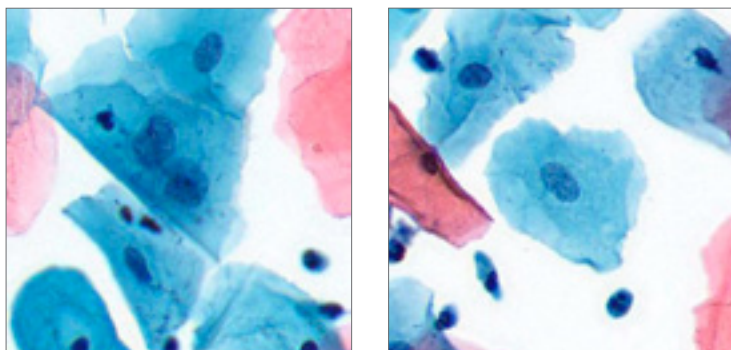
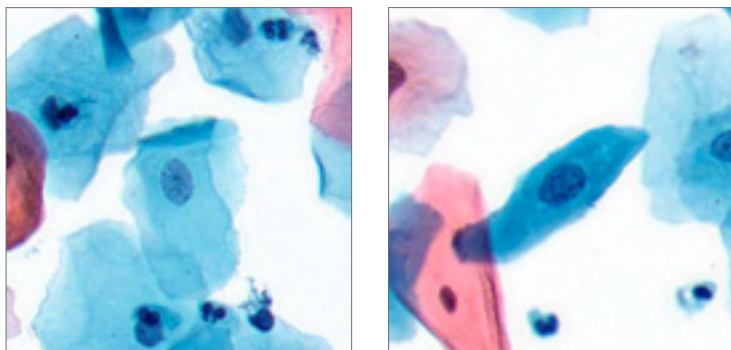
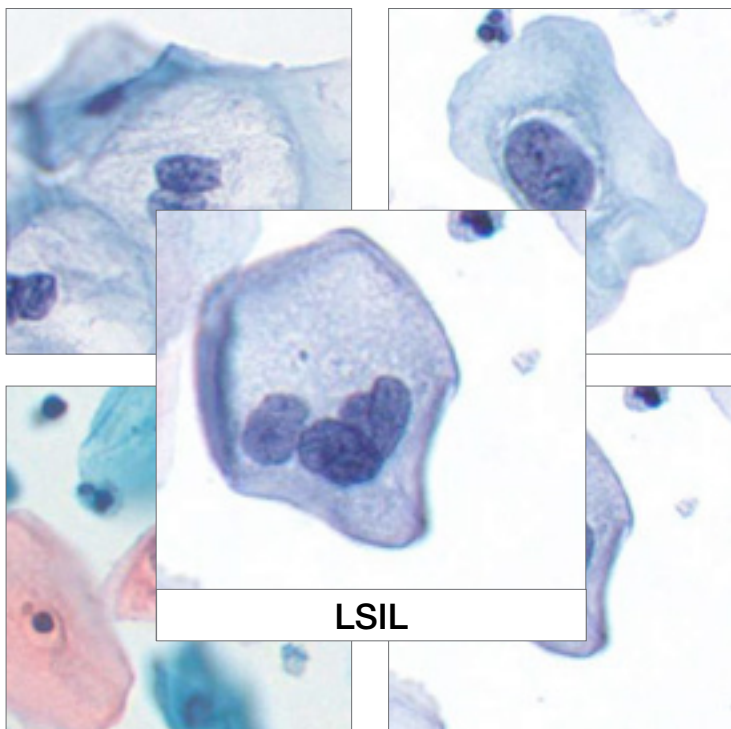


