



Exa[®] PACS | RIS

35.0.0

Customer Release Notes

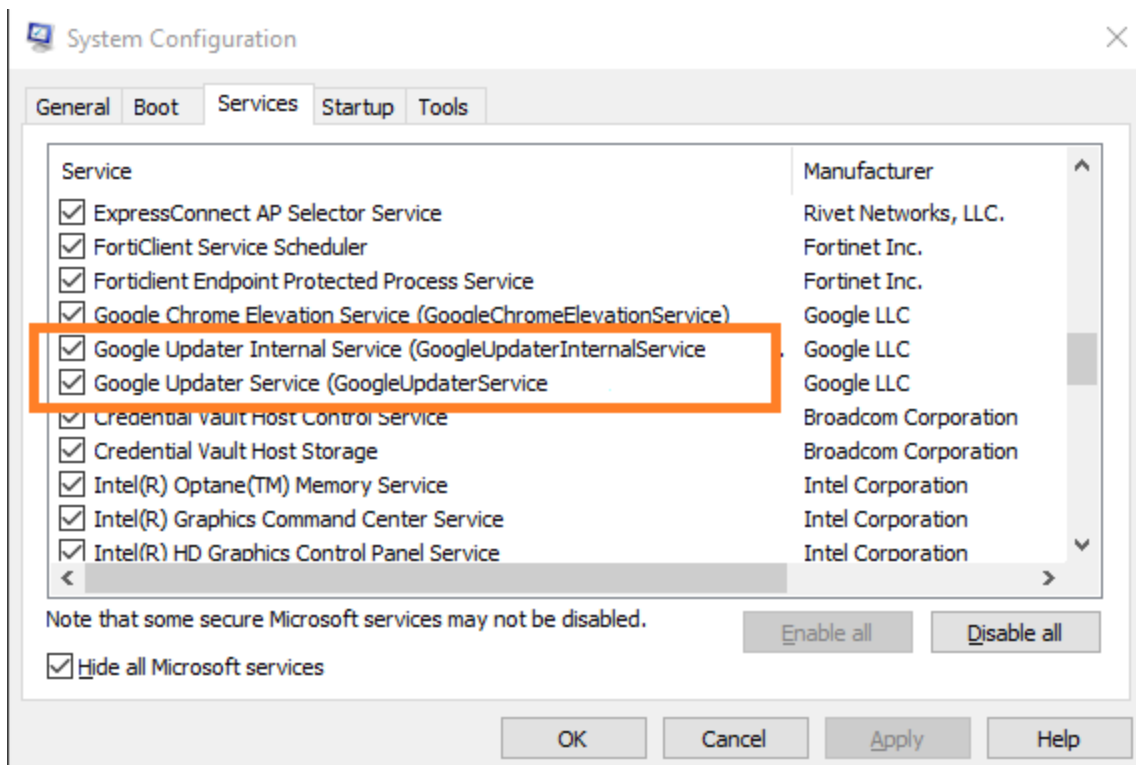
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Browser recommendations

To ensure uninterrupted functioning of your Exa platform product, we strongly recommend the following:

- Manage and deploy updates to Chromium in a test environment prior to full deployment.
- On all clients, turn off automatic updates in Google Chrome by following these steps:
 1. In Windows, press Windows + R.
 2. In the Run dialog, type `msconfig` and press Enter.
 3. In System Configuration, on the Services tab, select the Hide all Microsoft services checkbox.
 4. Clear the following checkboxes as shown in the figure below:
 - Google Updater Internal Service
 - Google Updater Service



5. Select Apply, OK.
6. If prompted, restart your computer.

Specifications in this release

This version of your Exa platform product was validated using the product versions listed below.

Application	Version
Google Chrome (client browser)	Version 147.0.7727.117 (Official Build) (64-bit)
Windows Server	Windows Server 2022 Standard
Windows Client	Windows 10 Pro (19045.5011,19045.4651) Windows 11 Pro (22631.4391,22631.4317)

For system requirements, see the dedicated system requirements document.

Note

This release was tested by an FOK customer, and is only available to that customer.

New Features

Summary

- No new features in this release.

Customer Requested Improvements

Summary

- For increased security and cost savings, added a means to register and securely route DICOM Modality Worklist (DMWL) requests using a new API service.
- You can now make ROI annotations on MR studies in normal and MPR modes, with new measurements including pixel values represented as signal intensity (SI).
- In the viewer, the ROI, HU, and SUV tools are now available in 2D MPR viewports.
- In the viewer, when working with MPR, you can now display true MIP views, and use a slider in MIP, MinIP, and AvgIP views to adjust slab thickness in real time.
- Added API support for retrieval of order information.
- Enabled third-party applications to close the current study in the viewer.
- In Patien Portal, updated the style of the user interface.
- Added a dedicated screen for managing logs related to APIs.
- In the Exa Client viewer, the Chiropractic Vertical Level tool no longer changes to horizontal on subsequent viewings.
- In the Exa Client viewer, when using the plus (+) or minus (-) keys to nudge certain chiropractic and orthospinology annotations, the annotations now consistently appear in their new positions on subsequent viewings.
- In Exa Forwarder, you can now turn ON or OFF a function in which the forwarder calls in to the connected Exa server to respond to user requests.
- On the Exa Forwarders screen, you can restart any connected forwarder.
- You can now manage connected forwarders from a centralized screen. For each forwarder, you can get updated status information, get logs, restart the forwarder, or update the forwarder.
- You can now view a dedicated list of studies that were received from forwarders.
- You can now send faxes by using the SendFaxEx method by Concord Technologies, and manage those fax jobs in a dedicated queue.
- In Web Trans, the user interface now appears in the language selected in the user's profile.
- In Web Trans, when working with addendum templates, text in the UI now appears in the language configured by the user.

