eRAD

RELEASE ANNOUNCEMENT

Release v4.2025.043

UPDATED AUGUST 27, 2025

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PUBLICATION HISTORY

Revision	Author	Description
August 27, 2025	Kevin Brooks	▪ Commercial Release (for Pilot)
August 29, 2025	Kevin Brooks	▪ Updated to remove #37321, add #37333 ▪ Known Limitations added

SUMMARY

Release Announcement

This *Internal Test Release* of ᴇRAD RIS v4.2025.043 *introduces an optional new intelligent scheduling experience: Guided Workflow for Mammogram Scheduling with Automatic Procedure Code Recommendation.*

This step-based workflow guides users through the process of scheduling Mammography exams. This alternative to the normal tab-based workflow provides Schedulers step-by-step guidance to gather required details until sufficient information is available to automatically recommend a procedure.

Additionally, a simplified rules editor allows administrators to configure both the workflow navigation and procedure code recommendation logic.

> *WARNING: This Guided Workflow functionality has been commercialized for pilot site testing and should not be enabled at other stites without prior consultation.*

Highlights

A simplified scheduling experience

- *A new step-based "Guided Workflow" user experience simplifies the process of scheduling Mammography exams.*

Intelligent workflow navigation

- *The workflow is presented in a logical order that no longer requires users to manually navigate between tabs. Each step, including digital forms, can be configured to appear in the order that makes the most sense, skipping any steps that are not required.*

Automatic procedure code recommendations

- *Once sufficient detail has been gathered, procedure codes are automatically recommended based on available information, along with an explanation of the criteria that was considered. Schedulers may accept or modify recommendations and always make the final decision of which procedures to use.*

Intelligent configuration

- *A new "natural language" rule generation editor allows administrators to configure and update both the workflow navigation and procedure code recommendation logic.*

> *Note that not all scheduling functionality such as scheduling of multiple orders is currently supported via this initial release of guided workflow.*
>
> *These activities will continue to follow the existing scheduling workflow.*
>
> *This functionality, as well as scheduling for other exam types, is planned for future releases.*
>
> *Please review* NEW KNOWN LIMITATIONS *section below for details of this and other Known Limitations.*

Background

The Challenge

The current process for scheduling mammograms is nuanced and error-prone, requiring substantial training for new Schedulers.

The current RIS implementation of scheduling was designed to present a traditional tab-based navigation workflow that can difficult to navigate, and prone to user confusion and data entry mistakes because of the way information is spread across multiple tabs.

Digital forms that could provide helpful guidance are not fully integrated into the decision-making process and often appear too late in the workflow.

Procedure selection currently relies on users to remember and apply multiple types of frequently-changing rules and guidance to determine the appropriate rule in each situation.

Cumbersome	Error-prone	Inefficient	Not intelligent
Too many tabs and options confuse users	Frequent mistakes due to lack of in-line guidance	Requires backtracking and extra training time	Procedure selection and form logic are manual and inconsistent

The Solution

Deliver a **smarter, streamlined** scheduling experience with embedded intelligence, starting with a **pilot for mammography scheduling** at RadNet.

This enhancement introduces a new intelligent workflow experience in the RIS scheduling module, specifically targeting mammography. It includes screen-by-screen guidance and automated procedure code selection based on patient inputs and clinical context. The objective is to radically improve scheduler efficiency and reduce errors through embedded intelligence.

Improved efficiency and accuracy in scheduling workflows.

Reduced training time for new or rotating staff

Minimized errors through real-time digital guidance

Improvements

A simplified scheduling experience

A new "step-based" experience for scheduling Mammography (MA) exams.

While similar to the existing "tab-based" navigation experience used for RIS scheduling, the guided workflow approach only displays a single panel at a time, guiding users to focus on only the most relevant information.

Guidance at each step

A customizable Guidance panel displays plain-language instruction and reference materials for each step of the workflow to simplify training.

Custom digital forms at any step

Customizable digital forms (e.g., MA Worksheet) can be configured to display at any point in the workflow to improve scheduling efficiency.

