The advent of deep learning for image analysis has proven to be a technological quantum leap. Complex tissue structures can now be successfully interrogated for a multitude of information that previously required time-consuming development of algorithms and advanced knowledge of specific software language. Without compromising ease of use or extensive training, scientists can use deep learning to grow and evolve with their research without hitting software limitations.

Visiopharm software comprises the most comprehensive solution for digital pathology available today, implementing the latest technical breakthroughs in deep learning. AI is built into the foundation of the software, allowing every scientist to access the latest techniques to solve even the most complex and challenging image analysis applications.

- **Intuitive analysis workflow:** Annotate, train, and run
- **Infinite configurability:** Flexibility to conquer all types of complex tissue challenges
- **Focus on the tissue:** no programming or IT experience required

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**What customers are saying**

I think that the huge benefit of Visiopharm is that you can develop your own custom algorithms a lot more efficiently than you can with other software products. The possibilities are virtually endless.

Stefan Hamann, Ph.D., Principal Scientist at the Translational Pathology Laboratory at Biogen

Visiopharm really has become a leader in these types of deep learning methods, which is really impressive.

Robert Dunstan, Bs. MS., Senior Research Fellow, AbbVie
AI-enabled image analysis with Visiopharm software uses a teach-by-example methodology, which makes finding meaningful differences between biomarkers, cells and tissues straightforward, no matter the tissue type or stain used.

The possibilities are virtually endless

Regardless of the type of stain or tissue, identification of cells or tissue compartments are fundamental first steps in image analysis. Manual methods for doing these tasks are time-consuming and challenging, especially for those new to the field of image analysis.

Use our ready-to-use AI-based APPs to identify cells types, tumor regions, glomeruli and other unique objects or regions.

Use our unique Authoring capabilities to build your own solution that delivers precise and accurate information without needing any programming experience.

Deep learning recognizes and creates rules from the underlying patterns in the image.

Visit visiopharm.com/ai-deeplearning to get the latest updates, learn more and book a demo.