Summary

- Redesigned the user interface for newly verifying insurance eligibility, estimating coverage, and viewing the most recently generated results.
- Added the following information to the Exported Completed Studies Report: patient mobile and work numbers, guarantor DOB, NDCs, additional technologists, name of attorney, and place of service.
- On the main list of ordering facilities, you can now view each ordering facility's city, state, zip code, and type.
- On the Schedule Templates screen, you can now multi-select schedule rules to delete or mark as inactive.
- On the schedule book, you can now open a pop-up window from a schedule block that displays information about the block, such as type, date, modality rooms, and resources.
- You can now create a Global HL7 Send type routing rule with filters on authorization status, primary insurance policy, and provider group, and assign the rule to an HL7 trigger.
- You can now search and filter the Schedule Templates screen by schedule template or schedule template description.
- Exa PACS|RIS now supports ADT^A18, ADT^A34, and ADT^40 HL7 merge messages.
- Added an Allow Free Text Schedule Rule user right that enables you to enter any name for a schedule rule.
- Using shortcut menus, you can now reschedule studies in any status except Ordered.
- AD users are now required to use AD to manage their passwords.
- In the Modality Room screen, on the Modality Room sub-tab, you can now filter the list by the modalities associated with each room.
- You can now sort the worklist by studies created or performed in the previous year.
- In the patient chart, all tabs are now always displayed without having to select the arrow.

Other Improvements

Summary

- Unified how annotations are shown or hidden in and out of MPR mode.
- In DICOM settings, you can now add, edit, and delete Exa Forwarder configurations.
- Added an API endpoint for updating patient insurance.
- Added an API endpoint for creating patient insurance profiles.
- In Physician Portal, you no longer provide credentials to break the glass, but you must accept a statement of understanding.
- When Auto Open Prior Count is configured, if you open a prior in the viewer, the program now automatically downloads the prior from AHI if applicable.
- Added API support for Schedule Notes lookup.
- Added API support for Place of Service lookup.
- On the About screen, you can now find the customer support phone number and a link to online support.
- Added API support for appointment type lookup.

Summary

- Added API support for appointment type lookup.
- You can now Copy Series and Copy Instance after performing Merge/Split on AHI studies.
- Added API support for modifiers lookup.
- In IRS, the study timeout is now based on the user's last interaction with a study on the server.
- Added new default file store types to accommodate differences between AHI and non-AHI studies.
- Users can no longer be deleted, but they can be removed from active use (disabled).
- Added API support for procedure code (CPT) lookup.
- OpalForwarder was renamed to Exa Forwarder, and now has improved features and design.
- Added API support for patient facilities lookup.
- Added API support for order insurances lookup.
- Added API support for other settings lookup.
- Added API support for issuer or alternate ID lookup.
- Added API support for relationship lookup.
- Added API support for patient lookup.
- Added API support for insurance provider lookup.
- Added API support for issuers lookup.
- Added API support for diagnosis code lookup.
- Added API support for modality room lookup.
- Added API support for modality lookup.
- Added API support for retrieval of company settings.
- In user settings, when configuring Default Filter (Local Cache), you can now multi-select up to 3 worklists.
- To prevent overloading of system resources, when configuring Local Cache, the default filter can no longer be set to All Studies.
- Redesigned Viewer Settings screen with a navigation pane, dynamic text search, and other improvements.
- Added API support for facility lookup.
- EAV now provides hover toolbars that provide quick access to context-specific tools in the active viewport.
- When the dark theme is selected in Exa PACS|RIS, Web Trans now also appears in the dark theme.
- A Crop/Slab slider is now available in EAV to adjust cropping in MPR viewports and slab thickness in the 3D viewport.
- In EAV, you can now open fused MPR series.
- User rights are now available that provide access to the Advanced Options for receiver rules, and to manage the DMs of all users.
- The DICOM Upload function now supports studies in AHI file stores.

Summary

- With Exa Advanced Visualization, you can now create curved MPR views.
- EAV now provides segmentation tools to highlight regions of interest in the 3D viewport.
- In EAV, you can now save the current series as a DICOM secondary capture to the original study.
- In Viewer Settings, you can now dynamically search for individual settings by typing keywords in a search field.
- In the viewer, progress bars and messages now appear to indicate the progress and status of local caching of series.
- ui
- In most list pages in the Setup area of the program (for example, the main list on the Facilities page), when you add, edit, or delete items from the list, any active search, sort, or filtering criteria now remain active.
- In the Technologist screen, the Provider Information icon is now always available, even when a provider alert or other information is not present.
- In study flag settings, removed the Available in Portal option.
- In EAV, you can now add a Save Annotation tool to the toolbar, and use it to save secondary captures of annotated studies. Viewer settings are also available to customize behavior of this feature.
- Added API support for order creation (simple).
- In various setup screens throughout the program, the Show Inactive checkbox was replaced with an Active column that lets you sort and filter list items.
- The Viewer Settings screen was redesigned for an improved user experience.
- In the HL7 setup screen, non-super users no longer see unavailable tabs or the Access Denied message.
- In the Find Slots screen, you can now select a button to clear all filters and restore their defaults.
- In the Schedule Rules list, you can now view the rule type of each rule, and sort and filter the list by rule type.
- In user setup, the Emergency Access field was removed.
- In the Edit Study screen, on the Summary tab, the Studies section now displays the ICD codes of each study in the current order.
- Added API support for patient lookup.
- In the screen for adding or editing a user, removed the Dragon 360 checkbox.
- EXA API Support for Patient Creation
- Added API support for provider contact information lookup.
- Removed obsolete tabs, columns, and reports related to Meaningful Use from various parts of the program.
- On the Edit Study screen, the Summary tab no longer displays deleted studies.
- Various improvements to performance and the UI.