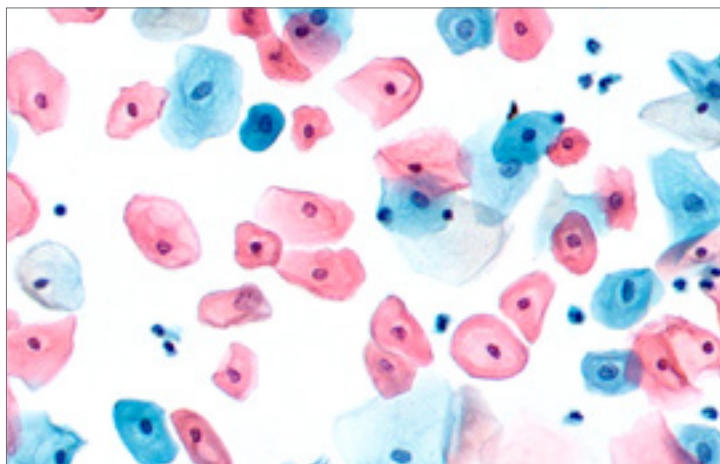
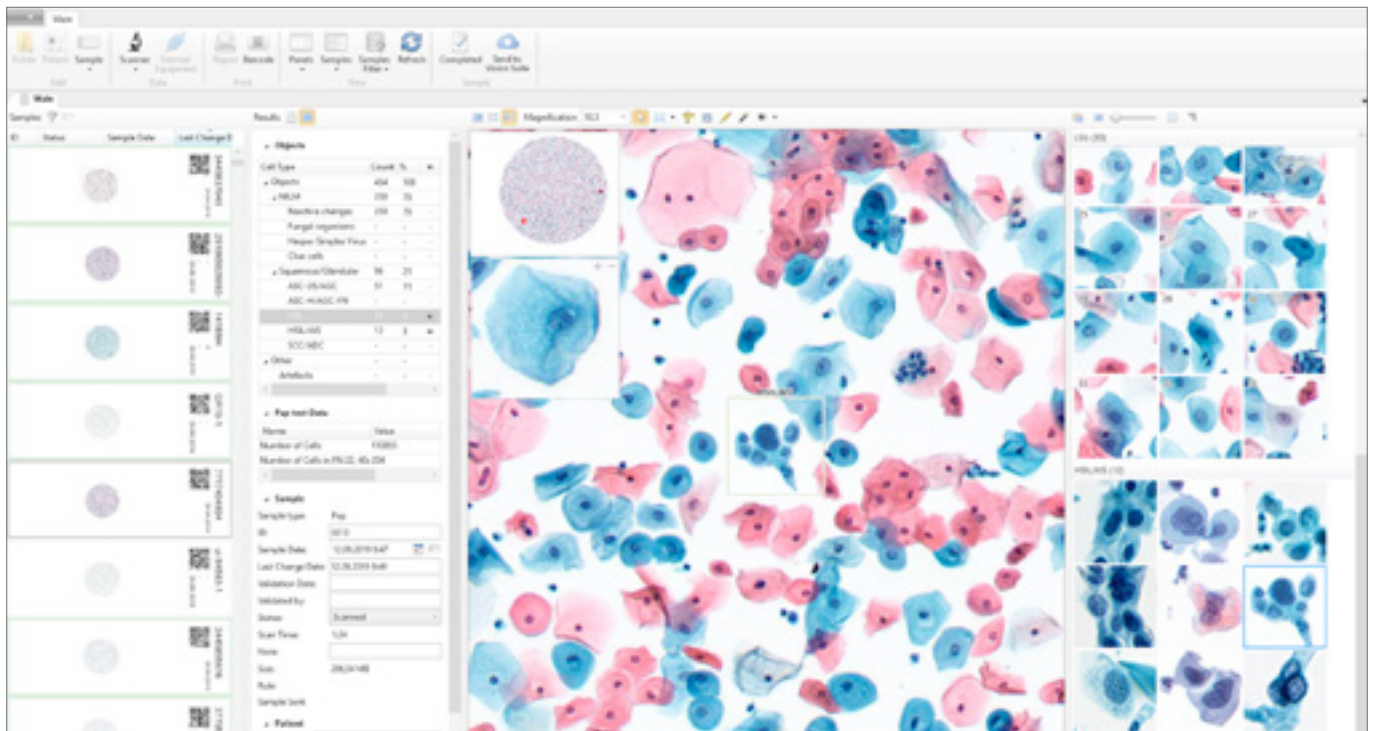
# Vision Xplorer

