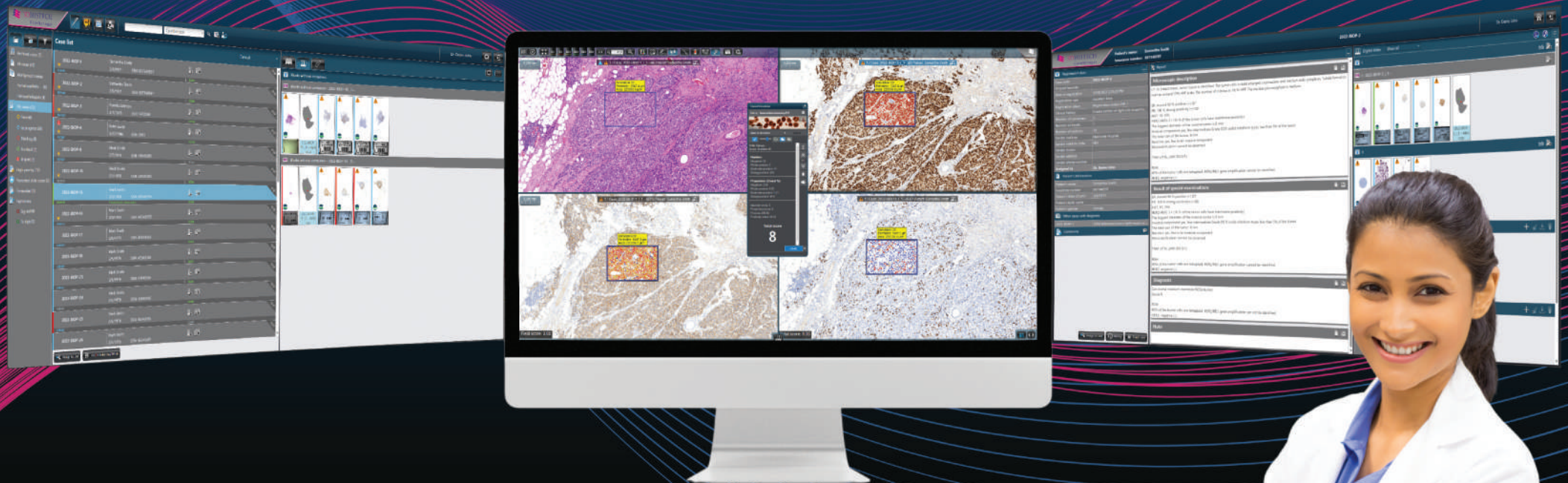




Pannoramic™ Diagnostic Solutions



Next Generation Digital Pathology

Integrated PANNORAMIC™ Diagnostic Solutions

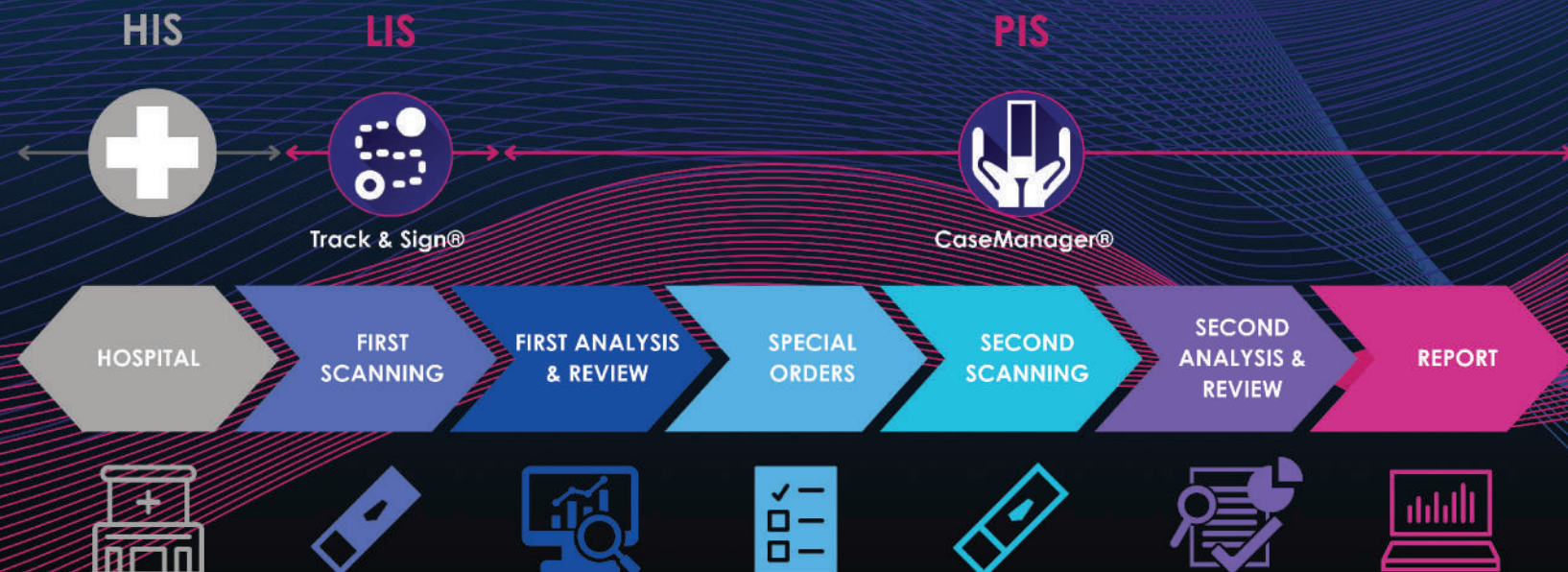
In today's medical landscape, pathological diagnosis holds unprecedented significance. It not only paints a clinical picture but also guides therapy decisions and facilitates treatment monitoring. Embracing digitalization, a growing trend in pathology labs, is crucial for modernization. With 3DHISTECH's innovative diagnostic solutions, our clients can enhance their pathology workflow seamlessly, streamlining processes under one vendor's expertise.

Our PANNORAMIC™ Diagnostic Solutions offer top-tier digital slide scanners delivering exceptional image quality. Moreover, it empowers pathologists with full workflow control through CaseManager®, our advanced pathology management system.

Our latest software and hardware solutions cater to diverse laboratory sizes, from small-scale to high-volume operations. With an exclusive emphasis on pathologists' needs, we promise quicker, more dependable results while maintaining quality and compliance standards. As your reliable partner, we provide support for quality compliance and ensure that all upcoming innovations are IVDR-ready, complementing our existing IVDR-approved solutions.

Enhance your pathology processes with a dependable digital workflow through our **PANNORAMIC™ DIAGNOSTIC SOLUTIONS**.

DIAGNOSTIC DIGITAL PATHOLOGY WORKFLOW



Central Log Service Application®

Ensuring the security of **Personal Health Information** and **Sensitive Medical Records** is paramount across all regions. 3DHISTECH addresses this critical need by meeting stringent security standards for pathology medical data globally. **CentralLogService® (CLS)**, our server-based security manager application facilitating remote monitoring and control of all clients, thereby bolstering cyber security measures effectively.

- Robust access control & authentication protocols
- Prohibition of multiple access to safeguard data integrity
- Prevention of unauthorized network & user access
- Automatic logout & session termination for enhanced security



