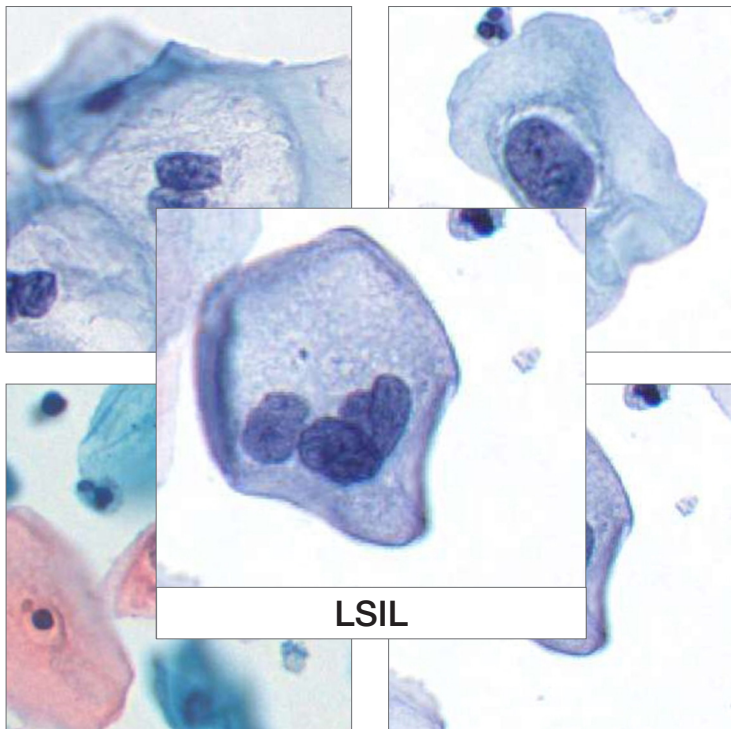
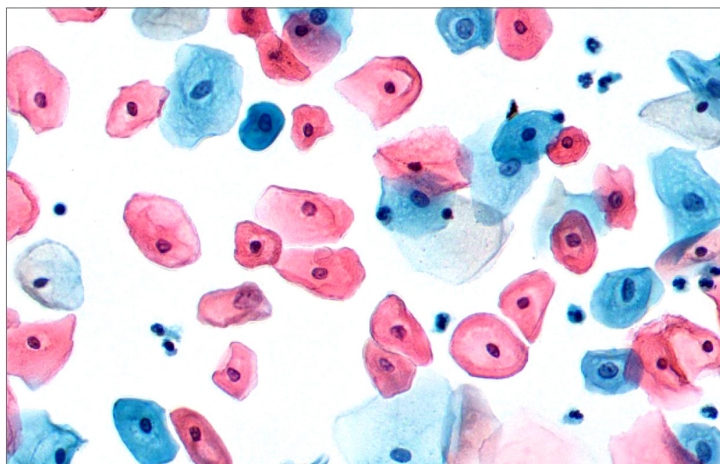
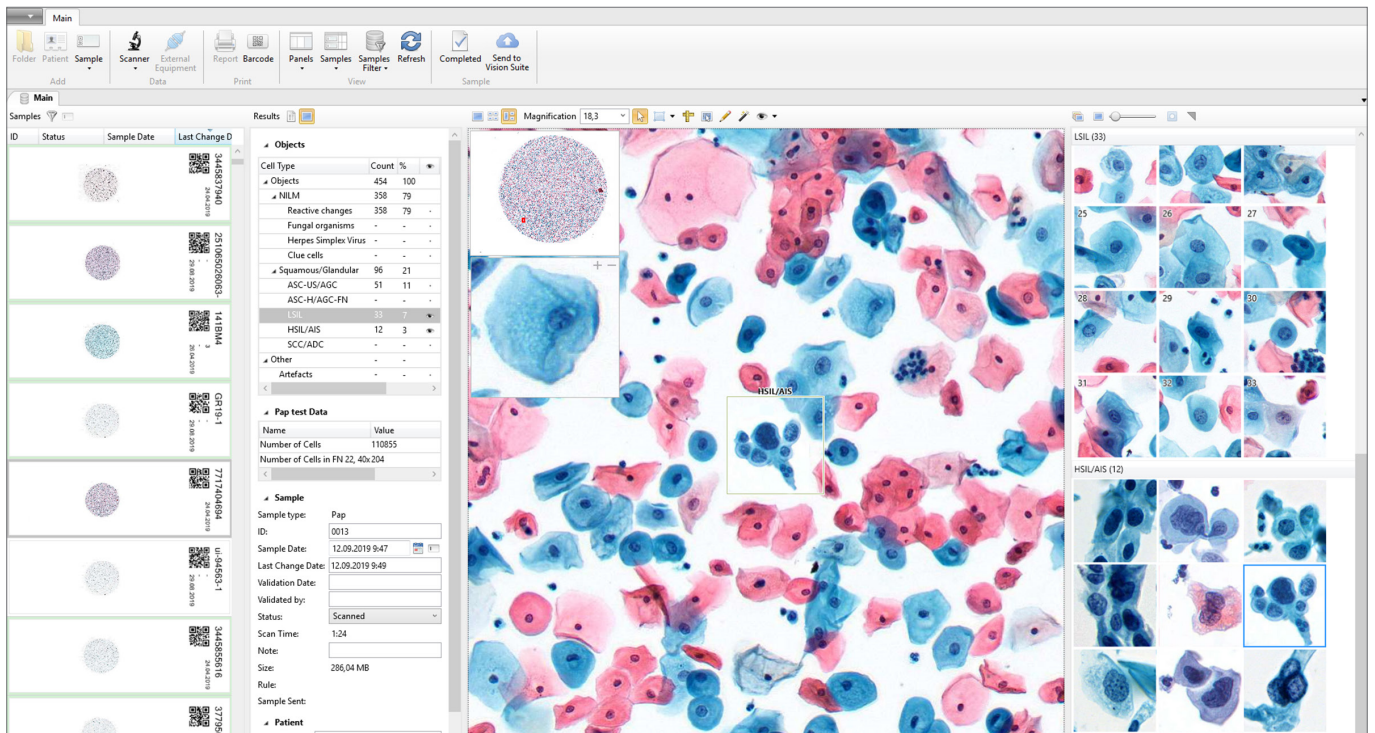