Bug Fixes

Summary

- On the worklist, fixed a problem in which approved reports sometimes could not load due to excessive CPU usage.
- In the viewer, in the shortcut menu of a series, all options now consistently work correctly and without errors.
- In the viewer, when drawing freehand ROI annotations on a CT-NAC fusion series in MPR mode, PROPCPS/CNTS labels and units now appear (not SUV units).
- In the viewer, when drawing an ROI annotation on a CT or PT series in MPR mode, measurements no longer appear in the 3D plane.
- In the viewer, combinations of drawing annotations in and out of MPR mode no longer cause the Save option to fail to appear.
- In the viewer, restored the ability to generate simple coronal and sagittal MPR images.
- After performing simple Sagittal MPR on a CT series and adding a 2D ROI Ellipse annotation in the Exa PACS Viewer and again in the Radiant viewer, the measured values are now the same on both viewers.
- In the viewer, when drawing a 2D ellipse on a CT-PET fusion study in MPR mode, SUV measurements now consistently appear.
- In the viewer, in MPR mode, after enabling fusion, restored the ability to adjust the slab thickness slider in the Axial view.
- In the viewer, after performing MPR on a PET-CT fusion series, if you exit MPR mode and perform fusion, you can now enter MPR mode again.
- When performing MPR on a PET/CT fusion series, the PET overlay is now applied correctly on all reconstructed planes.
- After synchronizing AD users and groups, when editing an AD user, Unlock Account is now consistently disabled.
- Restored the ability to DICOM-send studies that include uploaded PDFs.
- When sending an approved study as a fax through the Concord service, key images are now consistently included in the approved reports.
- When linking a provider to an active directory user, the user type now consistently remains as Active Directory.
- In the viewer, in MPR mode, saving an MPR series or instance no longer moves it from the viewer to the QC tab.
- In the viewer, in MPR mode, saving an MPR series or instance no longer causes any ROI values to change to NA.
- When a routing rule contains criteria Facility IS and Accession Number IS NOT, changing a study's status no longer results in a warning even though the study status updates.
- In the viewer, after exiting MPR mode, the image DPI and resolution now consistently remain the same.
- In the viewer, restored the ability to perform MPR on a PET/CT fusion study.
- In the viewer, when performing fusion on PET-CT studies, fusion is no longer only partially applied.
- In Physician Portal, after selecting to Break the Glass and adding an access reason, the Audit Trail report now consistently includes that access reason.

Summary

- In Web Trans, when selecting to skip to the next patient, the patient information now consistently updates to the next patient.
- Studies with images having blocked SOP classes are no longer included in DICOM-send jobs.
- In Web Trans, loading a template no longer clears existing text.
- In the viewer, after turning GSPS annotations on and off by using the Toggle DICOM Object Overlay tool, scrolling to a new image no longer causes the tool to stop working.
- When DICOM-sending on an AE whose Send Annotation As setting is blank or set to DICOM Overlay (default), or Burned in, arrow annotations are no longer interpreted as lines, and ROI annotations display correctly with their measurements.
- When Disable All Facility Search on Find Slots is enabled by KM staff, if the ZIP code field on the Patient Information tab of the patient chart is blank, in the Find Slots screen, resetting the filter no longer results in all facilities being selected by default.
- In Web Trans, selecting Approve & Next now consistently loads the next study.
- When patients are merged through ADT A18 HL7 messages, the system no longer triggers an outbound message or sender log entry.
- In the viewer, when using two monitors, the local cache status indicator now consistently appears on both monitors.
- In the viewer, when PT or MR series are open, the Slab thickness, MIP, MinIP, and AvgIP options in 2D planes now consistently appear on mouse hover menus whether in or out of MPR mode.
- In the viewer, when annotated series are open in MPR mode, zooming and scrolling no longer cause the annotations to disappear.
- Fixed a problem in which outbound faxes could not be sent by using the Concord fax application.
- In the setup pages for modality room notes, appointment types, and resources, search criteria are retained after leaving and returning, and date formats no longer change.
- When sending ADT^40, ADT^18, and ADT^34 messages, the alternate MRN now matches with the available patient, and merges succeed.
- In EAV, restored the ability to save annotations as secondary captures.
- In Exa Billing, on the All Claims tab, the Date of Injury column is no longer blank.
- In the viewer, in MPR mode, the Save Annotations tool is now consistently available regardless of its availability in non-MPR mode.
- Restored the ability generate an encrypted URL that can open a study.
- In the viewer, when a fusion study is open in MPR mode, restored the ability to save the MIP series or instance.
- When an HL7 ADT A34 merge message fails, the HL7 receiver log entry now contains error details along with the status.
- In the viewer, the local cache status indicator in the viewport and the corresponding thumbnail are no longer different.
- In the viewer, when a key image is locally cached, the cache status indicator on its thumbnail no longer appears.
- In the viewer, the local cache indicator now appears for all users regardless of role.

Summary

- In the viewer, when adding ROI annotations to the Axial view of CT-PT fusion series in MPR mode, measurements no longer appear as NA.
- In the viewer, after performing MPR on a series, any previously annotated ROI measurement values no longer appear as N/A.
- Restored the ability to send faxes of approved reports by using the Concord application.
- Fixed a problem in which it was possible to sign in to Attorney Portal without valid credentials.
- In the viewer, in MPR mode, after annotating the Coronal view, zooming no longer causes annotations to change position.
- In the DICOM Print preview, when printing the current page, annotations now consistently print when enabled.
- After importing cardio studies with OpallImport, the approved report now completely opens on the first attempt.
- From the worklist shortcut menu, if you add a study to the merge queue that was automatically cleared from the Retrieve folder of an AHI-BETA filestore due to disk space limits, the study is now automatically downloaded from AWS, the user is notified, and the Merge Study screen displays thumbnails.
- In the API, restored functionality of the Previous and Next URLs for company settings.
- From the worklist shortcut menu, if you select to burn a study that was automatically cleared from the Retrieve folder of an AHI-BETA filestore due to disk space limits, the study is now automatically downloaded from AWS and burned to media.
- In the DICOM Print preview, when printing the current page, overlay text now consistently prints when enabled.
- Restored the ability to update the city, state, ZIP, and ZIP+4 code of a patient chart.
- In the viewer, after a study times out, restored the ability to open new studies without error.
- In the viewer, after closing a study, background services related to image rendering no longer continue to run unnecessarily.
- When the Always Show Validation Window option is selected, rescheduling an exam from the worklist now updates the status immediately to Rescheduled without requiring a refresh.
- When opening studies from NewVue, an extra instance of the viewer no longer opens, and main window no longer closes when selecting Change in the extra instance.
- Among search results in the patient chart search screen, after inactivating and then reactivating a patient, the Inactive status indicator is now shown or hidden correctly.
- While certain PET/ROI viewer settings are configured, after drawing an ROI Ellipse annotation, the slices are now listed in the ROI measurements.
- Related to AHI workflow, when a file is uploaded to S3, a duplicate is no longer uploaded as well, and subsequent deletions and cron executions function correctly.
- In Viewer Settings, when selecting to move tools in the context menu, restored functionality of the Move to Parent option.
- When an MG study is open in a DM, combinations of panning and displaying in 1UP mode no longer cause the image size to change erroneously.
- When adding a Stat level to a study, it now consistently moves to the top of the worklist without requiring a refresh.

