

NEW FEATURES

User interface

- updates to the completely redesigned user interface from 2018
- improved access to functionalities, improving efficiency and easier training

3D visualization

- improved and redesigned including interactive 3D editing functionalities
- contours now have surface rendering in 3D

Colocalization analysis

- through an entire section and through sections of image stacks

Advanced movie production capabilities

- intuitive controls to produce dynamic videos while navigating images and reconstructions in 3D
- timeline, clipping, and editing tools making it easier than ever to create a smooth video
- smooth transitions using interactive zooming, panning and rotation
- export Movies in .mp4 format

Exporting tracing graphics

- new Export preview to improve creating the graphics you want
- added support for SVG (Scalable Vector Graphics) files
- improved options to support resizing for printed and web publication
- added the option to export the tracing with or without thickness

Slide scanning

- new workflow that streamlines and consolidates all the functionality for scanning slides
- new sample scan option to test settings prior to full scan
- the focus maps triangulation is 500 times faster
- new option for random placements of pre-focus locations
- use a heat map to easily spot erroneous pre-focus sites

Ortho View:

- contains a new toolbar
- added the ability to immediately navigate to specific focus plane via right-click

Neurolucida Explorer:

- completely redesigned user interface
- new Mac edition available
- batch analysis for unattended analyses of multiple files

Added automated detection of cell bodies and nuclei

Added the ability to save the XYZ image scaling parameters to image files that didn't include them

New quick access for Neurolucida Explorer to instantly analyze reconstruction

Improved support for use with Biolucida servers

Help: Context-sensitive help available for computers without internet access

New preferences with integrated search

New version update notification added

NEW HARDWARE AND FILE SUPPORT

Excelitas XYLIS multiwavelength fluorescent light source

Hamamatsu ORCA-Spark camera

Photometrics Iris 9 camera

Leica DMI8 microscope

Caliber ID image files

HDF5 image files

Updated support for all microscope files