

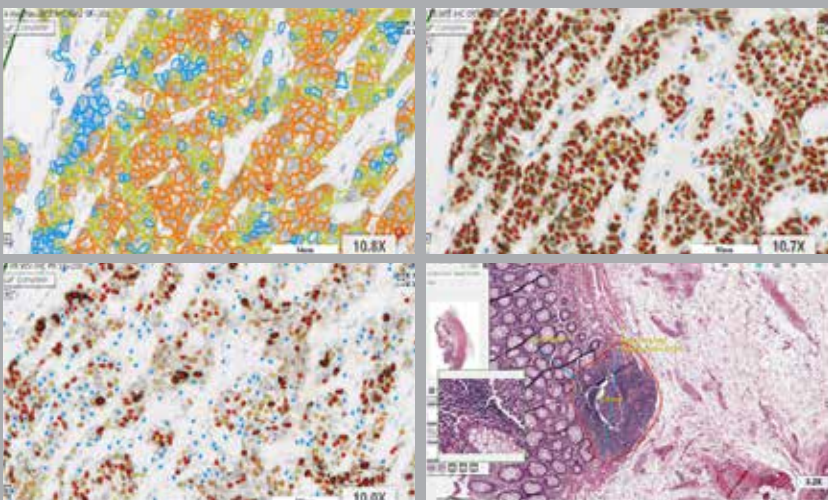


Every  
Diagnosis  
Counts

THE NEW

# HiPath Pro

Advanced Digital Pathology



POWERED BY  
**GENASIS**

**ASI** APPLIED  
SPECTRAL  
IMAGING

# The Ultimate Digital Pathology Flow

## Quantitative results in support of conclusive diagnosis

Welcome to your optimized workflow:

View&Mark >>> Match >>> Analyze >>> Report >>> Complete!

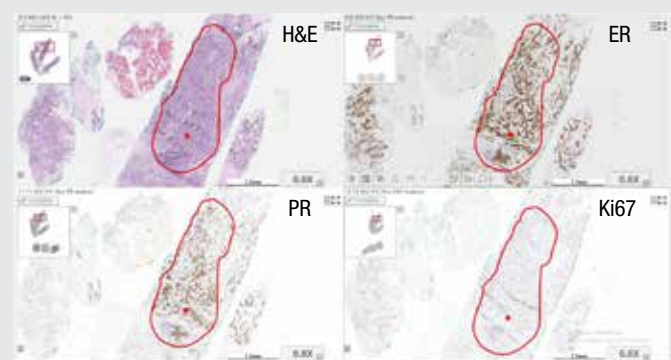
**1**  
**View & Mark**  
your reference slide



or

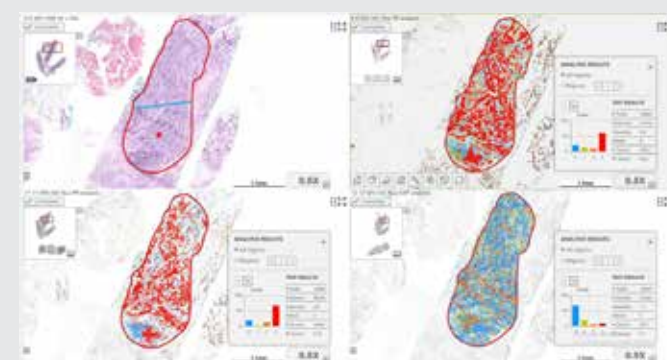


**2**  
**Match**  
region of interest  
with IHC panel



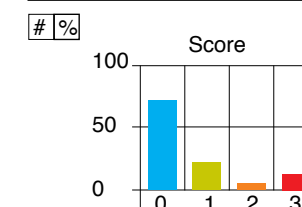
Flexible panel display of  
multiple slides with **unique  
annotations and statistics**

