

# softWoRx<sup>®</sup> Suite and softWoRx<sup>®</sup> Explorer

## softWoRx Suite 2.0

softWoRx Suite 2.0 is an advanced visualization and analysis software package that combines image viewing, processing and analysis tools with data management in an easy-to-use format. It now includes support for 64-bit multi-threaded constrained iterative deconvolution.

### Visualization

Integrated image viewer and browser with real-time image preview, channel select, Z and time control, on-screen channel, z and time annotations, scaling tool with histogram, channel color tool, 4D measurement and animation tools, data inspection, ROI, image "send to", export and print functions as well as FTP and secure FTP support.

### Analysis

Deconvolution with image correction featuring the industry acclaimed constrained iterative 3D image restoration and image correction. This quantitatively validated deconvolution solution generates the most accurate measure of sample fluorescence available.

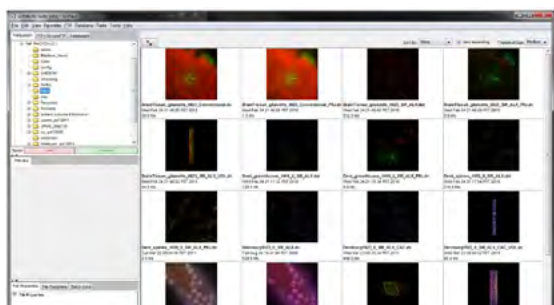
## Optional Packages with Imaris<sup>®</sup> by Bitplane

### Basic Package

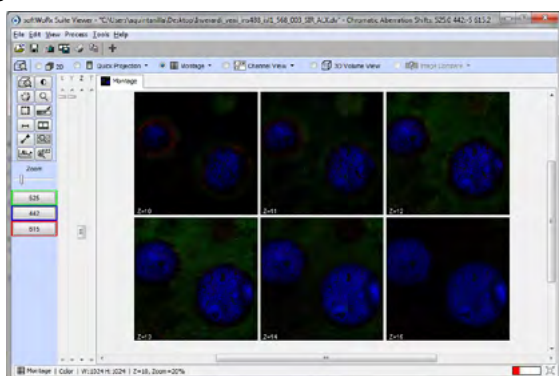
The Basic Package includes image visualization and analysis with real-time display with slicer, multi-plane sectioning and multi-processing standard shadow projection, image processing with baseline correction, noise removal, 3D image rotation, emission attenuation and cross-talk correction, 3D visualization with real-time 3D and high-resolution visualization, maximum intensity projection, arbitrary lighting and shadowing, animation editor, measurement tools with Free points, OrthoSlice points and IsoSurface Points, intensity measurements, intensity thresholding and manual object segmentation and image output options.

### Advanced Package

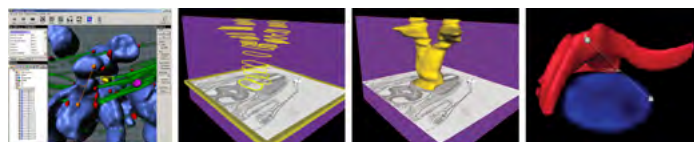
The Advanced Package for softWoRx Suite includes a complete colocalization analysis package and 4D particle tracking functionality, all seamlessly integrated into the visualization package. Save time on your research by automatically identifying and tracking large numbers of objects, documenting spatial and temporal changes and understanding motion and changes of shape, volume and intensity.



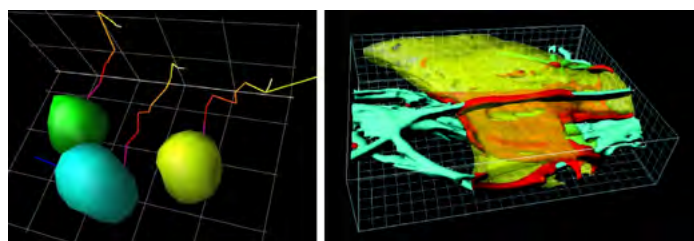
Preview Image Thumbnails



Montage View



softWoRx Suite with Imaris visualization and analysis



Particle tracking (left) and 3D modeling of colocalization data (right)

## softWoRx Explorer 2.0

softWoRx Explorer 2.0 file viewer makes it easy to open images anywhere. The software package can visualize and analyze data in 2D, 3D or 4D. It also allows the comparison of images side-by-side and provides the ability to annotate, animate and export data into multiple image and movie formats.

### Visualization

---

- Tabbed images for easy viewing
- Side-by-side comparisons
- Montage view displays timepoints or channels individually and as a composite

### Analysis

---

- Data Inspector
- 4D Measurements
- Segmentation

### Supported Formats

---

- Supports both PC and MAC operating systems
- Export to multiple video formats for presentations
- Support for open microscopy environments

	softWoRx Explorer 2.0	softWoRx Suite 2.0
<b>VISUALIZATION TOOLS</b>		
5D image analysis: x, y, z, time and wavelength(s)	√	√
Independent wavelength control	√	√
Advanced color palette including heat mapping and color inversion	√	√
Side-by-side image comparisons with synchronized scrolling	√	√
Thumbnail previews		√
<b>ANALYSIS TOOLS</b>		
Quantitate and export pixel values in 5D	√	√
Automatic and user-defined image segmentation	√	√
Calculate and export distance values	√	√
Quantitative deconvolution (constrained iterative algorithm)		√
Chained task builder for multi-step image processing		√
Queue manager for batch job processing		√
<b>EXPORT TOOLS</b>		
Movie formats include MP4, M4V, AVI, QuickTime, FLV Flash	√	√
Export to DeltaVision, TIFF, JPEG, RAW, OME	√	√
Export data sets in csv	√	√
Manage FTP and remote database connections		√