

eRAD RIS

RELEASE ANNOUNCEMENT

Build 4.2024.061

UPDATED MAY 23, 2024

TABLE OF CONTENTS

Summary 2
Release Announcement2
New Features
Resolved Issues2
Feature Details
Ordering
Feature #33505 - Forward Script orders for image recognition and process validation on results3
Version Details
Code Stream

PUBLICATION HISTORY

Revision	Author	Description	
May 23, 2024	Kevin Brooks, Michelle Mahabir / Hilary Saltmarsh	Commercial release.	

SUMMARY

Release Announcement

This release of ERAD RIS 4.2024.061 introduces an Ordering OCR enhancement and merges the content of ERAD RIS 4.2024.060.1 (which resolves an issue clearing worklist filters), ERAD RIS 4.2024.060.2 (which updates the insurance eligibility request but has no customer-facing changes), and ERAD RIS 4.2024.060.3 (which resolves a worklist filtering issue).

Refer to the previously released ERAD RIS CUSTOMER RELEASE NOTES for details of merged changes.

New Features

This release introduces the following features and enhancements:

Category	Redmine #	Subject	Description
Ordering	33505	Forward script orders to image recognition and process validation on results	This enhancement to Ordering introduces functionality to forward incoming "script" attachments to OCR and to perform custom validation operations on the results.

Refer to the FEATURE DETAILS section below for configuration and usage information.

Resolved Issues

This release resolves the following issues:

Category	Redmine #	Subject
Scanning – Image Recognition	34029	Resolved Scanning – Image Recognition issue which presented a NULL reference error for specific document types.

FEATURE DETAILS

Ordering

Feature #33505 - Forward Script orders for image recognition and process validation on results

Summary

This enhancement to Ordering introduces functionality to forward incoming "script" attachments to OCR and to perform custom validation operations on the results.

Background

Imaging centers receive requests to create orders based on incoming requisitions ("scripts") from a doctor's offices or other medical facilities.

Previously, RadNet attempted to intercept these scripts arriving from various locations such as fax sources before they appear on the Inbound Document WL and create the requested order or attach the image to an existing order.

Planned Enhancements

Note that additional functionality is planned for a future release to extend this functionality, including support for modifying or creating elements such as the Patient Address, Patient Phone Number, or Auth PreAuth information.

• FEATURE #34746 - DEFAULT VALUES/VALIDATION WITH SCRIPT SENDER DATA USING THE ALERTFRAMEWORK

Additionally, while ScriptSender is the OCR solution currently utilized for image recognition, in the future, other image recognition solutions may also be integrated into this workflow.

Feature Description

With this change, when Script attachments are received via either the Inbound Document WL, SecurePic, or the Scan/Import Attachments screens, RIS will:

- 1. Submit the attachments of the defined ScanType to ScriptSender for imagine recognition.
- 2. Allow users to right-click on the first page of the Script to review/submit the imagine recognition results.
- 3. Perform validation on the results according to customizable alerts.
- 4. Present a combined alert dialog as required.