**3**  
**Analyze**  
for quantitative results



### ANALYSIS RESULTS

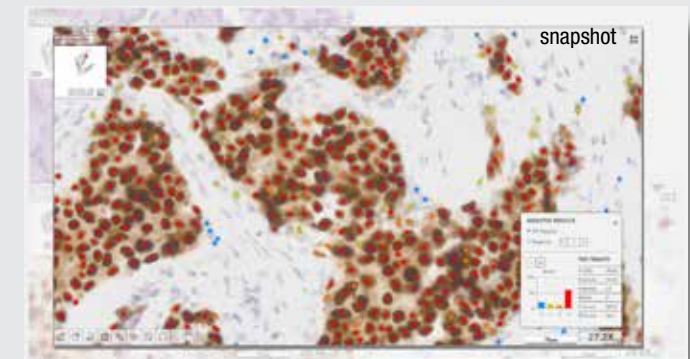
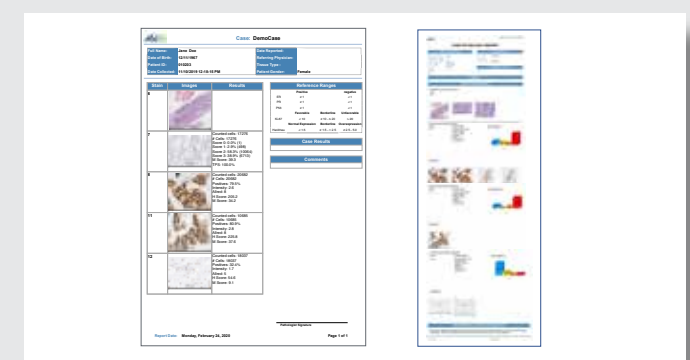
All regions  
 Regions < 1 >



