

**PHILIPS**

IntelliSite

Pathology Solution

Sharing  
**multiplies the value  
of knowledge**

# The need to work **more efficiently**

As pathologists, you face growing challenges. You must seek more efficient means to support targeted, patient-specific therapies while balancing your workload. Digital pathology can offer you new ways of working.

IntelliSite Pathology Solution is a highly scalable platform that enhances productivity with high-resolution digital images, collaborative features,

and case management tools. It is designed to support your clinical practice, improve patient care, and reduce costs across your healthcare system.



“You no longer need to worry about the difficult logistics involved in sending glass slides. You no longer run the risk of physically losing or damaging specimens. You save a lot of money and consultants save a lot of time.”

**Alexi Baidoshvili, MD, Pathologist at LabPON Hengelo, Netherlands**  
*The first laboratory in the world to fully digitize its histopathology services*



# Tangible benefits of digital pathology

IntelliSite Pathology supports a comprehensive approach to digital pathology, speeding and simplifying access to histopathology information across your organization and beyond, helping your staff work more efficiently. It is the innovative pathway for the pathology world, advancing towards predictive health management, enabling global access to expert consultations, reduced time to process and evaluate specimens.

This turnkey solution includes hardware, software, and user training. It is the foundation upon which the essentials of a successful digital transformation are based. As you move down the path from

initial digitization to advanced analytics, you'll experience tangible benefits along the way. By establishing a phased, integrated approach, we at Philips will be your partner throughout the journey.

Work efficiently, speed consults, uncover new insights

# Essentials of a digital pathology pathway

## Digitize your workflow

A digitized specimen has the potential to open new opportunities for increased efficiency and a reduction in the shortcomings of a traditional analog histopathology workflow. A digitized specimen does not break, get lost, cost time and money to ship, or require significant physical storage space. It can be shared remotely for quick collaboration and archived/accessed at a moment's notice. Pathologists can organize and review a large number of cases with ease.

## Connect your team

Anticipated population growth and increases in disease incidence owing to an aging population will lead to a net deficit in excess of more than 5700 FTE pathologists (for the USA alone). Digital pathology can help to counter this global trend. By networking labs and pathologists, you elevate collaboration between labs/specialists, facilitate consultation across geographies, and develop a robust teaching platform.



### You can...

- Work efficiently – By shortening review time and leveraging the skills of your remote specialists, your team can turnaround work fast
- Improve decision making – You can easily collaborate with colleagues for an informed approach
- Experience true versatility – IntelliSite's open platform (API) design invites collaboration with clinical and technology companies

### You can...

- Remove geographic boundaries – A virtual network gives you access to all team members, wherever they may be located, decentralizing your work
- Secure sharing of data – Safeguards are in place so that all your data remains safe
- Grow at your own pace – You can design a solution that fits your needs with IntelliSite's scalable architecture

## Unify patient data

Personalized treatment options demand a more confident diagnosis. Collaborative involvement to obtain and integrate relevant information from different disciplines is necessary to achieve this goal. Developing an effective treatment plan requires access to related patient information from multiple sources (EMR, LIS, PACS). As an enterprise solutions provider, we are experienced in fostering multidisciplinary, digital environments across your enterprise.

## Gain new insights

Digital pathology will offer new ways to get more information from tissue samples. The development of specific algorithms for automated interpretation of advanced stains will facilitate the objective analysis of images. By developing advanced algorithms and data management systems, we can help you translate the 'Big Data' promise into knowledge.



### You can...

- Know more – By utilizing digital data generated across your imaging departments, pathologists can become integral team members
- Move toward integrated cancer care – The ability to share, discuss, and coordinate care using a virtual network of clinical data supports personalized treatment
- Open the pathway – Towards Philips oncology solutions that help define how cancer care is delivered.

### You can...

- Access advanced analytics – IntelliSite's image analysis applications offer tools that provide exciting new insights for research pathologists
- Unlock the potential – Digital histopathology information can be combined and analyzed with other 'Big Data' information such as biology and genomics data to improve diagnostic confidence and ultimately patient care



# IntelliSite Pathology Solution

As your pathology department grows to meet increased demand, you need tools to help you reach better-informed decisions more quickly.

With IntelliSite we can support your digital transformation in a carefully integrated manner, one that best fits your clinical requirements. We bring w established expertise in imaging solutions and interoperability to help facilitate success.

Our multifaceted offering features three core elements:

**IntelliSite Ultra Fast Scanner (UFS)** is a high throughput bright field slide scanner designed to accommodate current histopathology needs for routine use in high volume labs and integrated pathology networks.

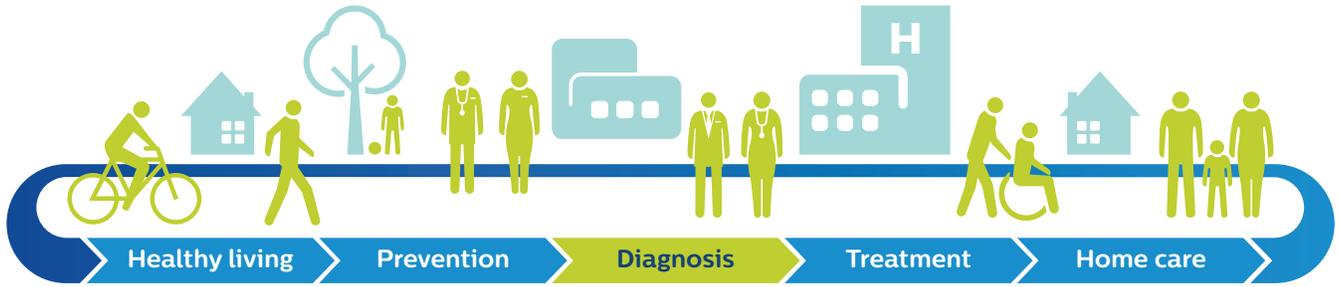
**IntelliSite Image Management System (IMS)** works to improve the efficiency and effectiveness of your pathology lab. The open and scalable design offers exceptional integration into your workflow and IT infrastructure environment.

**Pathologist Suite**, our pathology case viewer, is designed to get pathologists through cases as fast as possible, and having easy access to information and resources to enable better-informed decision-making.

With our digital pathology solutions you'll enjoy the various options of business models and agreements. All backed by Philips Global Service & Support.

The Philips IntelliSite Pathology Solution is registered for diagnostic use in the European Union, Canada, Singapore and the Middle East.

In the United States, the Philips IntelliSite Pathology Solution can be used for in vitro diagnostic use for Manual Read of the Digital HER2 Application and is available for research use only.



# Why **Philips**

Philips has been developing medical imaging solutions for more than 100 years. It's in our DNA. Backed by Philips Research, our commitment to digital pathology is significant.

We've entered into major long-term collaborations with institutions such as Mount Sinai, Genomic Health and Partners Healthcare (Massachusetts General Hospital), who share our vision of improved, personalized medicine and patient care through innovation in digital pathology.

### **Toward a digital healthcare continuum**

At Philips we've identified digital pathology as a critical element in the growing digitization of the healthcare continuum. We strive to provide clinicians with access to real-time clinical information in one place – across modalities, time zones, and technologies.

This will help clinicians diagnose, treat, and manage many of today's most prevalent diseases. We continue to invest in promising new approaches to radiology, cardiology, oncology, decision support, home health, respiratory, and other critical care areas. IntelliSite Pathology Solution is a good example of such an investment.

From home to hospital and back, Philips creates value by helping to reduce costs and improve care through an integrated approach.

To learn more, please visit or dial:

[www.philips.com/digitalpathology](http://www.philips.com/digitalpathology)

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