Unnecessary information can be hidden

Selected details can be hidden when not relevant to the situation to simplify the experience.

Pauseable workflow

Schedulers may save incomplete workflow as an order to be resumed later in Guided Workflow, or to be completed via the current RIS workflow (tabbed interface) when advanced adjustments are required (the pilot release of Guided Workflow does not support all functionality).

Intelligent workflow navigation

Guided Workflow will only be offered for eligible exams. Once initiated, simple Previous and Next controls navigate the Guided Workflow to gather required information in a straightforward, organized manner.

Automatic procedure code recommendations

Once sufficient detail has been gathered, procedure codes are automatically recommended based on available information, along with an explanation of the criteria that was considered.

Visual indication of automatic recommendations

Both Schedulers and Technicians are alerted when procedure codes are automatically recommended by a green Recommended Value icon, which can be clicked for details.

Recommendation conflict review

Any recommendations that conflict with an existing order are explicity confirmed.

Rejectable recommendations

Schedulers may accept or modify recommendations and always make the final decision of which procedures to use.

Schedulers can detail their reasons for rejection of automatic recommendations to improve rules in the future.

Intelligent configuration

A new user-friendly rules editor allows Administrators to enter a plain language description of desired workflow and procedure selections and then utilizes an "AI" LLM to automatically generate the underlying coded rule.

New Features

This release introduces the following features and enhancements:

Category	Redmine #	Subject	Description
GW-MA	36749	GW – Wizard–Style Workflow Navigation	**A simplified scheduling experience** A new step-based "Guided Workflow" (GW) user experience for scheduling Mammography (MA) exams.
GW-MA	37017	Support HTML for GW Instructions panel	**Guidance at each step** Allows rich formatting in the Guidance panel via HTML (bold, bullets, etc.).
GW-MA	37018	Support HTML for GW Recommended Procedure Explanation	Enables rich formatted output for procedure recommendation explanations.
GW-MA	37124	GW – add standard digital forms to guided workflow	**Custom digital forms at any step** Adds support to automatically include standard digital forms (e.g., MA Worksheet) in workflow progression.
GW-MA	37224	add GuidedWorkflow as a filterinig option in conditional tabs	Adds GuidedWorkflow flag to Conditional Tabs for dynamic UI behavior during scheduling.
GW-MA	37023	GW – Workflow Navigation Agent Support for Access Strings Parameter	**Hide unnecessary information** Allows access level overrides to be included in navigation rules to show/hide controls dynamically.
GW-MA	37315	GW – Support Custom.Visibility hiding of all control types	Expands support for Custom.Visibility overrides to apply to any control types within the workflow, including grids.
GW-MA	37012	GW – Save As Order	**Pausable workflow** Enables schedulers to save incomplete workflow as an order rather than completing booking an appointment. Saved orders may be resumed in Guided Workflow, or completed via the current RIS workflow (tabbed interface).
GW-MA	36750	GW – Workflow Navigation Logic API	**Intelligent workflow navigation** User interface controls for navigating the Guided Workflow to gather required information.
GW-MA	36976	GW System Config for Schedulable Mammos	Adds config settings GWMAProcedureGroupCodeAllowed and GWMAStatusAllowed to control which exams are eligible for scheduling via Guided Workflow.
GW-MA	36822	GW – Menu and Toolbar access to Mammogram Scheduling Workflow	Entry point options to start the Guided Workflow for Mammogram Scheduling.