ENHANCED
CYBERSECURITY
MEASURES



SECURE ACCESS FOR
AUTHORIZED USERS
WITH
TRUSTED CREDENTIALS



SUPERVISORY
CAPABILITIES FOR
SCANNING PROCESS
STATUS
AND USER ACTIVITY



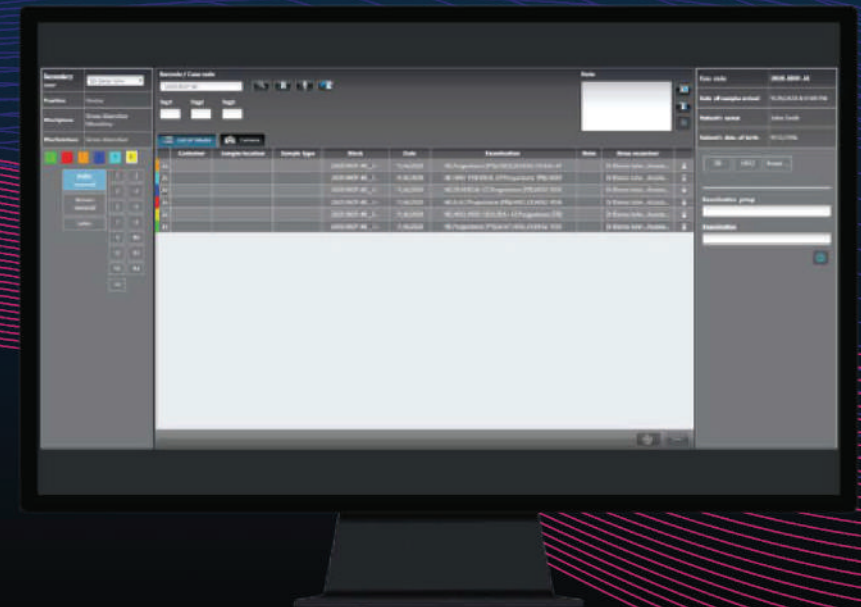
STREAMLINED
MAINTENANCE
PROTOCOLS



Track & Sign®

Our comprehensive **Laboratory Information System (LIS)**, which provides full support for sample management and diagnostic activities. When combined with **CaseManager®**, Track&Sign® seamlessly integrates the workflow from case registration to the final report, resulting in shorter turnaround times, **increasing laboratory efficiency**. Track&Sign® is a flexible system designed to accommodate the specific requirements of clients, **integrating with their existing** laboratory workflow.

- Barcode-based tracking
- Flexibility for integration
- Has the capability to integrate with a local **Hospital Information System (HIS)** in order to automatically receive patient and sample information.
- Advanced user and workflow management. Unlimited number of users, workgroups and workplaces.