Summary

- In viewer settings, restored the ability to add a new overlay by typing one in the Field Name box.
- In the viewer, when the thumbnail bar is displayed at the top or bottom, all priors are now included on the bar.
- Fixed a problem in which the viewer would open without displaying images.
- In Viewer Settings, restored functionality of the Play Linked Series with Cine setting.
- In Viewer Settings, under Auto-split Rules, the Isolate MPEG and Isolate Multiframe options were removed.
- In EAV, fixed a problem in which repeatedly changing annotation tools resulted in the wrong tool being active.
- MPR now renders volumes in patient-axis-aligned orientation (rather than gantry-tilt orientation) regardless of how the data was originally acquired.
- Restored the ability to scan images to a study.
- Restored the ability to configure a keyboard shortcut to open an external tool.
- In the viewer, zooming images no longer changes their position.
- In EAV, after deleting segmentation inside ROI from the 3D view, you can now use a shortcut key to select another segmentation tool.
- After importing studies to an AHLI filestore, they can now consistently be opened in the viewer from the worklist.
- In EAV, 3D plane dropdown menus no longer appear in the Prior Report window.
- Restored the ability to reschedule an exam from the worklist shortcut menu.
- On the Schedule Templates screen, when editing appointment types in a schedule rule, selecting and then clearing the Select All checkbox and saving now consistently clears all appointment types from the rule.
- In the viewer, deleting a series or the last image in a series no longer prevents the viewer from reloading.
- On the audit log, the dropdown menu to filter by user now consistently contains all active users.
- Fixed a problem in which approved reports sent through Opal sometimes did not include carriage returns depending on the text type.
- Closing the Patient Documents or Transcription window no longer also closes the viewer.
- In EAV, fixed a problem in which the Invert and Delete Series tools stopped working.
- In Physician Portal, when selecting to Break the Glass and then selecting Other as the reason, the Accept button now becomes available without having to clear and then reselect the I understand this action... checkbox.
- In the viewer, an annotation on a key image no longer appears in multiple locations on the same image in the subsequent approved report.
- When changing the flag of multiple studies at once, all applicable routing rules now consistently trigger.
- Lifecycle management (LCM) no longer fails to purge patient documents that were part of certain older studies.
- In the viewer, rotating and then resetting an SC image no longer causes the image to shift and become partially obscured.
- After deleting all images from a study, the viewer buttons on the corresponding worklist study row no longer appear.
- On the schedule book, when opening the Edit Study screen and then closing it without making changes, the corresponding audit log entry no longer indicates that a referring physician was modified or deleted.

Summary

- In the manual authorization dialog, when deleting an authorization, the description in the audit log now contains the correct insurance authorization ID.
- After editing an appointment date or time, the corresponding audit log entry now consistently shows the correct study status, dates, and times.
- While viewing an MPR of a CT MR study and playing back cine in the first viewport, when you scroll in a different viewport and the cine stops, the Play button now consistently appears.
- When adding a study to an existing order, the corresponding audit log entry now includes the screen name (such as Schedule Book or Edit Study).
- When creating or deleting a market, the description in the audit log entry now includes the market name.
- After saving a report template and then moving to the Report Signature tab, the Save button now consistently appears.
- In the Studies by Modality Room report, the facility count and grand total now consistently match those of the worklist.
- In EAV, when using keyboard shortcuts to make text annotations, the Save Annotations button now consistently appears.
- In EAV, after using shortcut keys to annotate angles, followed by using the shortcut key for Delete annotations - series, all the annotations in the series are now deleted, and the Save Annotations button no longer appears twice.
- After creating an order with multiple studies on different dates and adding schedule notes, the notes now appear on all studies (and not only on the last study).
- With Open API, issuer pattern help is now displayed in the issuer endpoint.
- Fixed a problem in which image sets appeared to be available in AHL even though they were deleted from the database.
- In Viewer Settings, restored the ability to change the hierarchy of context menu options.
- On the schedule book, when hovering over a quick block, the date that appears in the tooltip is now in the correct format (MM/DD/YYYY).
- After copying a Patient Portal study link and attempting to open it in a browser, the browser is now redirected to the Patient Portal sign-in screen, unless a previous session is still active.
- In Exa Forwarder, fixed a problem in which port exhaustion caused errors and failure to send studies.
- In the Open API log, the Details section of a record now consistently appears.
- After creating a market, the description in the audit log entry now includes the market name.
- When viewing a worklist filter that shows studies from Last Month while Today is in January, changing a characteristic of a study in the filter (such as Stat level or priority) no longer causes the study to disappear from the filter.
- In the viewer, restored the ability to rotate and then reset an SC image without error.
- On the worklist, after restoring a deleted study, the order status now consistently reverts to the original status rather than remaining as Cancelled.
- In the viewer, while Auto Save Image Properties is enabled, window/level is now retained in an image after closing and reopening, and ROI measurements are now consistent across Exa platform versions.