Automated cervical cytology



# Clinical Application Module

## Vision Cyto Pap

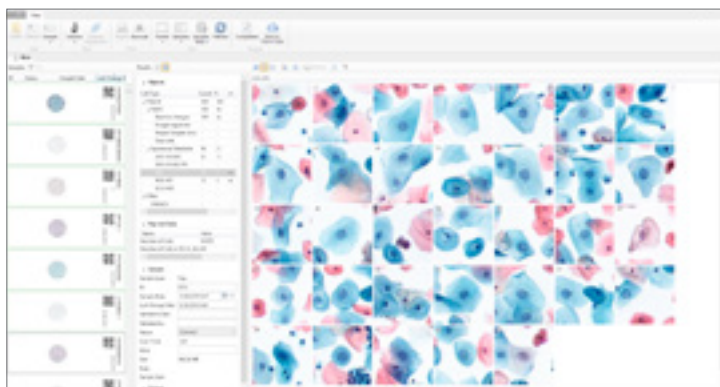


**Automation of cervical cytology.**

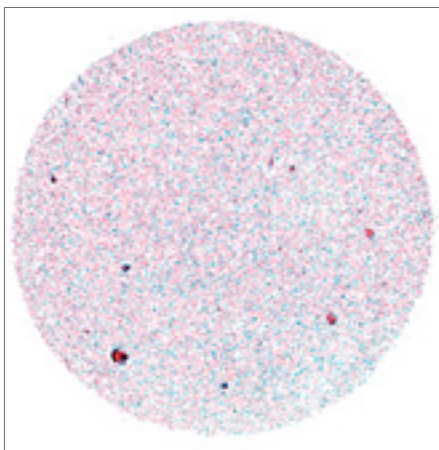
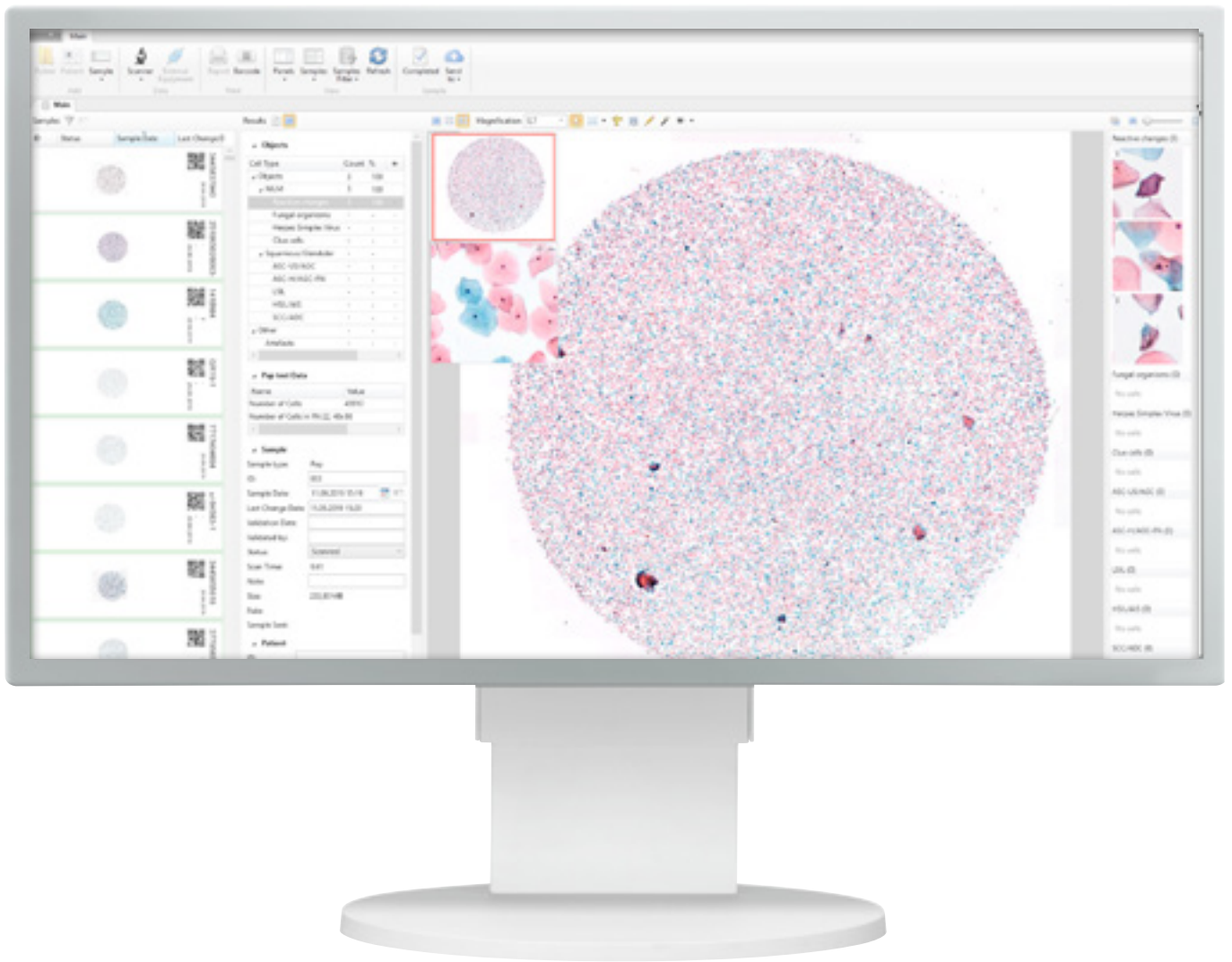
**Automatic pre-classification by Bethesda system.**