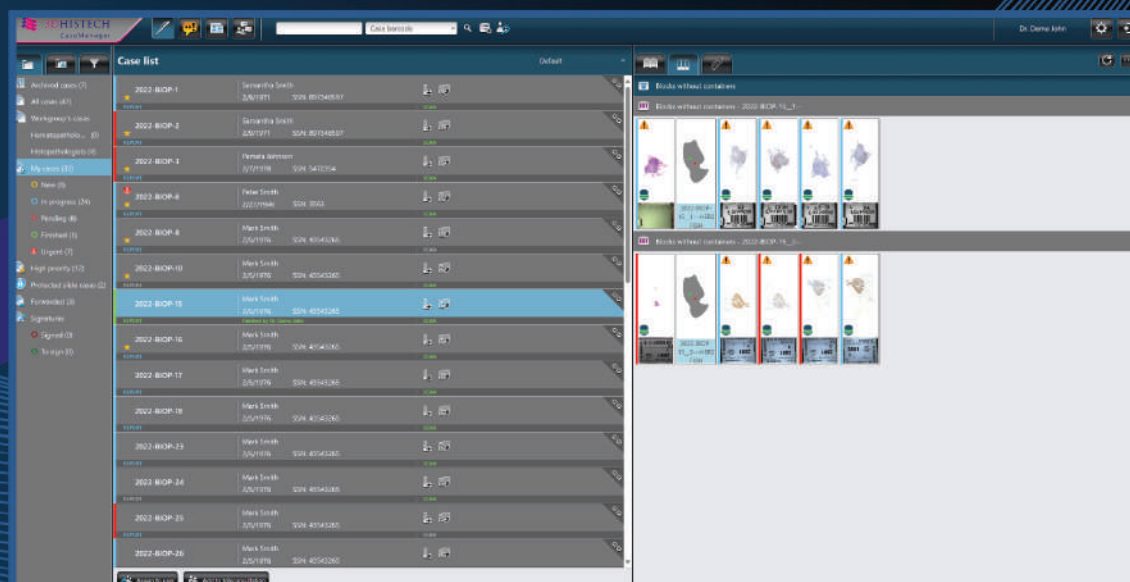
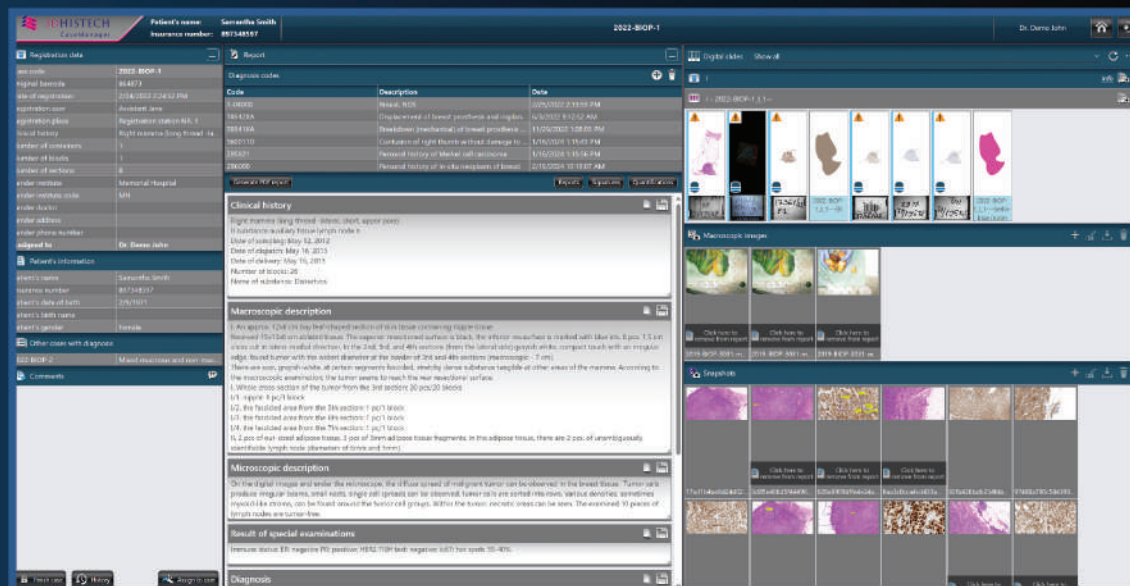




CaseManager® DX

CaseManager® DX, our **Pathology Information System (PIS)**, presents an integrated system spanning digitization, pathologist assignment, primary inspection, supplementary orders, and consultation, culminating in image analysis.

- **Special Examination Request Transmission** to the laboratory information system (LIS).
- **Customizable Report Form** for creating different reports for different case types.
- Ability to assign cases to pathologists or workgroups for efficient workflow management.
- **Focus View** functionality to display all case details onto a singular page.
- **Slide Archiving** capability to PACS in DICOM format. Archived slides can be deleted to optimize storage space utilization.
- Capability to automatically delete slides after a specified time period, regardless of whether they are archived.
- Functionality to safeguard critical or unique slides from automatic deletion.
- **Central Control** incorporates the capability to tailor scanning parameters for specific tissues or stains. The scanner's settings can be managed centrally through CaseManager®.
- Offers features facilitating **consultation** and **collaboration**.