### TEST RESULTS

# Cells: 18041  
Positives: 32.4%  
Intensity: 1.7  
Allred: 5  
H Score: 54.7  
M Score: 9.1

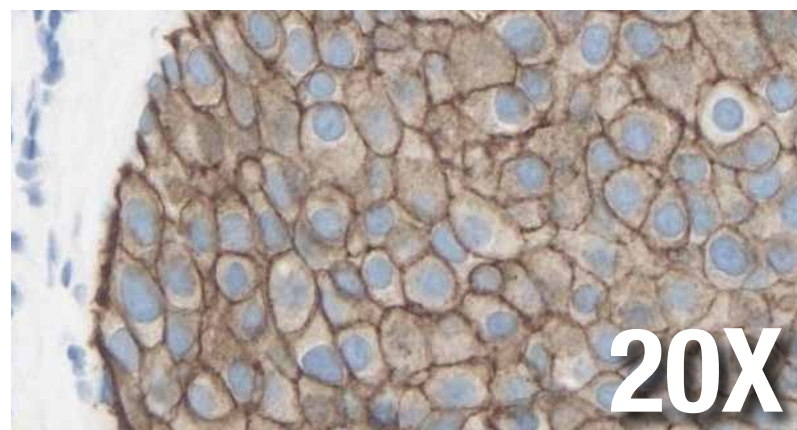
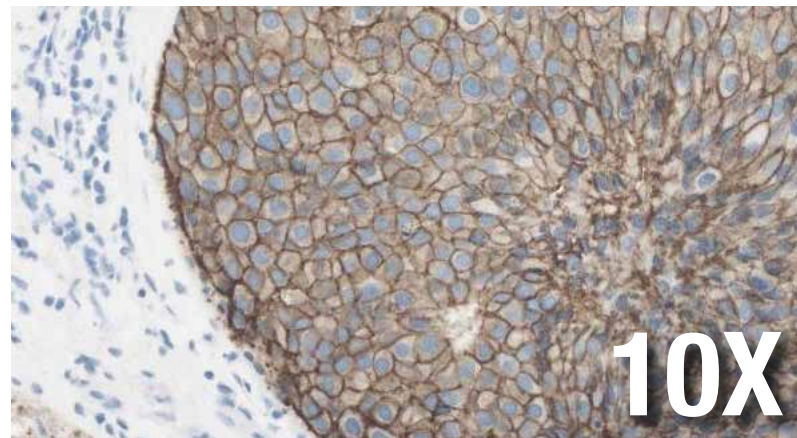
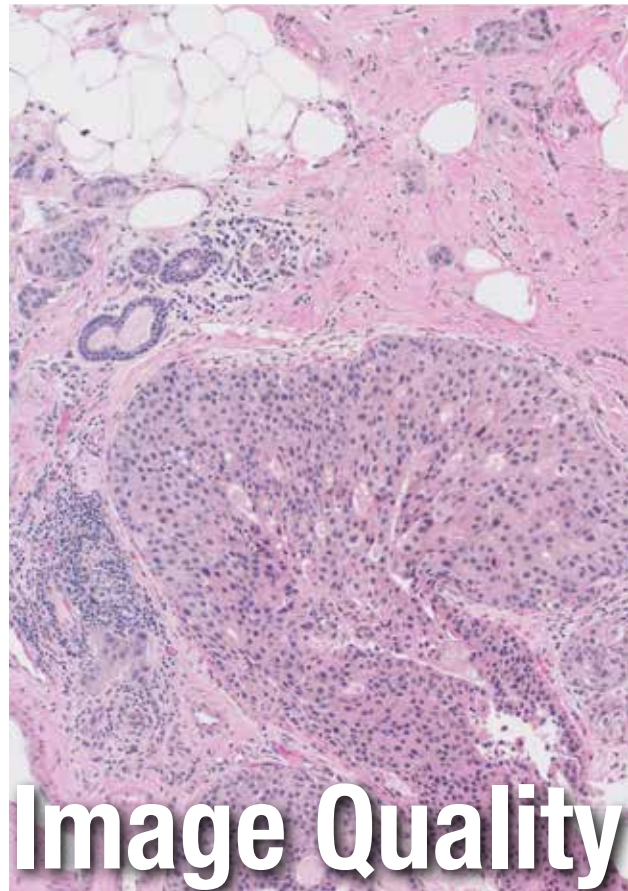
**4**  
**Report**  
scores and snapshots



## Benefits to Your Diagnostics:

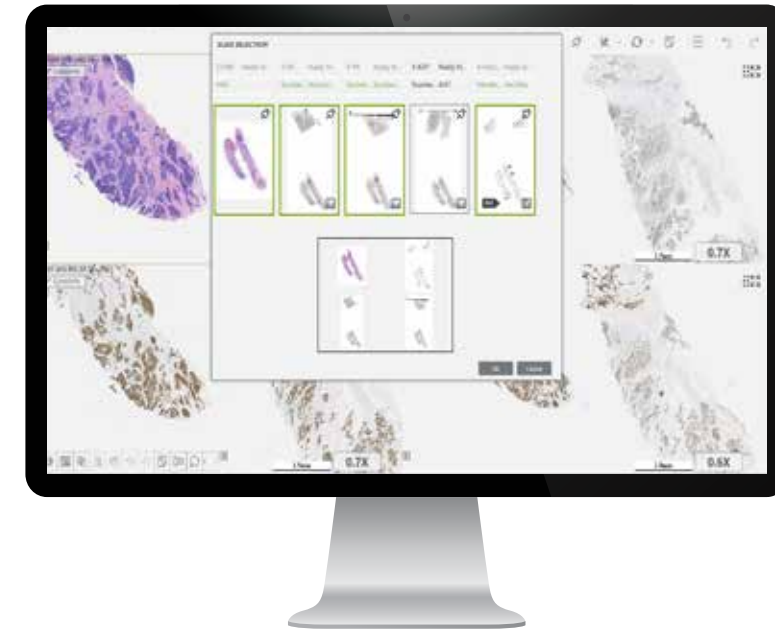
- ✓ **Exceptional image quality** up to 80X digital zoom
- ✓ **Intuitive navigation** and improved workflow
- ✓ **Advanced visualization tools** for in-depth examination
- ✓ Accurate, computer-aided analysis on **Whole Slide Images**
- ✓ And so much **more**