NILM  
Reactive changes

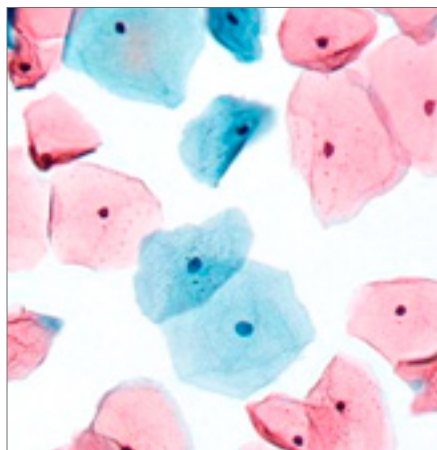
Squamous / Glandular  
— ASC-US / AGC  
— ASC-H / AGC-FN  
— LSIL  
— HSIL / AIS  
— SCC / ADC



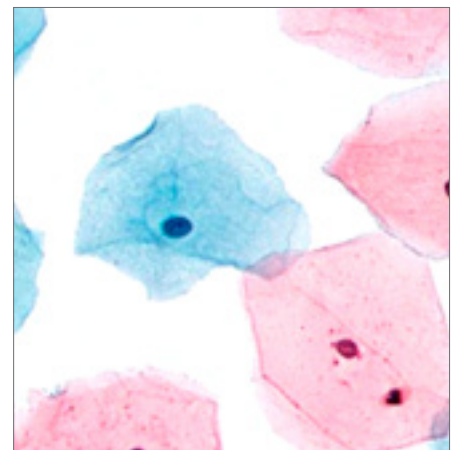
- Creating digital sample and cells gallery
- Database for archive management
- Bi-directional communication with LIS
- Pre-set cell atlas



Digital slide



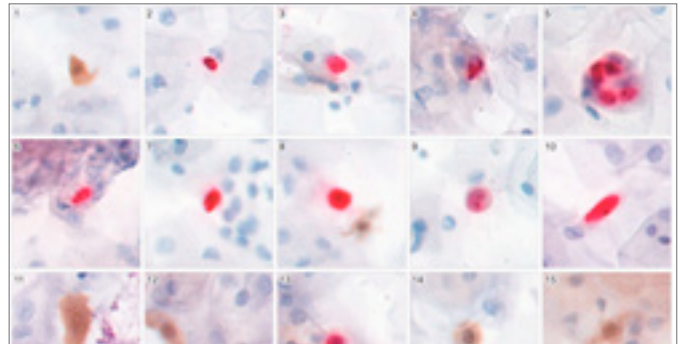
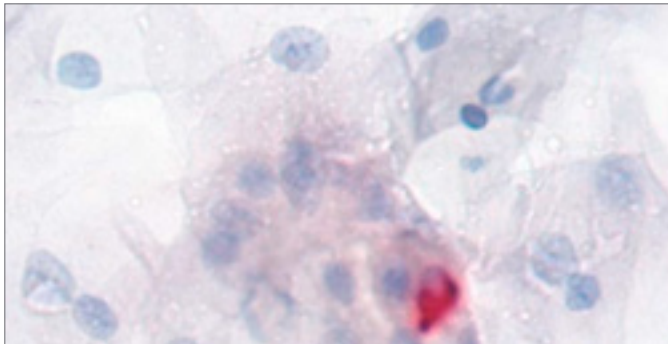
20x magnification



40x magnification

## Additional Modules

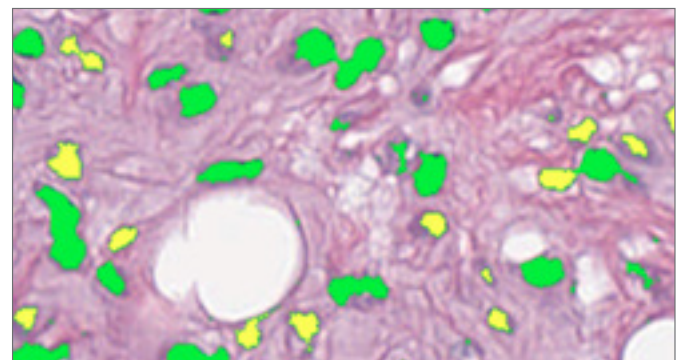
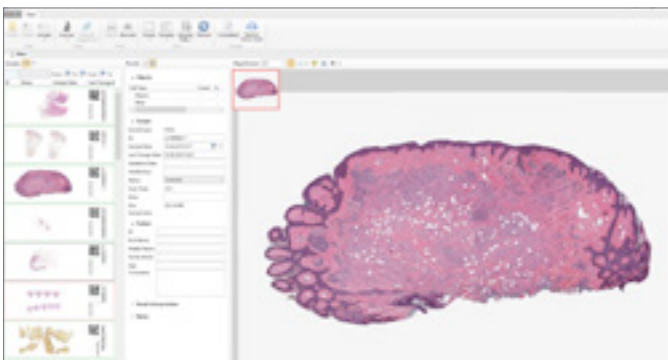
### Vision Cyto Pap ICC



#### Additional examination for cervical cytology

- Assessment of p16/Ki-67 protein expression
- Automatic identification and pre-classification of cells with cytoplasmic and nuclear expression: Low-positive, Positive

## Vision Slide



#### Additional module for histopathological examination

- Objects classification by specified criteria
- Automatic or manual object identification on the digital slide. Measurements of linear and optical parameters for particles
- Make your comments and put marks on a digital slide

## Artificial intelligence

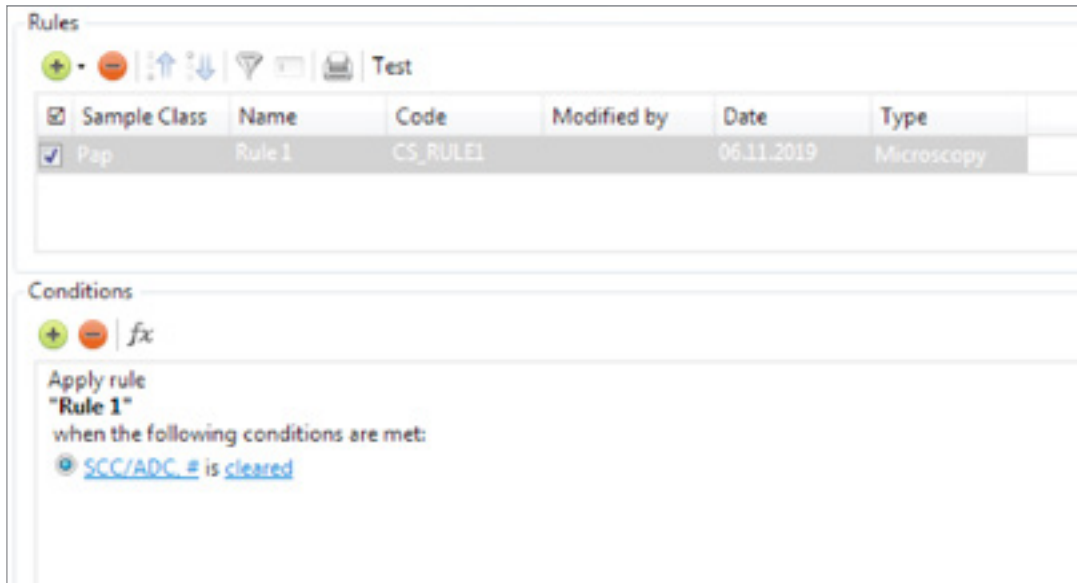


Artificial intelligence (AI) cumulates algorithms and technologies that allow computers to learn and solve intellectual tasks provided by humans.

AI speeds up processing and interpretation of data, and allows to efficiently perform the most comprehensive tasks, including medical image analysis.

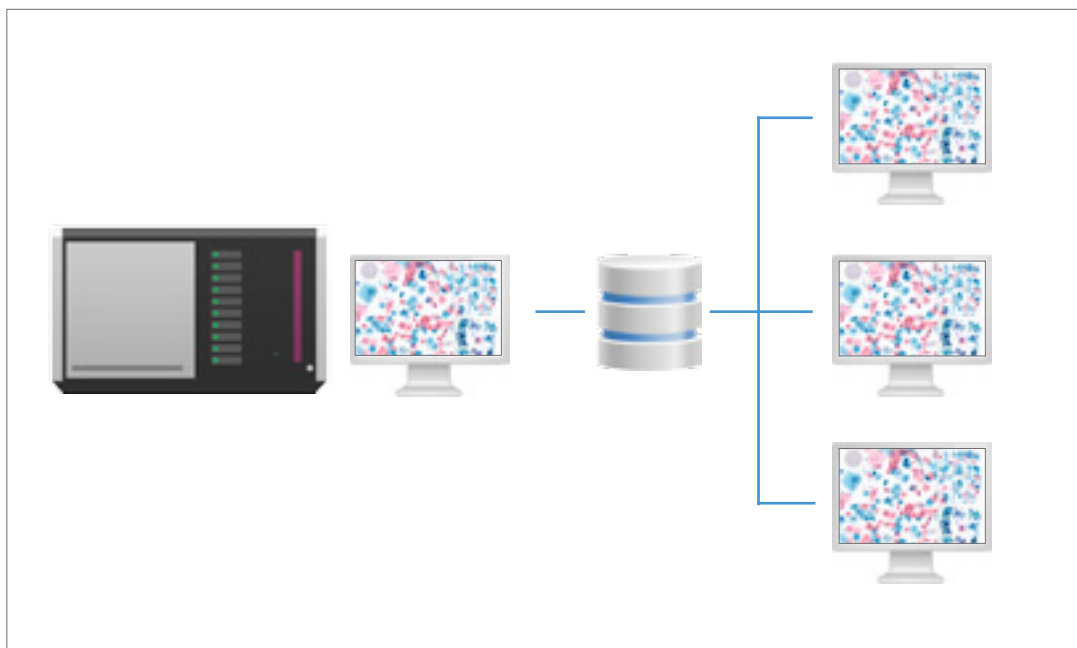
# Administrative Modules

## Vision Manager



Analysis procedure automation, data processing rules created by the specialist.

## Vision Remote



Remote workstation.

## Clinical applications

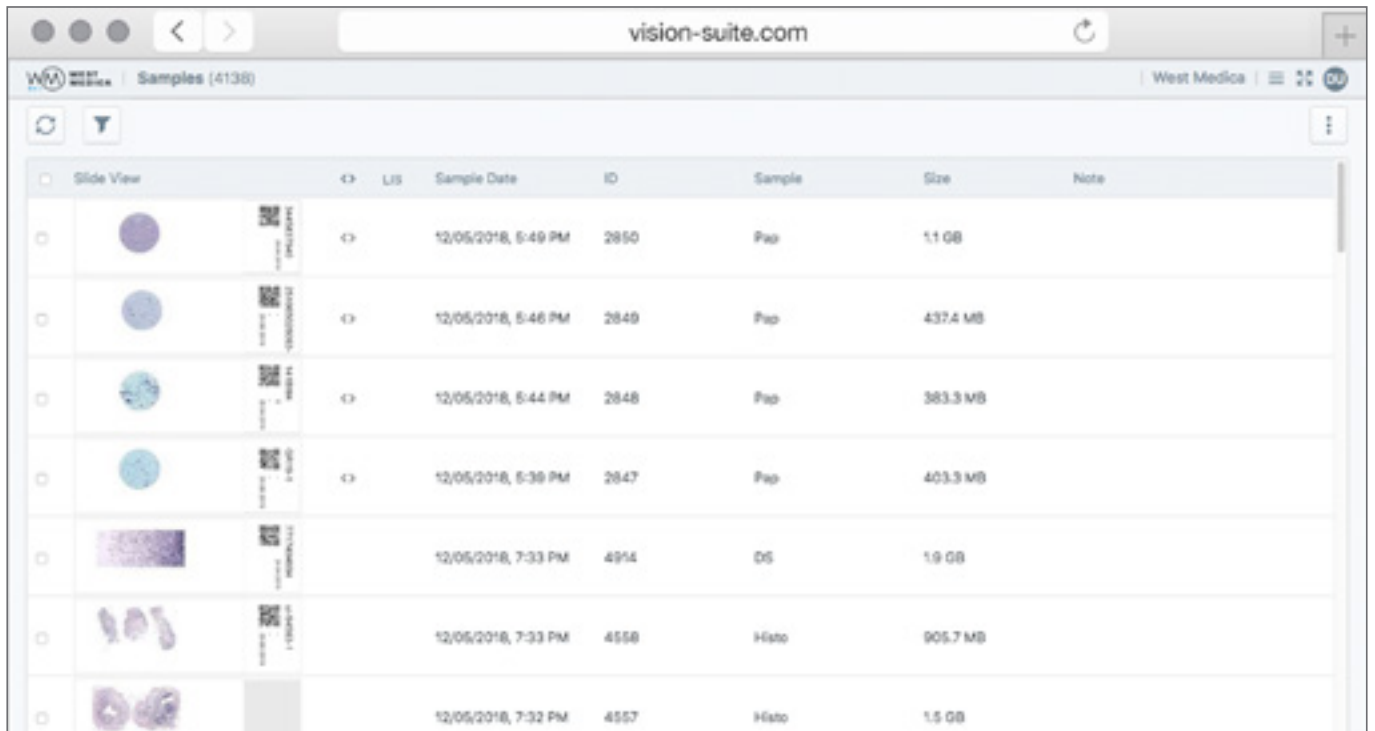


The latest developments of artificial intelligence provide a solution for the tasks connected with automation in digital microscopy.















Our technologies speed up the diagnostic process, reduce analysis time and lower subjectivity of the received results.

They improve the efficiency of laboratory routine operation, bringing better analysis in line with state-of-the-art standards.

# Consulting and Education Module Vision Suite

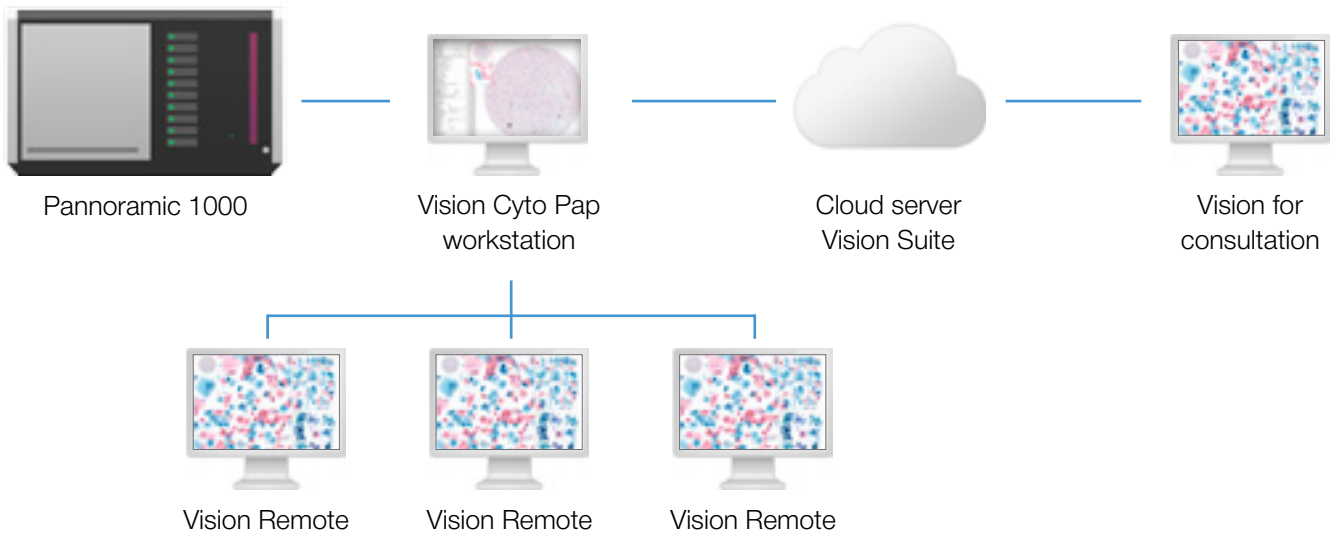


The screenshot displays the Vision Suite web interface. The browser address bar shows 'vision-suite.com'. The page header includes 'Samples (4138)' and 'West Medicine'. Below the header is a table with the following columns: Slide View, LIS, Sample Date, ID, Sample, Size, and Note. The table contains seven rows of sample data, each with a corresponding slide thumbnail and a QR code.

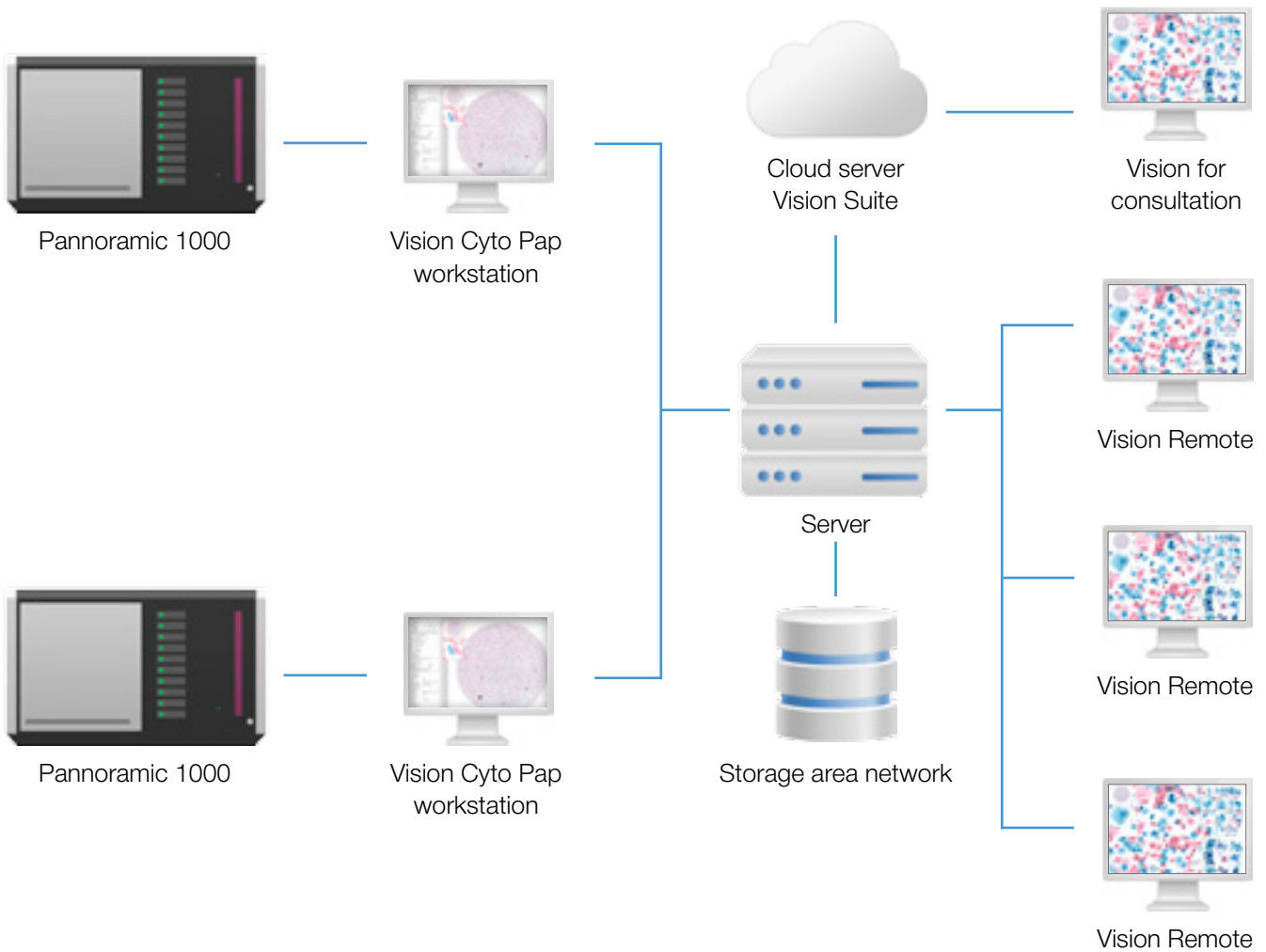
Slide View	LIS	Sample Date	ID	Sample	Size	Note
		12/05/2018, 5:49 PM	2850	Pap	1.1 GB	
		12/05/2018, 5:46 PM	2849	Pap	437.4 MB	
		12/05/2018, 5:44 PM	2848	Pap	383.3 MB	
		12/05/2018, 5:38 PM	2847	Pap	403.3 MB	
		12/05/2018, 7:33 PM	4914	DS	1.9 GB	
		12/05/2018, 7:33 PM	4558	Histo	905.7 MB	
		12/05/2018, 7:32 PM	4557	Histo	1.5 GB	

Cloud/server for telemedicine and remote consultations with colleagues.

# Integration example 1



# Integration example 2



# Specifications

## Vision Xplorer

Application module	<b>Vision Cyto Pap</b>
Additional modules	<b>Vision Cyto Pap ICC, Vision Slide</b>
Administrative modules	<b>Vision Manager, Vision Remote</b>
Consulting and education module	<b>Vision Suite</b>
Working modes	Queue, continuous and random access, STAT testing, 24/7
Scanning	Automatic scanning
Slide capacity	1000 slides
Slide handling	Automatic slide handling
Scanner	Slide scanner
Hardware	Personal computer, monitor
Slide identification	Built-in barcode reader
Optical system	20x
Microscopy method	Bright field
Illumination	Flashlight
Communication	Bidirectional LIS, LIS2-A2 (ASTM), HL7, Ethernet



Art. N.:	74503.03 (1000 slides)
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Other slide scanners on demand

Please check the intended use and the registration in your local regulation. Depending on the regulations of the respective region, some products may be used for research purpose only.

Pre-classification has to be validated by the specialist reviewing the galleries of cells. We reserve the right to change specification without notice.



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For distributor