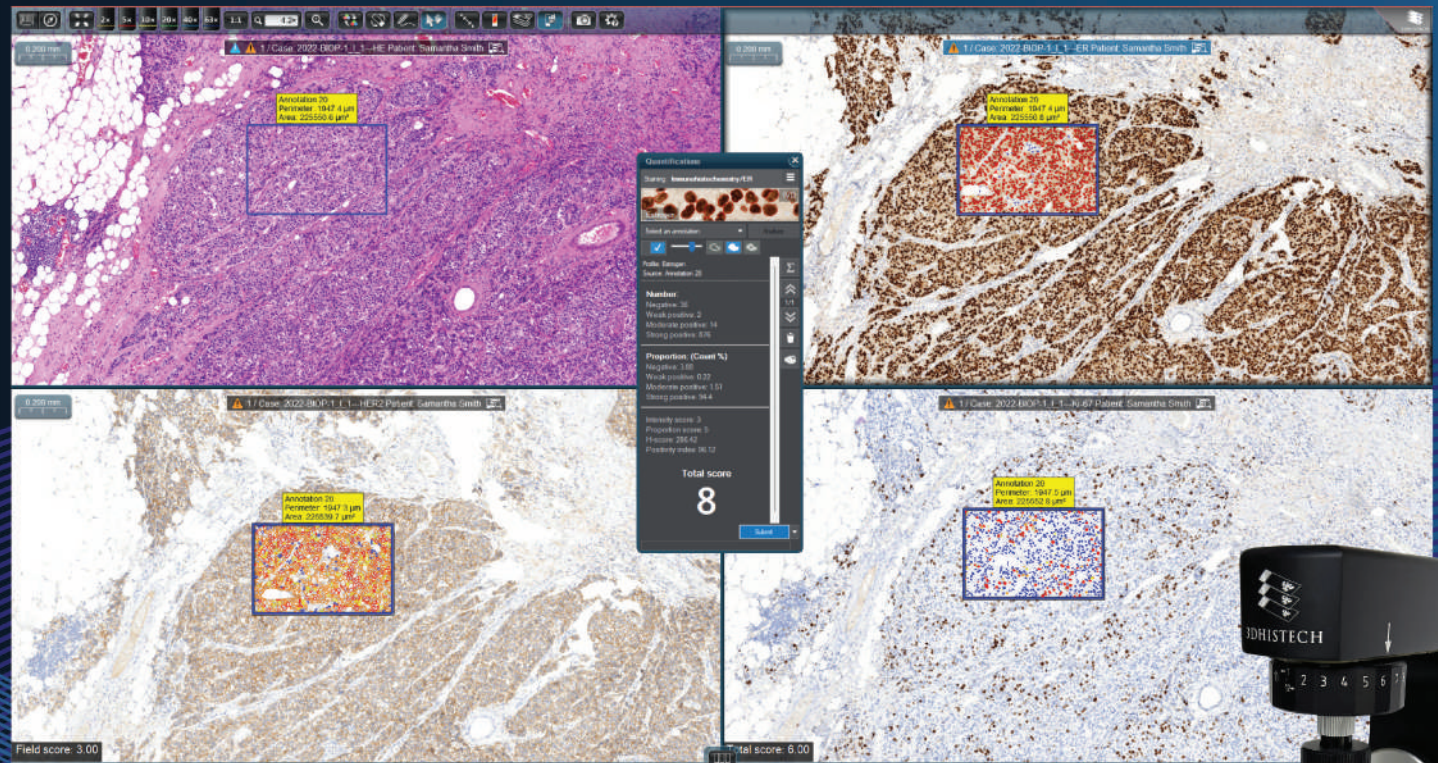




ClinicalViewer®

ClinicalViewer® an integral component of CaseManager®, is a digital microscopy application created to support and optimize the histopathological diagnostic workflow and microscope examination processes. Synchronized with CaseManager®, it ensures data integrity by preventing cross-patient data access, thereby upholding patient confidentiality and data accuracy.

- Quick annotation toolbar
- Customizable annotation toolbar
- Annotation history
- Multi-user teleconsultation
- High resolution snapshot capabilities
- Multi-view, single click slide opening with automatic alignment
- Integrated image analysis applications
- Tracking history with customizable delay
- 3D Connexion SpaceMouse and SlideDriver support
- Touch screen support