## Onscreen Digital Zoom to High Magnification



## Flexible Display Layouts per Clinical Test

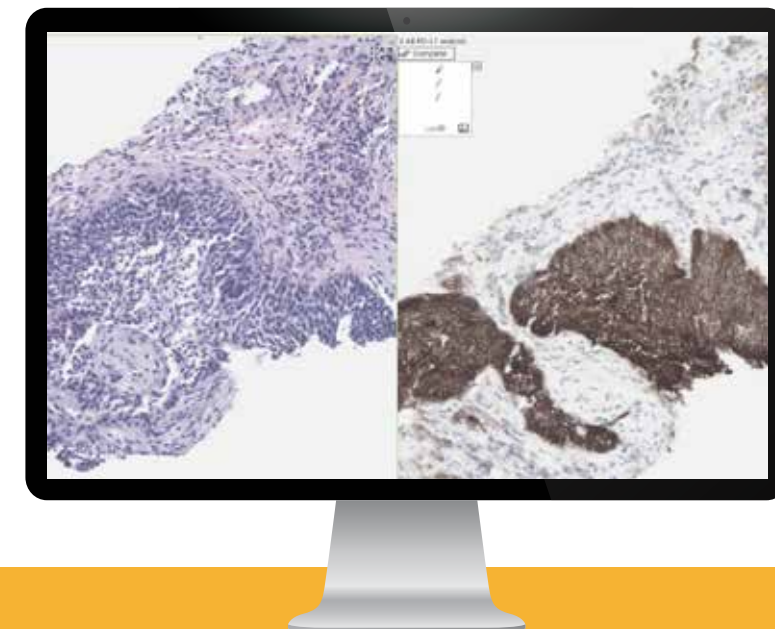
**Full breast panel on a single screen, free selection**



### **Specialized Algorithms:**

Integrated tissue detection, tissue matching and cell classification algorithms that can account for what the human eye may not see.

**Examine H&E side by side with PD-L1**



# Comprehensive Digital Pathology System



## Digital

Labor efficient  
Easy data access  
Quantitative analysis



## Standardized

Reduced human error  
Diagnostic confidence  
Results consistency



## Connected

Easy communication  
Faster turnaround times  
Remote access

High Throughput Scanning. Capture slides in minutes!



“As an early adopter of the PD-L1 immunostain methodology, our group quickly recognized the inter and intra observer variability in scoring and interpretation of the stain, especially when there is non-uniform staining among tumor regions. We have been very pleased with the added confidence that HiPath Pro provides us in improving accuracy and precision of interpretation.”

Dr. Lija Joseph, Lowell General Hospital

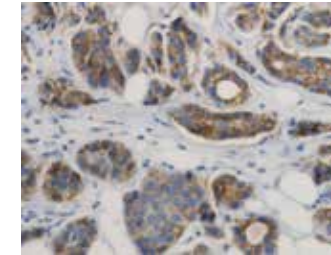
# IHC & CISH Quantitative Scoring

All nuclear and membrane staining

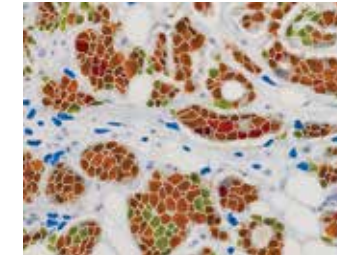
Wide range of tissue samples (e.g. breast, lung, colon, bladder, brain)

Vendor neutral

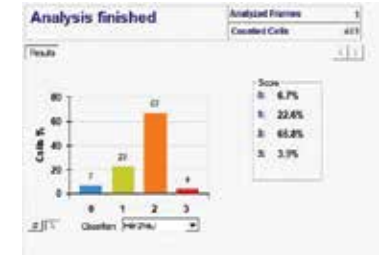
## HER2\*



Original

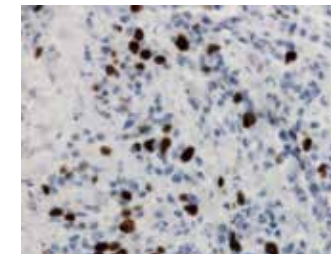


Analyzed

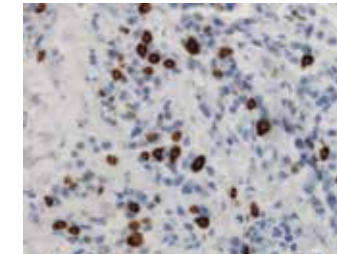


Results

## Ki67\*



Original

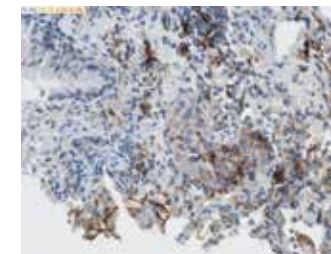


Analyzed

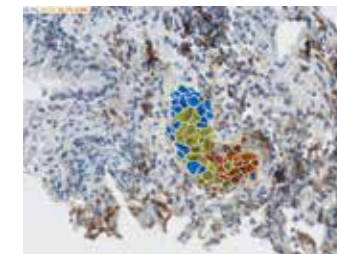


Results

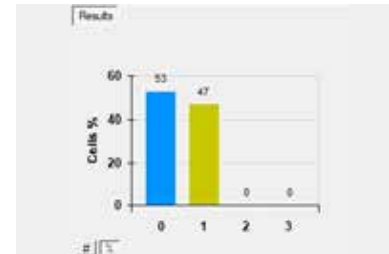
## PD-L1



Original

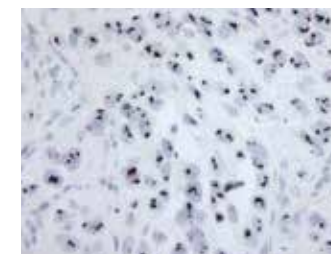


Analyzed

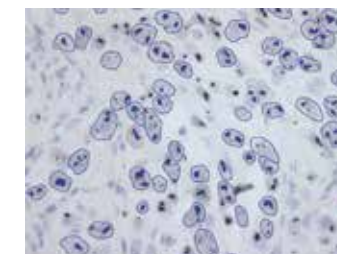


Results

## CISH



Original



Analyzed

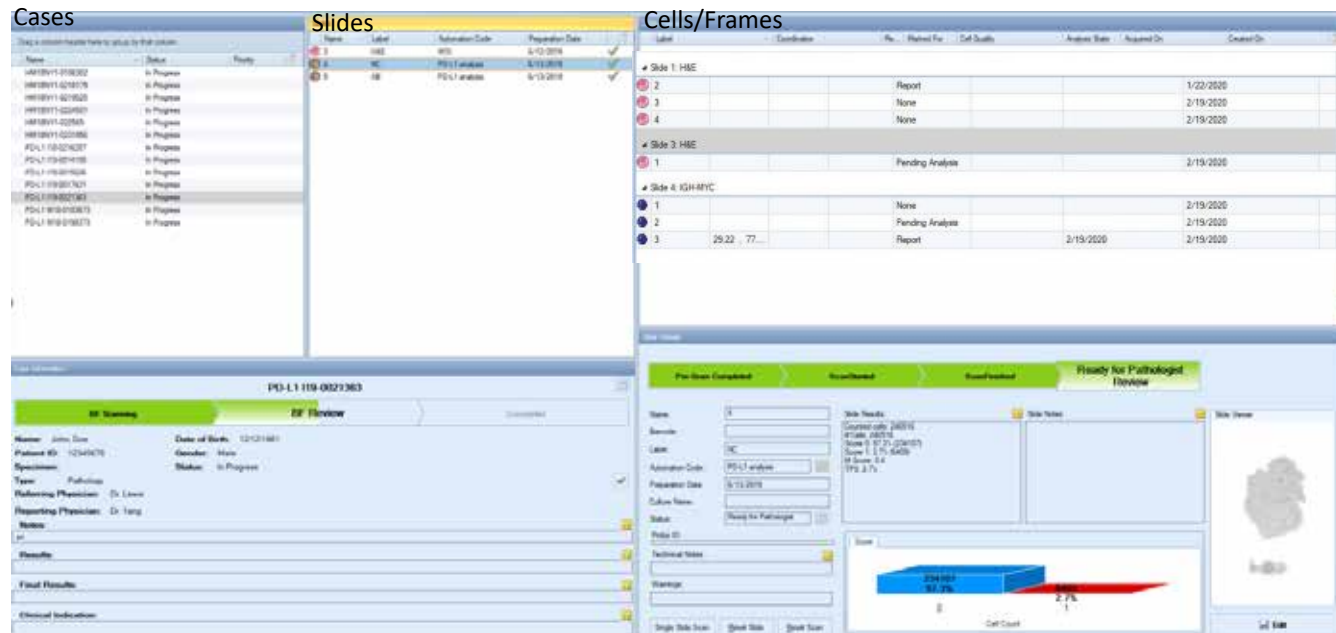


Results

# Data Management and Connectivity

Modern paperless workflow  
Secure data management

Central Portal and Database  
Easily Integrates with Lab LIS



Case Data Management (CDM)

# Telepathology at Its Best!

GenASIs AnyWhere™ for  
Remote Access and TC / PC  
Model Support

Lab Connectivity Anytime, Anywhere  
Review, analyze and sign off case  
information from any location via a  
secured network



## LabLife™ for Lab Management



### Benchmarks

communicate to customers and management your turnaround times



### Optimization

identify best practices to increase ROI per case and  
focus improvement efforts



### Growth

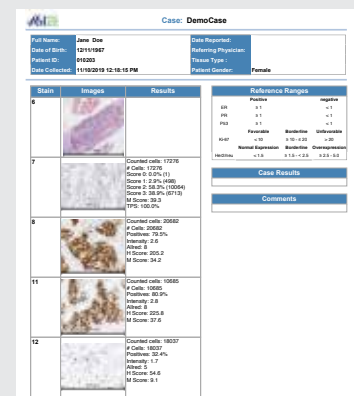
justify investment in additional capital equipment for the lab



### Annual analysis and review

compare performance year on year and make data driven decisions

## Advanced Reporting



## 1D/2D Barcode Reader



## LIS Connectivity

- ✓ Performance
- ✓ Security
- ✓ Data Integrity

HIPAA Compliant

# ASI Company Overview

Applied Spectral Imaging (ASI) is a global leader in biomedical imaging with a comprehensive product portfolio and a global distribution footprint.

Founded in 1993, ASI markets, services and supports its products in nearly 60 countries. The Company's technology, powered by GenASIs, enables pathology, cytogenetics and research laboratories to provide advanced diagnostics to patients through superior digital diagnostic tools.

ASI has a wide portfolio of dedicated solutions for brightfield, fluorescence and spectral imaging and analysis, including HiPath Pro, PathFusion, HiBand, HiFISH, CytoPower and Rainbow.

ASI's wide FDA clearance portfolio includes: FDA clearance for BandView, FISHView, SpotScan for CEP XY, UroVysion, ALK and HER2/neu FISH, and for HiPath IHC Family for HER2, ER, PR, and Ki67, on the manual configuration

The Company has offices in the US and Asia and a global network of distribution partners.