Summary

- In the Export Completed Studies report, the Technologist field now consistently contains the name of the technologist, if available.
- When creating one user without, and another user with a session timeout value, the session interval pop-up window now consistently appears.
- In the viewer, when a US study has a length measurement annotation, various combinations of zooming and scrolling no longer cause the measured value to appear in the wrong position.
- In Viewer Settings, after modifying options in the Tools section, the worklist context menu no longer fails to open.
- In Web Trans, selecting Approve & Next now consistently opens the next study, and errors no longer occur.
- In the viewer, when SC images in an MG study appear in a 2 x 2 layout, certain operations (such as Zoom, Pan, Window/Level, Magnify) are now correctly applied only to the the SC series and not to the MG series.
- The user right that allows entry of free text schedule rule reasons is not longer enabled by default.
- In the viewer, when opening study in a 2 x 2 layout in a DM that is based on a 1 x 1 SC image, the SC series no longer appears shifted.
- In the viewer, users are now prevented from performing MPR on a PDF report.
- In the Completed Studies report, the POS column now appears after the OF column.
- In the viewer, when playing back cine on a CT study and then selecting to move to the first or last frame, selecting Next or Previous frame no longer causes errors.
- In the viewer, when opening multi-series CT studies, only thumbnails of open series (not all series) are highlighted.
- In the viewer, when changing the zoom factor to a value other an 100%, the message "Please reset the browser zoom to 100% and reload" now consistently appears.
- In EAV, restored the ability to open MR studies.
- All users with the HL7 Sender Log right can now consistently view the log.
- After editing a fee schedule, the procedure codes of that schedule are no longer duplicated in other fee schedules.
- While editing an order, restored the ability to select the Referring Physician information button multiple times.
- In EAV, restored the ability to double-click to open a series in 1UP mode.
- In the viewer, for CT studies, restored the ability to apply the Window/Level tool to MPR MIP views.
- After deleting a study from a multi-study order while its Summary tab is open in another browser, errors no longer occur when moving to the Charge/Payment tab of the deleted study in that other browser.
- In the viewer, when working with CT fusion studies, various combinations of scrolling, changing layouts, and disabling and re-enabling MPR no longer cause MPR to fail to render.
- In the viewer, fixed a problem in which the thumbnails of BTO series were erroneously zoomed or cut off.
- In activated study flags are no longer available in user worklist filters.
- Exa Forwarder now consistently monitors folders.
- In the Edit Study screen, in the dialog for searching for a referring provider, restored the ability to sort the list of results by Code.

Summary

- On the schedule book, the Schedule Block Info pop-up window now consistently shows the correct autoblocking status.
- When using Fluency to dictate a study, errors no longer appear in the Exa Trans logs.
- On the schedule book, users with only quick block rights are now able to see the information button on all blocks.
- In the audit log, the correct service type code (from Company > General settings) now consistently appears.
- In the viewer, after creating and then deleting an annotation, a subsequent annotation can now be created with one click (rather than two).
- In the viewer, after performing MPR on a CT/PET fusion study, scrolling series by using the mouse wheel no longer causes the toolbar to flicker.
- When editing a study form and searching for a merge field, the search criterion is now cleared after leaving and then returning to the editing screen.
- After leaving and then returning to the Fee Schedule page, any previously entered search criteria are now consistently cleared.
- On the worklist, clicking the referring physician button in a certain way no longer causes both the referring physician pop-up window and the Edit Study screen to open simultaneously.
- In EAV, while the Curved MPR tool is enabled, selecting another tool no longer disables the Curved MPR tool.
- When creating a routing rule using a Referring Provider IS/IS NOT criterion, that criterion now consistently appears in the rule's summary.
- In EAV, cross reference lines are now consistently displayed in 2D planes when applicable.
- In EAV, fixed a problem in which certain studies could not be opened.
- On the worklist, restored functionality of the Download Series as MP4 shortcut menu command.
- In Setup, fixed various problems that prevented editing of modalities, or caused the display of the modality list to be incorrect.
- In the Schedule Templates screen, when the browser Zoom level is 100%, you can now select the Reload button or the clear (x) button inside the template selection box to clear the currently selected template.
- In Exa Burner, if the internet connection is lost while burning studies to a CD, the progress bar no longer reaches 100% before the burn is complete.
- In User Management > Assigned Studies, restored the ability to sort the Reading Provider sub-tab.
- On the User Management screen, restored functionality of the Reload button.
- On the Schedule Templates screen, after marking a schedule rule based on a quick block as inactive, you can now reactivate it by clearing a checkbox.
- While creating a study form, closing and then reopening the form no longer causes duplicate merge fields to appear.
- In a patient chart, when creating a new study and selecting an insurance profile, the insurance provider type now appears.
- In Viewer Settings, the state of options such as Show Prior Index and Show Priors Toolbar is now consistently retained upon saving.

Summary

- When one Exa Chat user is deleted while a chat is open, the other chat user is no longer signed out, and errors no longer occur.
- After inactivating a Mobile Rad vehicle registration, it now remains inactivated on future edits.
- After adding a study to a rescheduled order, the Study Date value now consistently appears on the Edit Study screen.
- In the viewer, when opening a study with MG and US priors, if you open the US study first and then drag an MG prior to a viewport, the Skin Line button no longer fails to appear even when Skin Line is applied.
- After merging two patients using the Patient Merge (ADT_A40) trigger, the ADT_A40 outbound message is now consistently sent and the event is logged.
- In the viewer, fixed a problem in which performing MPR on certain CT studies caused errors.
- In EAV, tools configured as defaults now consistently appear on the main toolbar.
- While scheduling a study, if you change the modality room and add the study to the order without selecting a date/time, open the CPT card of the study for editing, and then open the Modality dropdown list, the correct modality now appears.
- While viewing a US study, using shortcut menus to rotate the current image right, right again, and then left no longer causes the image to stretch vertically.
- Restored the ability to move from the Form Builder to the worklist and back again without requiring a refresh.
- In Patient Portal, in the right pane of the Past Appointments tab, the viewer icon is now consistently visible if present.
- On the worklist, after adding an insurance profile to a preorder, setting that profile as the default in the patient chart no longer causes errors.
- Restored the ability to filter the worklist by the Check-In Date column.
- In Patient Kiosk, if a patient adds primary and secondary insurance during one appointment, the kiosk no longer erroneously prompts the patient to update their insurance profile on subsequent appointments.
- In EAV, after disabling the segmentation tool from all menus, the tool now remains disabled on subsequent EAV sessions.
- In EAV, the Remove Segmentation button is no longer hidden behind the left toolbar.
- In the viewer, when viewing an MG study in a DM whose View (Zoom) option is set to One to One, images no longer fail to display.
- In the viewer, when zooming in or out on MG images in 1UP mode, paired breasts are no longer out of alignment after leaving 1UP mode.
- In EAV, fixed a problem in which selecting the Save Series button caused errors.
- On the worklist, on the Pre Orders tab, the Created Date column no longer appears twice.
- In the viewer, after applying W/L to an MG study, selecting the SkinLine tool no longer causes the W/L to reset.
- When creating a new patient chart, restored the ability to add a patient guarantor.
- In Patient Portal, the View button label now appears in the language of the browser.
- When an HL7 message is triggered on study flag change, the corresponding audit log entry now includes the correct accession number (instead of 0).

Summary

- Whether viewing the Activity log from the Edit Study screen or the Setup > Log area, restored the ability to filter the User column by the System (EXA) user.
- In Exa Billing, restored the ability to create a batch claim without error.
- When two different appointment types are scheduled on the same day for a patient, but in different modality rooms, on the patient chart, the study forms are now included for both appointments.
- Fixed a problem in which certain studies failed to appear on the Unfinished Studies Report.
- In Patient Portal, restored the ability to open images.
- In the viewer, when opening an MG study in a DM in which View (Zoom) is set to Actual Size, Skin Line is no longer applied automatically.
- In Office settings, restored the ability to scroll the Modality Room screen beyond the first page.
- After creating an order without a referring physician in the Find Slots screen, restored the ability to subsequently add a referring physician.
- On the Schedule Templates screen, after selecting all schedule rules, applying filters to the list no longer clears the selection.
- Fixed a problem in which the schedule note API's GET response did not display some URLs and records.
- On the QC tab, you can now add an apostrophe to a patient's name without it being converted to double-quotes.
- When creating a custom form, while typing in the merge field search box, pressing Enter no longer submits the form instead of executing the search.
- Exa Trans now consistently auto-saves addendum text.
- While viewing the page for adding or editing user groups, refreshing the browser no longer causes the page to become empty.
- After editing a fee schedule, refreshing the page no longer causes errors and the page is no longer blank.
- While editing a user study filter, the program no longer automatically saves blank filters, and prevents users from doing so.
- On the Study Forms page, selecting or clearing all study forms no longer changes the state of the checkboxes in the Patient Portal column.
- On the QC tab, editing a completed study no longer causes the value in the Modality column to disappear.
- Fixed a problem in which global HL7 triggers for order creation and updating failed, and caused errors claiming missing patient account numbers.
- When editing an order in Scheduled status such that none of its studies are in Scheduled status and at least one study is in Rejected status, the order now consistently changes to Rejected status.
- Fixed a problem in which changing an exam's study date would cause it to disappear from the worklist.
- When images with GSPS annotations are open in the viewer, selecting the Toggle DICOM Overlay tool now consistently enables and disables the annotations.
- While importing a fee schedule, closing the dialog and selecting Cancel no longer causes errors.
- Fixed a problem in which certain CT and fused studies could not be opened in EAV.

Summary

- In the viewer, while the 3D cursor tool is active, selecting a spine tool now cancels the 3D cursor rather than activating both tools at once.
- In Patient Portal, when a study form is open, after refreshing the browser, the loading icon no longer remains on the screen after the load is complete.
- In Dispatching Dashboard, after creating an order, the referring physician (if entered) now consistently appears in the Referring Physician column.
- In Patient Portal, the full server URL now appears by default.
- When opening a study in EAV, the 3D toolbar and all cross reference lines now consistently appear.
- In Patient Portal, resolved errors when opening images.
- In the Edit Study screen, when opening an order from the Exam Information tab, the place of service is now shown when available.
- In the viewer, selecting Show DICOM Overlays (all images) now displays overlays in all applicable open series, not just the first series.
- In Patient Portal, on the Account tab, the State dropdown list for the patient's address now consistently includes all available options.
- The Peer Review log now consistently appears with a complete list of entries.
- In the viewer, fixed a problem in which Skinline was not applied to all images in certain MG studies.
- In Patient Kiosk, when checking in as a new patient, errors no longer occur when selecting an insurance provider.
- In Viewer Settings, restored the ability of users linked to a referring resource to select settings under Autosave Options.
- In the viewer, for CT/PT fusion studies, changing palettes on the Palettes shortcut submenu now consistently changes the colors applied to the image.
- Restored the ability to modify order information (such as status and schedule) by sending HL7 messages.
- After manually authorizing insurance, any applicable HL7 order update triggers (not only ADT patient update triggers) now activate.
- When global HL7 triggers, routing rules, and outbound triggers are properly configured, creating or updating an order now consistently triggers sending under sender log with all order information.
- In the viewer, fixed a problem in which the thumbnails of certain BTO series were smaller than other thumbnails.
- On the worklist, after changing the status of a study, the displayed status now updates automatically without requiring a refresh.
- On the Schedule Templates screen, in the toolbar of each schedule rule, restored functionality of the Copy button, and the schedule rule summary details window now displays the correct information.
- Fixed errors occurring when technologists opened studies in the Edit Study screen.
- In the viewer, certain MG studies are no longer erroneously labeled as undefined.
- Restored the ability to add or edit AE scripts without errors.
- In the Find Slots screen, fixed a problem in which selecting an insurance provider sometimes caused errors.

Summary

- In the viewer, when Auto Show SR Overlay and all SR CAD options are enabled, the CAD toolbar button now consistently appears.
- When Auto-Play Cine, Auto Show Cine, and the cardio viewer are disabled, after performing MPR on a CT study, the Cine toolbar no longer appears (including in the MIP view).
- When EAV is not available, entering and then exiting MPR mode no longer causes the EAV button to appear in the toolbar.
- In Billing, on the Studies screen, selecting a checkbox in the Eligibility column no longer causes errors.
- In the Edit Study screen and the manual authorization dialog, the Imagine Simplicity button no longer appears when editing the secondary or tertiary insurance profile.
- In Opal viewer, when you drag a thumbnail into the viewport that was set as a key image the Exa PACS viewer, that image now consistently opens instead of the first image in the series.
- Opening a document that was scanned from a patient chart no longer causes an error.
- In the viewer, when opening a US multiframe study, all images now appear in the same zoom factor.
- In the viewer, after rotating a BTO image, zooming in and out no longer causes the image to jump to different zoom factors.
- After creating a user worklist filter, the Summary tab no longer displays an ordering facility condition if none was configured.
- On the worklist, when double-clicking an AHI study to open the AHI download dialog, the download timer and percentage indicator no longer fluctuate erroneously.
- If a provider resource is created through an HL7 ORM message, the provider's phone number is now consistently included in the record.
- In the viewer, when the thumbnail bar is configured to appear at the bottom of the screen, performing MPR no longer causes the thumbnail bar to disappear.
- When editing a user-defined MRN information, if the Fixed Length checkbox is cleared, the Prefix/Suffix Max. Length box is now made unavailable.
- After importing an uncompressed multiframe study, each image is split into files by frame, and the prefetch service log is now updated correctly.
- On the schedule book, at the bottom of the list of patient search results, a gear icon no longer obscures the pagination buttons.
- Autoblocks are now created even if only the start of an appointment falls inside of the relevant schedule rule (and not the end). If an appointment falling completely within an autoblock schedule rule is later extended after the schedule rule, the duration of the autoblock now increases accordingly.
- In the viewer, after rotating an image, resetting the image no longer causes it to become smaller and distorted.
- In Billing, when editing a claim, fixed a problem in which certain users were unable to use the search function in the Diagnostic Code field.
- In the viewer, when a fused series is open in MPR mode, opening another study no longer clears the fusion options from the in-frame menu.
- When a repeating schedule rule prevents scheduling on a range of days, the Find Slots screen now consistently follows the rule and disallows scheduling on those days.

Summary

- Closing the Patient Portal now also closes any open approved reports.
- In the Technologist screen, when the browser resolution is 80 percent or lower, adding a charge with a long description now adds a horizontal scroll bar to prevent the charge line Save button from becoming inaccessible.
- In Patient Portal, when the browser is configured to appear in Spanish, the Print button and other elements now appear in Spanish.
- When Spanish is selected as the language in the browser, after uploading a document in Patient Portal, the Remove button label now appears in Spanish.
- When the viewer is open, if the workstation is disconnected from the internet and the user session times out, the viewer no longer remains open.
- When US studies are initially opened in a 3 x 2 layout, they now appear at the correct zoom factor.
- In the patient chart list screen, birthdays of patients in Day/Month/Year format now appear correctly in the Recent Patient Searches column.
- In EAV, after using the Set Center Point tool, saving, and reopening the study, restored the ability to use the tool again to change the center point.
- In the viewer, images of the same series instance UID are no longer split into separate series.
- In the viewer, after selecting MPR, the EAV button is now immediately made unavailable to prevent conflicts.
- In Dispatching Dashboard, closing the Scheduled Override dialog no longer closes the Dispatch window.
- When studies of different modalities (such as CT and PT) are initially opened in viewers on separate monitors, dragging a series from one monitor to the other no longer causes the left mouse button to switch its default tool setting to that of the other modality.
- In the viewer, the thumbnails of pdf reports for priors now appear correctly in the thumbnail bar.
- When creating a new order and using the magnifying glass search button to add a referring physician to the order, provider alerts now consistently appear.
- When the shortcut menu of a study in the reschedule bucket is open, cancelling the study from the worklist now closes the shortcut menu.
- After opening the Setup > General > Fax queue page, errors no longer appear in the web log.
- In multi-study orders, if one study is cancelled and all other studies are deleted, when editing the cancelled study, the Add Study button is no longer available.
- In the patient chart, restored the ability to edit the smoke history of non-smoking patients.
- When a technologist attempts to add a charge to a scheduled study, the program now warns the technologist if no CPT code was selected for the charge, and errors no longer occur.
- In the Charges and Payments screen, when selecting View Results (of eligibility and estimation), the event is now consistently added to the activity log.
- In Physician Portal, the fax number now consistently appears in the order details dialog.
- Users are now prevented from creating an LCM rule with a filestore that is already in use.
- When creating a provider group, if the Send Fax checkbox is selected, users are now prevented from saving without entering a fax number.

Summary

- When KM staff incorrectly configures Cron for Life Cycle Management, the service fails as expected without restarting continuously.
- Under certain combinations of the Ask on Close, Assured All Viewed, and Auto Open Next Study options, the ask on close dialog now consistently appears.
- When creating an AHI migration rule, the program no longer accepts alphabetic characters for the Batch Size setting.
- In the viewer, after selecting EAI, the MPR button is now immediately made unavailable.
- On the QC tab, restored the ability to filter jobs by Referring Physician.
- The program: 1) no longer allows deleting a filestore that has an LCM tiering rule associated with it, 2) notifies the user if they attempt to save LCM rules without a study age value, and 3) notifies the user if they attempt to create an LCM purge rule without selecting a rule type.
- While editing an LCM rule, selecting the browser's back button no longer prompts the user save changes, and now opens the LCM rule list.
- Restarting relevant services now consistently processes pending jobs in the transfer queue.
- In Local Service Settings, when moving the cache disk usage slider, the displayed percentage now updates accordingly.
- In the viewer, changing the active DM now consistently resets the zoom and pan to either the default or that of the new DM.
- In the Created - Approved TAT column of the TAT Calculated report, the value no longer includes post-approval addenda.
- When creating an order, on the charges and payments screen, adding an NDC code no longer results in an error.
- Approved studies now consistently appear as send jobs in the report queue to radiologist providers configured to receive them.
- In EAV, ROI annotations applied near the top of anatomy no longer show N/A for SUV values.
- If a study includes a file that was scanned to the study or order, the thumbnail of the scanned file in the viewer now appears in the correct dimensions and alignment in the thumbnail bar.
- In the patient chart search list, when an inactive patient appears in both the main list and the recent search results, restored the ability to activate the patient by using the settings menu in the main list.
- When creating a study form, the modality is no longer a required field.
- In the Hanging Protocol tab, restored the ability to sort DMs by name.
- When configuring an HL7 outbound profile, the line separator is now indicated as a required field.
- When adding an NDC to a charge, the program now prevents you from entering only spaces and hyphens, or special characters and numerals.
- In Scheduling & Codes, in the Schedule Templates dropdown list, system templates no longer appear with a Null description.
- On the schedule book, when the active schedule filter includes a facility associated with both an inclusion and an exclusion schedule rule, selecting to view the previous day no longer results in an error.
- When saving a DM to a DM Group, the DM is now consistently placed in, and not outside, the DM group.