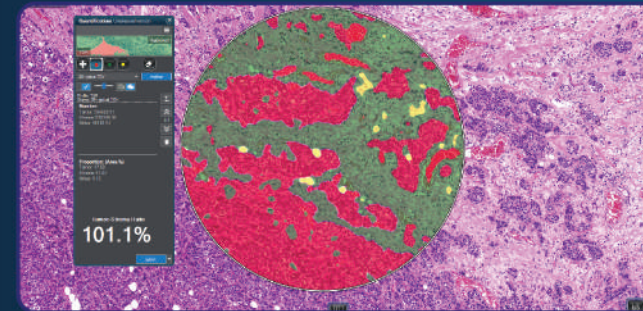
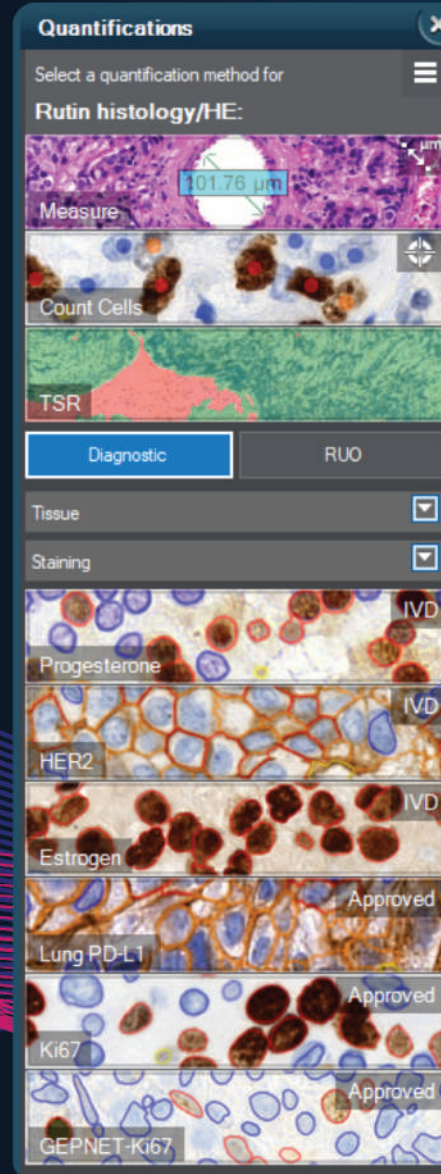
SlideDriver® by 3DHISTECH
Our innovative navigation device, with microscope-like controls, designed to ease the transition of new users in digital pathology.





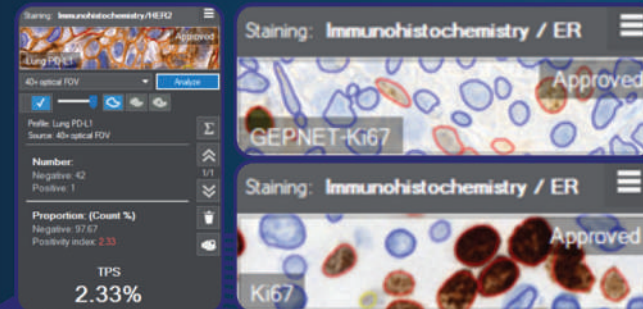
Diagnostic Applications®

Diagnostic Applications® is an advanced image analysis platform engineered to serve as a decision support tool for swift and automated quantification based on field of view. Through the utilization of this computer-aided image analysis tool, precise, rapid, and superior analytical outcomes can be achieved. Through integration with CaseManager®, Diagnostic Applications® facilitates automatic display of measurement results, charts, and masked images within the relevant pathology case on the CaseManager® interface. This efficient process empowers pathologists to effortlessly append measurement results and images to the final report.



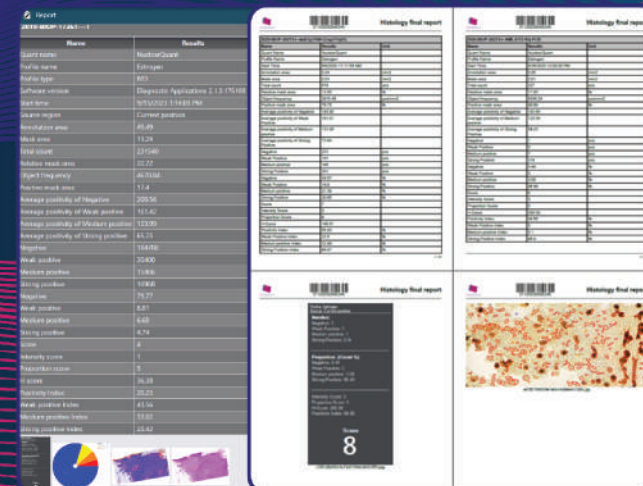
HE

- Length, distance, area
- Region of Interest
- Counting
- Tumor Stroma Ratio Tool (TSR)