## Global Presence

**4,500**

Systems installed worldwide

**71**

Countries through direct & indirect sales forces

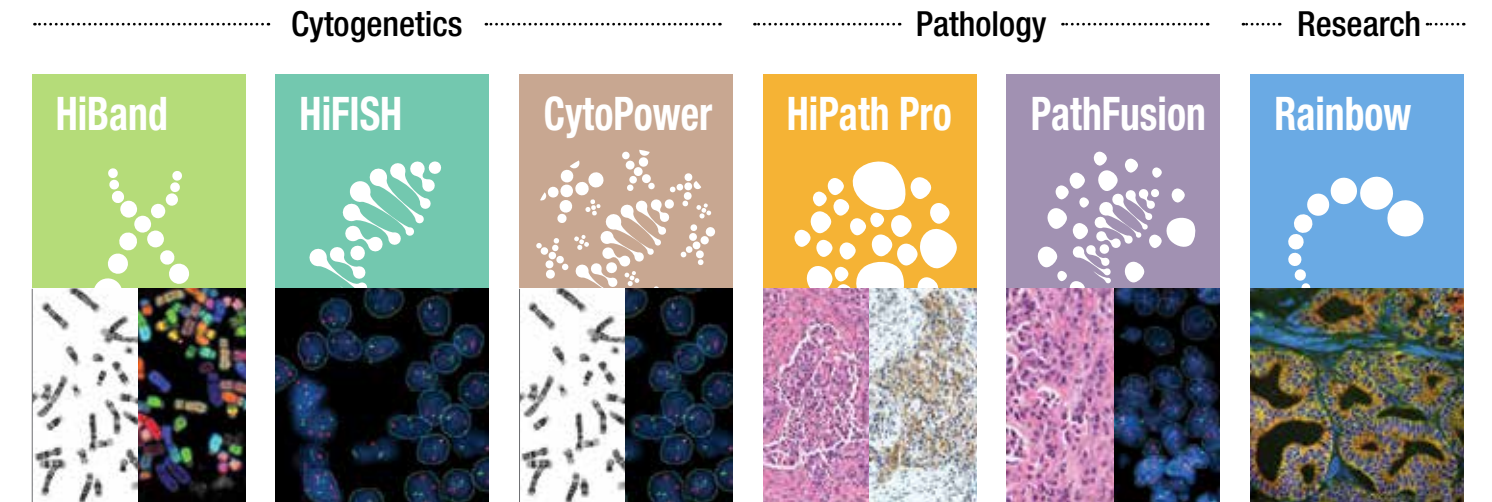
**60**

Third party distribution partners

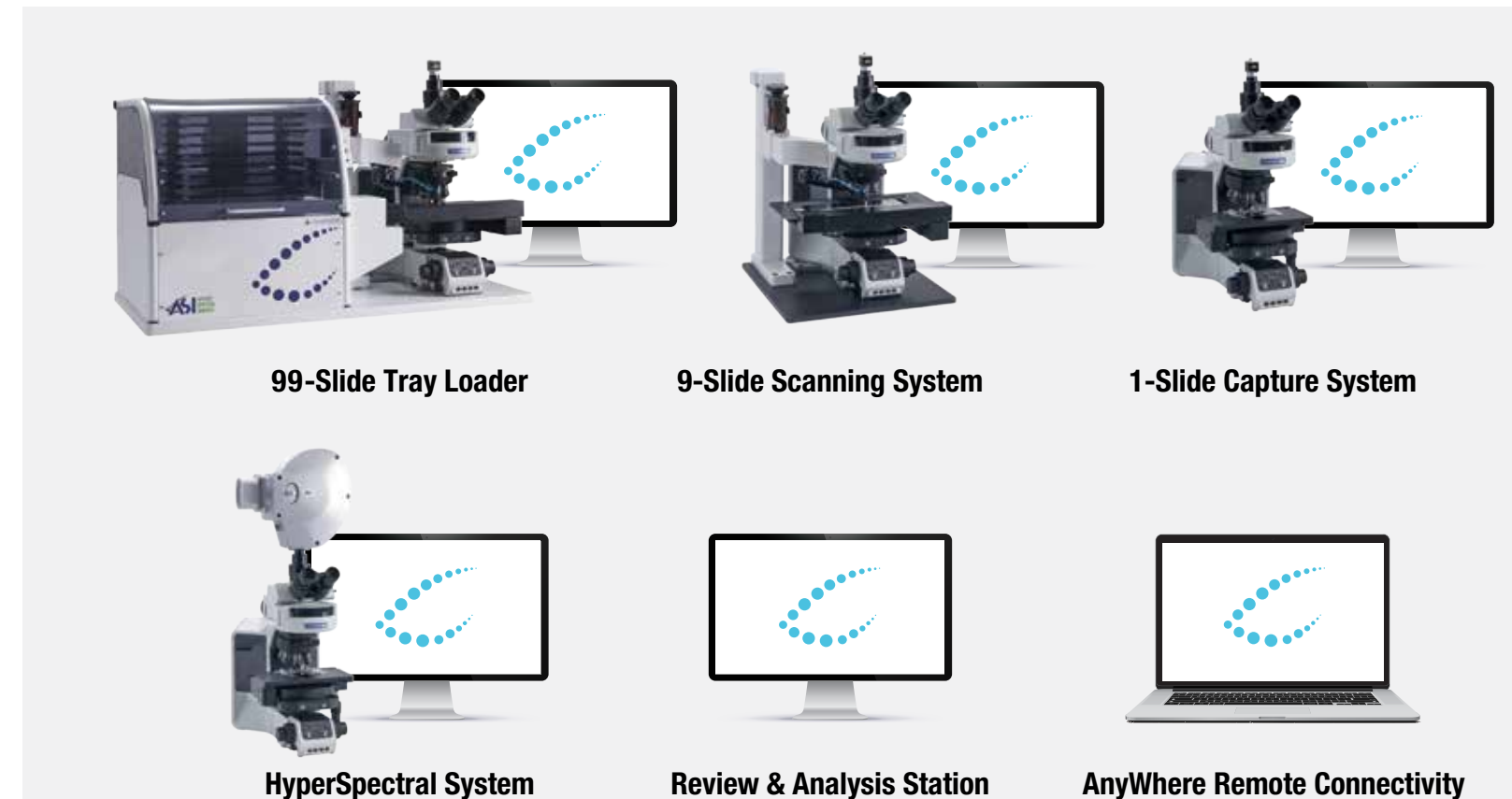


# Product Portfolio

Exceptional Imaging & Analysis Solutions for Laboratories



Diverse platforms to accommodate all laboratory needs

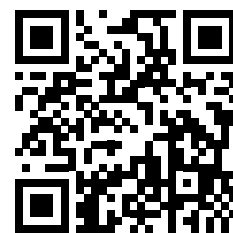


# System Configurations



	Manual 1 Slide		9 Slides		99 Slides	
Microscope Support	BF upright microscopes		OLYMPUS BX61 BF OLYMPUS BX63 BF ZEISS Axiomager Z2 BF		OLYMPUS BX61 BF OLYMPUS BX63 BF ZEISS Axiomager Z2 BF	
Objectives	Olympus 4x/0.16NA 20x/0.5NA 40x/0.75NA	ZEISS 5x/0.16NA 20x/0.5NA 40x/0.75NA	Olympus 4x/0.16NA 10x/0.3NA 20x/0.5NA	ZEISS 5x/0.16NA 10x/0.3NA 20x/0.5NA	Olympus 4x/0.16NA 10x/0.3NA 20x/0.5NA	ZEISS 5x/0.16NA 10x/0.3NA 20x/0.5NA
Camera	5MP CMOS Color		5MP CMOS Color		5MP CMOS Color	
Slide Capacity	1 slide		9 slides		99+ Slides	
Barcode	Handheld 1D/2D		Handheld 1D/2D		Integrated 1D/2D	
Dimensions (WxDxH)	According to client microscope		61cm x 69cm x 85cm		100cm x 90cm x 90cm	
Weight	According to client microscope		45 kg		80 kg	

SCAN ME



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