Release Notes: VivoQuant 5.0

Release Date: 01-Mar-2024

This VivoQuant 5.0 release introduces many enhancements to existing features as well as new modules to support analysis and workflows. This release also addresses a series of bugs and issues from previous releases.

For more information, please contact **info@invicro.com**, Invicro Support at **support@invicro.com**, or Invicro Sales at **sales@invicro.com**. We look forward to your continued feedback and we thank everyone who has contributed through requests and reports.

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Enhancements

The following user stories are part of the VivoQuant 5.0 release:

VQ-667	Add StudyDescription to Top view of VivoQuant
VQ-1616	Unbundle splitting tool from ciquant licensing
VQ-2492	VQS: Add function to delete tags from the DICOM header
VQ-2914	Update CMakeFile and build process to use semantic versioning
VQ-2998	Integrate new icon set
VQ-3165	User should be prompted to create a service report from the last VQ session if it did not end 'neatly'
VQ-3166	VQ should capture the crashdump from the last session if applicable in the Service Reporter
VQ-3174	Service reporter should be able to be run in a separate process
VQ-3144	[IMPLEMENTATION] Modeling Operator
VQ-3107	Native activity unit option for ROIs
VQ-2876	Customize VQ cache location
VQ-3145	[IMPLEMENTATION] Splitting tool UI improvements
VQ-3173	Service reporter should have video recording capability
VQ-3268	Improve vivoquant.exe's command line parsing
VQ-3143	[IMPLEMENTATION] Polished Image Outputs
VQ-3167	Fetch the latest blacklist from VQLM
VQ-3204	Remove option to enable logging
VQ-3160	Service reporter shouldn't suggest to users that we'll contact them directly
VQ-3161	Service reporter shouldn't ask users to upload reports manually
VQ-3159	Create Docker build artifact from existing Ubuntu build

Bug Fixes

The following bugs have been addressed:

VQ-3184	VQ should log failures to delete tags to status bar and logfile
VQ-3080	Link to online manual not pointing to semver manual
VQ-3234	Exit due a failed license check cause an abrupt VQ close
VQ-3304	QtWebEngine Libraries not getting installed properly
VQ-3247	Crash when loading Worklist task
VQ-2370	The Windows installer does not update with the VQ version (it's always 4.0.0)
VQ-3015	Dynamic data not saved with correct modality in filename
VQ-2995	VQ needs to be restarted after providing invalid password for Worklist task, dismissing system error, and attempting to re-open task
VQ-3014	Dynamic_PT=X does not have the expected behavior
VQ-3362	Opacity does not reset after changing figure color
VQ-3311	Cannot save images as .tiff on MacOS or Ubuntu
VQ-3392	'No encode delegate' error message received when saving .tif images on macOS
VQ-3461	Video recording in Service Reporter is not working on Mac
VQ-3471	Handle custom error handling with command line args in Windows

Known Issues

VQ-3001	DICOM data for workflow tasks isn't appearing in VQ according to expected task routing
VQ-3262	Splitting Operator - Rotation button appears to do nothing
VQ-3368	Cannot change Plane property more than once
VQ-3502	Blocked Tasks show the submit button on pre-SemVer iPACS
VQ-3522	Dropdowns and menus are away from their corresponding buttons and fields
VQ-3523	Operators Tabs duplicate after resizing VQ App
VQ-3536	DICOM data is not loading in VQ after opening eCRF form
VQ-3539	Figure Color does not change inmediately after selecting a new color
VQ-3541	Error when Openning Splitted Files
VQ-3542	Initial Review task is getting submitted on clicking X icon
VQ-3564	Submit button is not present on eCRF form for YAML based form
VQ-3573	For The ImageQC Blocked task eCRF form is opened and Submit button doesn't hidden
VQ-3574	After IPACS job was run, there was no email sent
VQ-3462	Improve viewing of voxel widget tooltip — with accessible color contrast/VQ-3462