



Stereo Investigator®

Release Notes

Version 2024.1.1 (June 2024)

NEW FEATURES AND ENHANCEMENTS

- Automatic camera rotation correction
- Automatic lens calibration
- Slide Scanning repair
- Slide scanning: Stitching – improved alignment of adjacent images
- NL – Vessel tracing
- Edit Parcentric Parfocal calibration of one objective
- Slide Scanning added new filters, background subtraction, flatfield correction
- Create a new lens from the scaling of an image
- Set rotation angle in 3D view
- Biolucida integration
 - New image browser
 - Improved connection interface
- MBF Vesalius Spinning disk confocal structured illumination device
- Improvements to Photometrics/BSI camera support
- Add support for Aura Light source
- Prevent user from proceeding without entering scaling information
- Image adjustments now reflected in projection images
- Saving images and splitting into different channels
- Support for 12 bit ome tiffs

ISSUES RESOLVED

- Optical Fractionator: Fixed issue with loading images from outside source
- Fixed issues with embedding scalebars on large images
- Slide Scanning fixed failure event with certain file extensions
- Fixed issue with Ludl Mac6000 stage controllers
- Fix issue with square contours
- Fixed issue with loading image at original Z position
- Fixed issue with color swatches in multi-channel setup dialog updating properly
- Vibration during sswf could cause loss of registration between tracing and slide
- Fixed issue with image organizer displaying Y and Z information
- Fixed issue with smart optimize
- Fixed issue with older mbf tiff files

Version 2023.2.3 (October 2023)

ISSUES RESOLVED

- Fixed issue with commands from new Ludl Mac6000 stage controllers and typically mismatch errors
- Fixed an issue with incorrectly displaying modules
- Fixed startup crash issue
- Fixed issue with Hamamatsu revive timing
- Fixed issue with Image Adjustment

Version 2023.2.1 (June 2023)

NEW FEATURES AND ENHANCEMENTS

- Added support for embedding a scalebar in images

ISSUES RESOLVED

- Fixed an issue with stitching in slide scanning
- Fixed issues with licensing (modules and offline)
- Fixed issue with Celestas

Version 2023.1.2 (April 2023)

NEW FEATURES AND ENHANCEMENTS

- Added support for Leica K5 and K3C cameras'
- Decimal points can now be entered during setup in the Slide Scanning workflow
- Smart optimization feature is off by default

ISSUES RESOLVED

Numerous bug fixes throughout the software. These include:

- 2D Slide Scanning licensing no longer requires the Image Stack Module
- Resolved an issue that could cause the program to lose registration if the stage is moved in certain steps of some workflows: including the "Define focus map" step of the Slide scanning workflow
- Removed Lightsheet option from Hamamatsu camera settings
- Issue with associating lenses to objectives when connected to a Leica X,Y stage is fixed
- Fixed a problem that could cause a crash when trying to configure a Leica microscope when it is already connected to the scope via a Leica X,Y stage
- Fixed the issue that can cause a crash if displaying status for Microscope when you are connected to a Zeiss Axioplan
- Fixed multiple problems with the enabling and disabling the Preview options after slide scan acquires

- Resolved a crash when opening a modal window of the exposure dialog bar in the background correction step of the Slide Scanning Workflow
- Ortho View now displays the arrow object correctly when using the depth filter
- Fixed the issue causing the SRS acquisitions to fail
- Image scaling changes are applied correctly when opening images
- Resolved thumbnail generation issue

Version 2022.3.1 (December 2022)

NEW FEATURES AND ENHANCEMENTS

- New *Batch Pipeline* enables easy-to-use batch processing for image filtering of neuronal structures
- New *Pipelines* ribbon now houses features previously located in the *Automatic* section of the *Trace* Ribbon
- Improved & expanded image support
- New automatic, smart image-optimization preference for low-signal images available
- The subvolume tool is now restricted by the bounds of the image
- Image montage can now assemble images of varying x/y sizes

ISSUES RESOLVED

Numerous bug fixes throughout the software. These include:

- Fixed options for saving the current plane
- Fix a problem where software would hang when acquiring any image with Microfire cameras
- Fix for crash when acquiring images with Apotome
- Fixed a crash that happens when you try to bring up a modal version of the exposure dialog bar from a background correction step in the Slide Scanning workflow
- Fixed a problem with Slide Scan when doing a post-compile with preview and stitching options selected. The final compiled image would end up in the directory with the tile stacks instead of the specified directory
- Fixed a crash that could occur on rare occasions during slide scanning workflows
- Fixed a problem that can cause a crash in image organizer when an image is open, the More Info page has not been displayed and the stage gets moved