

# LAGOTTO™



Connect to vast, collective knowledge

Lagotto™ is a patented, content-based image retrieval solution that enables pathologists, researchers and educators to instantly find similar digital slides within their institution (or around the world) and access the knowledge in corresponding diagnostic reports, patient outcomes, and metadata.

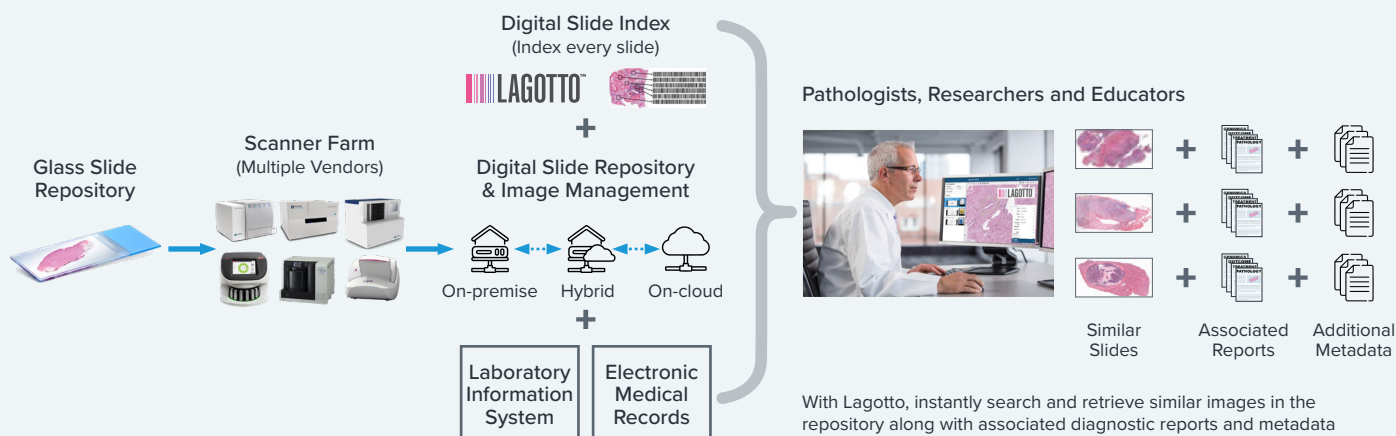
## Key Features

- Search intelligently and compare whole-slide images from both Huron and 3rd-party scanners using AI
- Search through more than 100,000 WSIs in seconds
- Deploy on-premise, on-cloud, or in a hybrid environment to suit your storage and compute deployments
- Integrate with Huron's SlideVault™ or virtually any 3rd-party IMS

## Technical Specifications

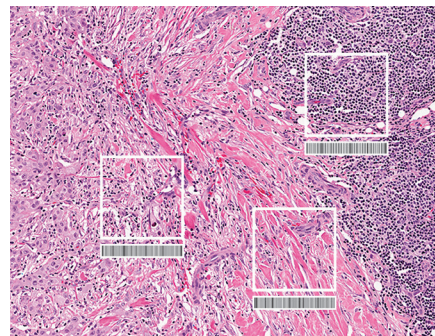
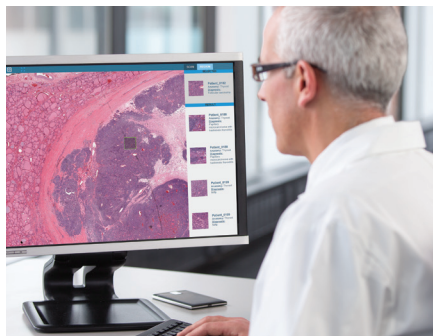
<b>Deployment</b>	On-premise / On-cloud
<b>CPU</b>	≥ 16 cores, x86-64 Intel Cascade Lake / AMD Zen 2 or newer
<b>GPU</b>	≥ NVIDIA 8GB VRAM
<b>RAM</b>	≥ 64GB, Recommended 128GB ECC Memory
<b>O/S</b>	Any Linux based operating system

## Reference Architecture of Lagotto™



## Transform your slides into shareable knowledge.

The Lagotto™ Image Search Engine is an integral part of Huron's Scan, Organize, Analyze platform for pathology, which combines best-in-class slide scanning with our innovative approaches to image management and analysis.



### Scan.

Our solution leverages our 10+ year experience in providing whole slide scanners to leading research institutions.

We are open and forward thinking. Our non-proprietary file format ensures that you are never locked in. We also value standards and the relationship between pathology and enterprise imaging. As such, we implement the DICOM standard in our scanners to ensure compatibility with other imaging modalities.

### Organize.

The SlideVault™ Image Management System provides you with the power to organize your data as needed.

The system differentiates between User and Project permissions, and allows for deidentification of data, so you can rest assured that your data is safe and protected. Huron works closely with your IT department to ensure that our solution complies with your organization's information security policies.

### Analyze.

We have partnered with the leading image analysis software vendors to provide image analysis solutions. Our Lagotto™ Image Search Engine for Pathology enables the indexing and searching of whole slide images.

## About Huron Digital Pathology

We believe that innovation is the key to making digital pathology a ubiquitous reality. But for us, innovation is about more than just delivering great image quality and fast scanning speeds. It's also about designing products that are simple to use, easy to integrate with your workflow, and have attractive price-performance characteristics.

Based in St. Jacobs, Ontario, Canada, Huron Digital Pathology has a 20 year history designing sophisticated imaging instrumentation. Our end-to-end digital whole slide scanning solutions for digital pathology incorporate our award-winning TissueScope™ digital slide scanners, image management software, and our workflow-enhancing accessories, which include our innovative TissueSnap™ preview scanning station.



Manufactured by **Huron Technologies International Inc.**, of which Huron Digital Pathology is an operating division.  
1620 King St. North, PO Box 504, St. Jacobs, ON N0B 2N0 Canada

TissueScope™, TissueSnap™, Lagotto™, SlideVault™ and Huron Digital Pathology™ are trademarks of Huron Technologies International Inc.

The TissueScope™ scanner is based on one or more of the following: U.S. Patents 8,896,918 B2/8,655,043/7,218,446 B2 / 6,072,624; EU patent 2758825; U.S. and International patents pending.

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