6	3.21.12.6	3.21.12.6.003112661	3.21.12.6	3.21.12.6.0.1352	3.21.12.6.0.1352	3.21.12.6.0.1352	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.12.20	-	3.21.12.20(3GB)	3.21.12.20	3.21.12.20	3.21.12.20.003133170	3.21.12.20	3.21.12.20.0.1360	3.21.12.20.0.1360	3.21.12.20.0.1360	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.12.20	1	3.21.12.20.1(3GB)	3.21.12.20.1	3.21.12.20.1	3.21.12.20.103170667	3.21.12.20.1	3.21.12.20.1.1366	3.21.12.20.1.1366	3.21.12.20.1.1366	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.12.20	2	3.21.12.20.2(3GB)	3.21.12.20.2							GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2022.1.17		3.22.1.17(3GB)	3.22.1.17	3.22.1.17	3.22.1.17.003185028	3.22.1.17	3.22.1.17.0.1382	3.22.1.17.0.1382	3.22.1.17.0.1382	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2022.1.17	1	3.22.1.17.1(3GB)	3.22.1.17.1	3.22.1.17.1		3.22.1.17.1				GUI and Web Services
2022.1.17	2	3.22.1.17.1(3GB)	3.22.1.17.1							GUI only
2022.2.14		3.22.2.14(3GB)	3.22.2.14	3.22.2.14	3.22.2.14.003205179	3.22.2.14	3.22.2.14.0.1394	3.22.2.14.0.1394	3.22.2.14.0.1394	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms