



Neurolucida® Explorer software

Release Notes

Version 2026.1.1 (June 2026)

NEW FEATURES AND ENHANCEMENTS

- Vessel interaction and analyses were added, including: *Navigate loops*, *Polar Histogram*, and *Marker to Vessel*
- Maximum and minimum diameter were added to the *Segment* report in *Branched Structure Analysis*
- The *Individual Network Analysis* report for vessels now includes the average diameter of each network
- A *Colocalization Morphology* option was added for *Punctum Analyses*
- New *Contact Analysis* was added to *Spatial* options to identify any contact between objects
- *Tree Intervals Analysis* can now be run when just one tree is present
- Improved the time to report minimum & maximum cross-sectional area in the *Punctum* details report
- Renamed the Excel tab name for *Batch* export results enabling Spine details to be displayed
- Selection by point and segment is now available for points and individual segment analyses
- *Object ID* numbers are now reported for spines and puncta in analysis reports
- Improved visualization with transparency control for *Contact* in the *Explore* ribbon
- Updated display and legends are now available in *Explore* ribbon visualizations
- Tree and Vessel *Surface Area* visualizations were added to the *Explore* ribbon

ISSUES RESOLVED

- *Marker Coordinate* export results are now complete
- Resolved issue that occurred when batch analyzing sets using *Convex Hull* analysis when some sets do not include trees
- *Varicosity* details report now respects branch ordering selection
- Re-running analyses will now respect any changes made to the digits of precision, units, and closed surface selection
- Fixed issue for *3D Contour Summary* and *Contours in Closed Contours* analyses when open delineations are present