IHC

- ER, PR, HER2
- Ki67, GEPNET-Ki67, Lung PD-L1 (research use only)
- Integration with 3rd-party image analysis tools

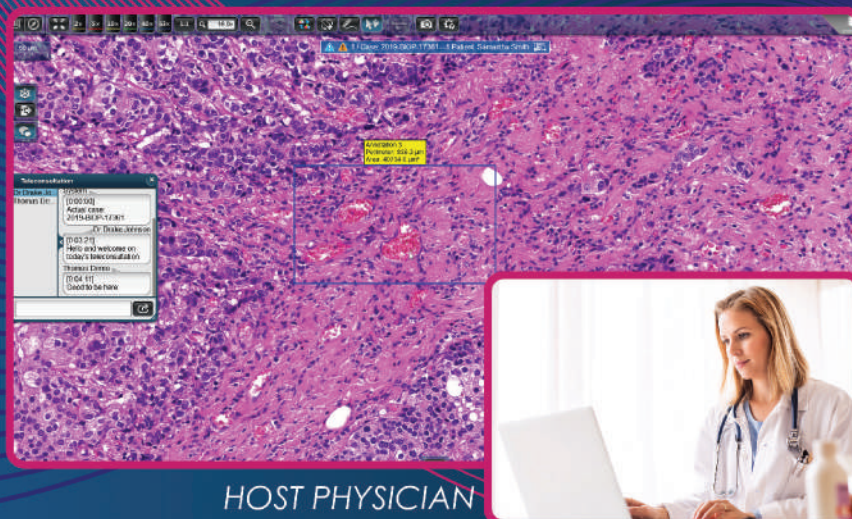
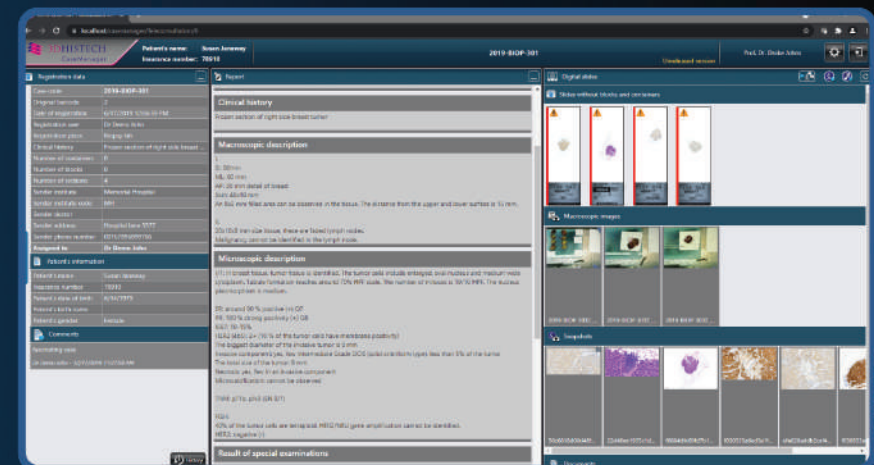
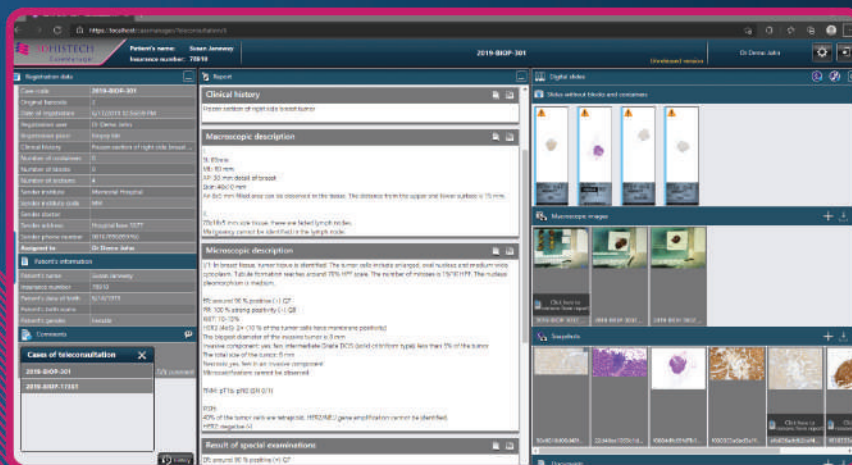