Category	Redmine #	Subject	Description
GW-MA	36977	GW Context Menu Updates to Account for new System Config Settings	Updates to context menu logic to display "Schedule GW-Mammo" option only for exams allowed by config.
GW-MA	36784	GW – Workflow Navigation – Navigation Manager	Logic for navigating the Guided Workflow.
GW-MA	36787	GW – Error Handling and Validation for Guided Workflow	Logic for validating data entry during the Guided Workflow.
GW-MA	37424	GW – Min-Max Wait Time Handling	Adds logic to enforce or recommend min/max wait times between exams when scheduling.
GW-MA	37271	GW – Capture Time Per Step	Logs time spent on each panel for audit and workflow optimization metrics.
GW-MA	36751	GW – Procedure Determination Logic API	**Automatic procedure code recommendations** Logic to automatically recommend a procedure code based on available information.
GW-MA	37101	New column "agent_recommended_flag" for c_order_item / c_study_item to better track procedure recommendations	Adds database column to differentiate agent-recommended vs user-selected procedures.
GW-MA	36982	Rename UsePromptQLEndpoint to GWProcedureAgent	Clarifies purpose of system config.
GW-MA	36802	GW – Automatic Procedure Selection – Autopopulate with Icon	**Visual indication of automatic recommendations** Automatically recommended procedure codes are indicated by a green Recommended Value icon, which can be clicked for details.
GW-MA	37007	Display the green Recommended Value icon to Technologists	Expands visibility of recommendation icon to tech users so they can review/edit during exam workflow.
GW-MA	36865	GW – Automated Procedure Selection – Conflicting Recommendation Handling	**Recommendation conflict review** Any recommendations that conflict with an existing order are explicity confirmed.
GW-MA	36815	GW – Automatic Procedure Selection – Feedback Loop Dialog	Allow users to review and reject automatically recommended procedure codes with an explanation of the issue.
GW-MA	36858	GW – Automatic Procedure Selection – Feedback Loop Logging	Capture metrics and reasons for rejection of automatic recommendaitons.
GW-MA	36980	Feedback loop table should log Explanation	Enhances the feedback logging database to include the scheduler-visible explanation provided by the agent.
GW-MA	37320	GW – Conflict Dialog Should Suppress BID Code	Removes placeholder BID procedure codes from display during recommendation conflict review.
GW-MA	37270	Configurable conflict dialog text	Allows customization of instruction text shown in conflict dialog when procedures disagree.

Category	Redmine #	Subject	Description
GW-MA	36752	GW – Intelligent Rules Editor for Workflow and Procedure Logic	**Intelligent configuration** A new rules editor for configuring both the workflow navigation and procedure code recommendation logic.
GW-MA	37379	GW – Rules Editor add configuration option for o4 mini	Enables use of GPT-4 mini model in rules editor for faster/lower-cost rule generation.
GW-MA	37386	GW – Need workflow rules to reference the associated Carrier or Carrier Type	Adds support for referencing insurance carrier details in workflow logic.
GW-MA	37374	GW – Rules Editor optional Directive to minimize changes	Adds ability to instruct Rules Generation AI to return simpler edits that minimally affect current rule logic.
GW-MA	37118	GW – Rules Editor Support for Site-Specific Procedure Recommendation Rules	Adds support for creating site-specific versions of procedure recommendation rules.
GW-MA	37117	GW – Rules Editor Support for Site-Specific Navigation Rules	Adds support for site-specific workflow navigation logic to accommodate operational differences.

Resolved Issues

This release resolves the following issues:

Category	Redmine #	Subject
Insurance Eligibility	37333	Resolved Insurance Eligibility issue where Prior Balance does not populate until you re-open manage policies for insurance that does not use eligibility. *Note: Impacts all of RIS – not specific to Guided Workflow.*

SORTED BY CATEGORY AND REDMINE

New Known Limitations

The following new Known Limitations were identified with this release:

Redmine #	Subject
37497	Cannot disable image recognition's automatic addition of insurance cards.
37469	Rule editor's 'minimize changes' feature is ignoring the deletions.
37484	Body part/laterality required may not be enforced.
37500	When Guided Workflow is opened without a patient in context, new patient data is not populated in digital forms.

⚠️ **_Known Limitations_**_:_

Note that not all scheduling functionality, such as scheduling multiple orders, is currently supported via this initial release of guided workflow.

These activities will continue to follow the existing scheduling workflow.

This functionality, as well as scheduling for other exam types, is planned for future releases of Guided Workflow.

VERSION DETAILS

Code Stream

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