Printed: 12-06-2021 10:04 AM Page 1 of 1 Version 0.0.0 [Date 0.0 [Date	STE 202 RVERDIE: CA 92506 (%51) 774-2942 Order: #455886665RPN Patient Name Medical Record Number Birn Date Order Date Order Date Criter Date Exam(s) Requested 76830P'ULTRASOUND PELVIC (FEMALE) ENDOVAGINAL Reason for Valt Infertility counseling	Version 0.0.0.0 Date 10-24-2
Printed: 12-06-2021 10.04 AM Page 1 of 1 Date 10-24-202 Confidence 0.8% STE 202 RV95R0E_CA 92508 RV95R74-2942 Dote 10-24-202 Confidence 0.8% detection_label order detection_confidence 0.6% error Faket to Steatty RV95R0E_CA 92508 RV95R74-2942 Dote 10-24-202 Confidence 0.8% detection_confidence 0.8% error Faket to Steatty RV95R0E_CA 92508 RV95R74-2942 Dote 10-24-202 Confidence 0.8% detection_confidence 0.8% error Faket to Steatty RV95R0E_CA 92508 RV95R74-2942 Dote 10-24-202 Confidence 0.8% detection_confidence 0.8% error Faket to Steatty RV95R0E_CA 92508 RV95R0E_CA 925 RV95R0E_CA 925 RV95R0E_CA 925 RV95R0E_CA 925 RV95R0E_CA 9250 RV95R0E_CA 925 RV95R	STE 202 RIVERSIDE_CA 92306 (%51) 774-2942 Order #45588665RPN Patient Name Medical Record Number Bitth Date Order Date Order Date Exam(s) Requested 76830PPULTRASOUND PELVIC (FEMALE) ENDOVAGINAL Reason for Viait Infettility counseling	Date 10-24-2
RivERsIDE_CA \$2506 detection_black order (951)77-2342 detection_conference 94 Order Overview Order #4588665RPN error. Table to identify or met_setection_conference 94 Patient Name met_setection_black error. Table to identify or met_setection_conference 94 Birth Date Order Date error. Table to identify or met_setection_conference 94 Order Date error. Table to identify or met_setection_conference 94 Order Date error. Table to identify or met_setection_conference 94 Order Date error. Table to identify or met_setection_confidence 94 Order Date error. Table to identify or met_setection_confidence 94 Order Entered By RPN error error Order Entered By RPN error error	RivERSIDE, CA 82506 (951)774-2942 Order Overview Order #4588665RPN Patient Name Medical Record Number Birth Date Order Date Order Date Exam(6) Requested 76830P*ULTRASOUND PELVIC (FEMALE) ENDOVAGINAL Reason for Visit Infertility courseling	
Order Overview Order #4588665RPN error Table 0 dentity Patient Name Immedia decidential patient Name Immedia decidential patient Name Immedia decidential patient Name Medical Record Number Immedia decidential patient Name Immedia decidential patient Name Immedia decidential patient Name Birn Date Order Date Immedia decidential patient Name Immedia decidecidecidecidecidecideci	Patient Name Medical Record Number Series Se	detection_confidence:
Putodis Auritio Medical Record Number inetia_setection_confidement Bisth Date Order Date Order Date Order Date Zexam(s) Requested 76630P**ULTRASOUND PELVIC (FEMALE) ENDOVAGINAL detection_confidence oc_confidence	Medical Record Number Bith Date Order Date Ordering: Details Exam(s) Requested 76830P*ULTRASOUND PELVIC (FEMALE) ENDOVAGINAL Reason for Visit Infentity counseling	error: Failed to identify
Medical Record Number meta_ocr_confidence: 0 Bithin Date	Birth Date Order Date Ordering Details Exam(s) Requested Reason for Vait Infertility counseling	
Order Date defection_label Ordering Details defection_label Exam(s) Requested 76530P*ULTRASOUND PELVIC (FEMALE) ENDOVAGINAL Reason for Viait infertility counseling Order Entered By RPN	Order Date Ordering Details Exam(s) Requested 76830P*ULTRASOUND PELVIC (FEMALE) ENDOVAGINAL Reason for Visit Intertility counseling	
Ordering Details detection_label Exam(s) Requested 76830P*ULTRASOUND PELVIC (FEMALE) ENDOVAGINAL detection_label Reason for Visit Infertility counseling orc_confidence Order Entered By RPN error	Ordering Details Exam(s) Requested Reason for Visit Infertility counseling	
Exam(s) Requested 78830P*ULTRASOUND PELVIC (FEMALE) ENDOVAGINAL detection_label Reason for Visit Infettility counseling detection_confidence Order Entered By RPN error	Exam(s) Requested 76830P*ULTRASOUND PELVIC (FEMALE) ENDOVAGINAL Reason for Vait Infertility counseling	
Examply Requested Reason for Visit Infertility counseling Order Entered By RPN	Examply requested Reason for Visit Infertility counseling	
Reason for Visit Intertility counseling oct_confidence Order Entered By RPN error	monthly containing	
Order Entered By RPN or or or metal detection label		
meta detection label		
meta_detection_label		
mstrance information meta_detection_confid	Insurance Information	
CAI112A52569 - 4326_RC - PrimeCare RVS Anthem Blue Cross Comm meta_detection_common meta_detection_common	CAI112A52569 - 4328_RC - PrimeCare RVS Anthem Blue Cross Comm	

Release Announcement for 4.2024.061

When submitting attachments to ScriptSender for image recognition, RIS may be configured to process all pages of attachments as a batch, or, using a new Send Pages Individually for Image Recognition Flag option, each page will have its own Image Recognition data.

If there is a discrepancy on documents reviewed, an Image Recognition Review dialog will alert the user of the discrepancies via customizable alerts.

Note if the patient's name does not match, the system will not allow indication codes to be imported and no other warnings on mismatched information will be displayed to the user.

	Scan	Import Verbal]			
		Attached	Туре	Pages	Level	Scheduled Di
	No filter: 🔻	Equals:	Contains: T	Equals: 🔻	Contains: 🔻	Equals:
•		10-24-2023	Guarantee of Payment	1	Patient	



IMAGE RECOGNITION REVIEW DIALOG ALERTING THE USER OF DISCREPANCIES FOUND WITHIN THE DOCUMENT.

Configuration Instructions

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

RIS Client

Changes to ConfigFile Settings

• Upload CustomAlerts.zip, the Custom Alerts DLL.



Caution - Ensure the CustomAlerts DLL version is v1.4 rather than v2.3.

• Once uploaded, restart the UI.

Changes to ScanTypeLookup Table

- Set Send Pages Individually for Image Recognition Flag for desired scan type.
 - \circ $\;$ When enabled, each page of the document will go through Image Recognition.
 - \circ Default is \overline{Y} and NULL values are not accepted.

Changes to AlertConfiguration Settings

- Create alert configurations for desired elements.
 - The correct DLL version must be installed to ensure the <u>AlertGenerator</u> dropdown contains the most relevant options in relation to the system configuration.
 - The current generators in use are IR_BetaPatientNameValidator and IR_BetaPatientIndicationCodes

Release Announcement for 4.2024.061

• Formatting of the values within <u>AlertParameters</u> column must follow a specific pattern to be operational

	Alert Configuration Code	Description	Alert Generator	Alert Parameters
	Contains: T	Contains: T	Contains: T	Contains:
*				Click here to add a new row
Þ	IR_IndicationCodes	New Indication codes added	IR_BetaPatientIndicationCodes	<userselection> <userlist>admintest, </userlist></userselection>

CONFIGURATION FOR INDICATION CODES IN THE ALERT CONFIGURATION LOOKUP TABLE

VERSION DETAILS

Code Stream

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