Analysis Results

- Measurement results
- Snapshots
- Piecharts, graphs, other visualisations



Teleconsultation in pathology has been revolutionized by digital microscopy, facilitating online collaboration, accurate measurements and diagnosis, and even education. In today's medical landscape, the demand for second opinions is higher than ever due to specialization and economic pressures in hospitals. Digital pathology allows for **swift** and **secure** sharing of digital slides globally, enabling **real-time consultations**. This feature enhances efficiency and precision with data security, while eliminating the need for physical sample transportation. With **CaseManager®**, online and offline teleconsultation options are available, ensuring rapid and reliable diagnoses for your workflow.



HOST PHYSICIAN



CONSULTING PHYSICIAN



	PANNORAMIC™ 1000 DX	PANNORAMIC™ 480 DX	PANNORAMIC™ 250 FLASH III DX, 150 DX*, 75 DX*	PANNORAMIC™ FLASH MIDI DX*	PANNORAMIC™ FLASH DESK DX
Capacity	up to 1200 slides	up to 480 slides	300 / 150 / 75	12	1
Speed	25 seconds/slide	25 seconds/slide	30 seconds/slide	35 seconds/slide	35 seconds
Throughput	up to 90 slides/hour	up to 90 slides/hour	up to 70 slides/hour	up to 50 slides/hour	35 slides/hour
Image Capture Magnification	40x / 80x	40x / 80x	40x / 80x	40x / 80x	40x / 80x
Supported Racks	3DH / Sakura / Leica	3DH / Sakura / Leica	3DH	3DH	-
Brightfield Scanning	Yes	Yes	Yes	Yes	Yes
Flash Scanning	Yes	Yes	Yes	Yes	Yes
Doublewidth Slide Compatible	Yes	Yes	No	No	Yes
IVDR Certification	Yes	Yes	P250 Flash III - Yes / *P150 & P75 DX Certification in Progress	*Certification in Progress	Yes
Dimensions in cm (w x d x h)	154 x 90 x 100	120 x 90 x 100	67 x 74 x 58 67 x 70 x 55 67 x 69 x 55	67 x 47 x 60	38 x 31 x 25
Weight in kgs	270 kg	240 kg	46 kg	30 kg	12

2020	GHP Life Sciences Award
2019	Hungarian Innovation Grand Prize (2003)
2016	International Scanner Contest Award (2012, 2010)
2013	Exporter of The Year Award
2012	Ányos Jedlik Award
2011	European Inventor Award
2010	First European Scanner Contest Award
2006	Dénes Gábor Award

Our **PANNORAMIC™ DIAGNOSTIC SOLUTIONS**, available as a package, include a diagnostic scanner from a selection, tailored to varying throughput requirements, complemented by our diagnostic software suite.



CLS®



Track & Sign®



CaseManager®



ClinicalViewer®



Diagnostic Applications®



Teleconsultation®

DEVELOPED AND PRODUCED BY



DISCLAIMER: Our diagnostic solutions in the United States are solely for research and educational purposes, not for diagnostic procedures. This package and its products have not obtained approval as a medical device from the FDA.

dx_all 04.2024

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