Summary

- In EAV, combinations of entering and exiting 1UP mode and applying annotations now produces the expected result.
- In Patient Portal, when configuring an authorized representative, the secondary email address is no longer available.
- On the worklist, after opening the referring physician pop-up window and then selecting Refresh All, the pop-up window no longer fails to open.
- The program now prevents users from creating local cache AE titles of the same name.
- When creating a Patient Portal account, the button to copy the email address of the authorized representative is now consistently available.
- When editing the email address of a patient portal account, validation results for the new email address now appear prior to prompting the user to proceed.
- Within a frame, switching the displayed MPR plane (such as from Axial to Coronal) no longer resets the zoom and pan.
- In Patient Portal, when entering the patient's SSN, users can now only enter 9 numerical characters.
- In the viewer, if the current study has a localizer but has non-parallel anatomy, the MPR button is no longer available.
- In OpalForwarder, refreshing the browser no longer changes the current selection in the Compression dropdown list.
- After an AHI migration is complete, the migration status now appears as 100%, DONE.
- When importing studies, Opal Import no longer re-compresses studies that are compressed as JPEG Lossless.
- In Opal Import, selecting Stop during an import no longer causes unresponsiveness.
- In Local Service Settings, restored functionality of the Enable MP4 option.
- In the KM staff-only Image Rendering Servers configuration page, the enabled_mp4 option is now selected by default.
- In Viewer Settings, Advanced Visualization no longer appears for users without the corresponding rights.
- In the viewer, after manipulating an image (such as adjusting the W/L) and then opening a new image, all images appear in the correct monitor layout as configured in Viewer Settings.
- In the DICOM Print dialog, restored the ability to print only the current page.
- In the activity log of the patient chart, study details now appear in the correct HL7 color code, where applicable.
- In the viewer, rotating MG images no longer changes the location of measure/angle annotations.
- After sorting the worklist by patient, duplicate studies no longer appear at the bottom of the list.
- If an SC multi-frame study has a key image, the corresponding approved report now contains the correct key image rather than the first image in the series.
- When creating a report template, restored the ability to change the page size to A4.
- In Exa Trans, Fixed a problem in which selecting Approve & Next applied report contents to the wrong studies.
- Skinline detection is no longer disabled when changing from Quad view to 1UP mode, and Quad zoom is no longer applied.
- In the viewer, when in MPR mode, the context tool now causes all planes to scroll to the correct anatomy.
- After performing MPR on a CT-PT fusion series, restored the ability to save as a new series.

Summary

- When opening a study in a DM with the Linear option selected, the word LINEAR now appears in the appropriate locations in the overlay.
- After performing MPR on a CT series fused with NA, you can now leave MPR mode, change the fusion overlay series, and re-apply MPR.
- In the viewer, when changing the overlay of an MG study from LMLO to BTO LMLO, and then back to LMLO again, SkinLine remains applied when configured to do so.
- When opening a study by using a demo session URL, after one failure to sign-in with invalid credentials, you can now sign in with valid credentials.
- When opening a fusion study in the viewer, selecting to reorder the series no longer causes the fusion to appear outside of the anatomy.
- In the All Studies tab, certain combinations of scrolling, opening priors, and switching between the priors and the All Studies tab no longer causes missing studies and erroneous studies totals.
- Restored the ability to scroll a saved MPR series based on a CT-PT fusion study.
- Fixed a problem in which MPR could not be performed on certain fusion and non-fusion studies.
- When a CT study is open in a series layout and cine is playing, restored the ability to perform simple MPR without error.
- When a local cache job times out three times, the program now displays a warning after the first two times, and an error after the third.
- Restored the ability to perform MPR again on a saved MPR series.
- In the viewer, when performing MPR on a CT or MR study, combinations of layout changes no longer causes images to be partially obstructed.
- In the viewer, when a Scout, Localize, Reformatted, or 3D image is open, the MPR button in the bottom-left tool bar is now unavailable.
- In MPR generated CT/MR studies, various actions and settings in the cine player now produce the expected results (buttons are updated properly, images are displayed properly, and oblique cutlines appear correctly).
- Restored the ability to perform MPR on PET series.
- In the viewer, MIP WL values are now consistently the same whether in basic or detailed MPR mode.
- In the viewer, when CT or MR studies are open in MPR mode, normal mode annotations no longer appear.
- In MPR generated CT/MR studies, rotating images no longer causes distortion or obscured anatomy.
- In the viewer, after performing MPR on one frame of an MR study, the cine player now only plays in the current plane instead of all planes.
- When Auto Invert SC is enabled and a series has an SC localizer, applying MPR no longer results in the 3D plane being inverted.
- While viewing an axial series in MPR mode and then changing the angle, scrolling no longer causes cutlines to appear in the incorrect positions (not only vertically and horizontally).
- When Auto-Play Cine Loops and Auto Show Cine are disabled, and a US study is open in a 2 x 2 layout, cine no longer plays in any cells.

Summary

- In the viewer, when scrolling through MPR planes of tilted images, cutlines now consistently appear in the correct positions.
- In Viewer Settings, restored functionality of the Show Cutlines for First/Last Images option (the first and last images in the viewer appear in the correct position, and cutlines appear on the correct anatomy).
- In the viewer, after performing MPR on a CT study, combinations of moving the oblique line, scrolling, and double-clicking no longer cause the image to jump to subsequent images or erroneously change from Axial to Sagittal view.
- In the viewer, after applying CLAHE, performing simple MPR no longer clears the CLAHE changes.
- In the viewer, after performing MPR on a study, changing the slice width to the maximum value no longer causes the slice width indicating line to disappear.
- In the viewer, fixed a problem in which some MPR images were all black.
- Applying MPR on tilted images no longer generates deformed images.
- In the viewer, in MPR mode, double-clicking to switch to 1UP mode no longer causes annotations to disappear.