Vision Xplorer

Automated cervical cytology



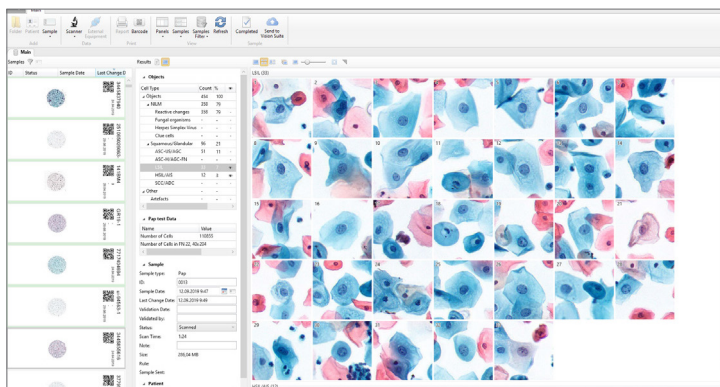
Clinical Application Module Vision Cyto Pap



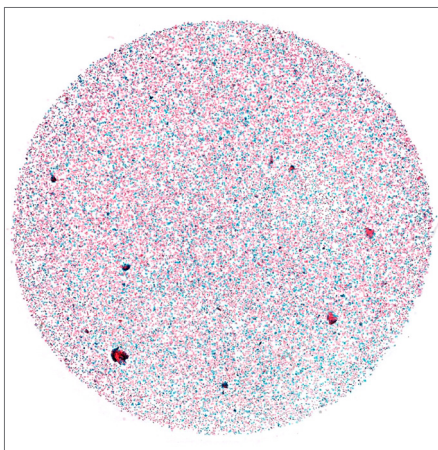
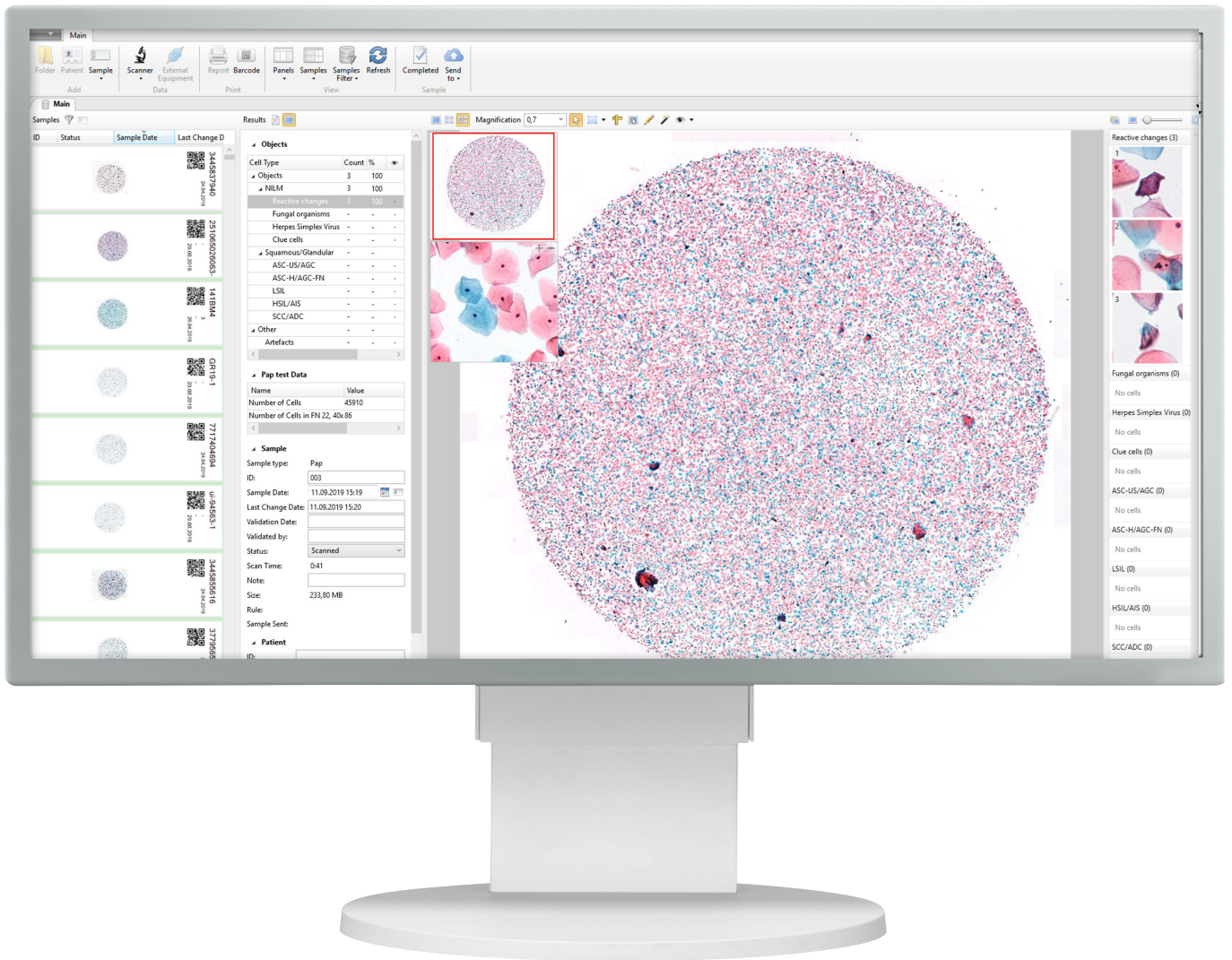
Automation of cervical cytology.

Automatic pre-classification by Bethesda system.

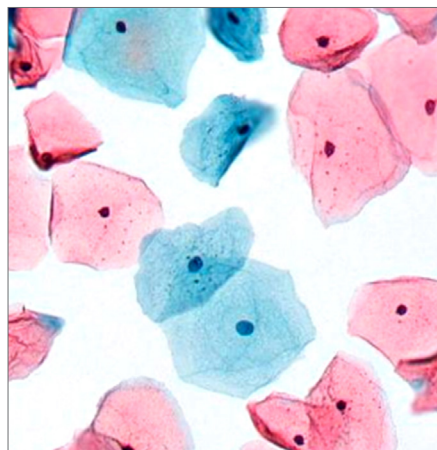
- NILM
- Reactive changes
- Squamous / Glandular
 - ASC-US / AGC
 - ASC-H / AGC-FN
 - LSIL
 - HSIL / AIS
 - SCC / ADC



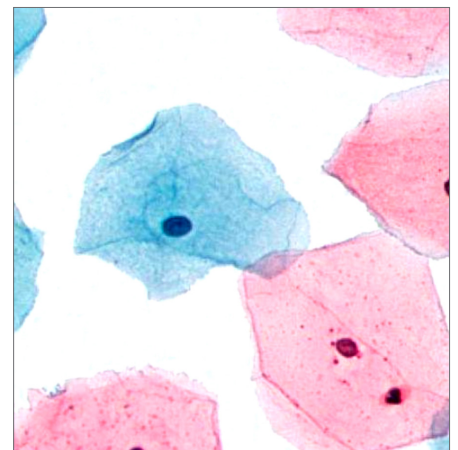
- Creating digital sample and cells gallery
- Database for archive management
- Bi-directional communication with LIS
- Pre-set cell atlas



Digital slide



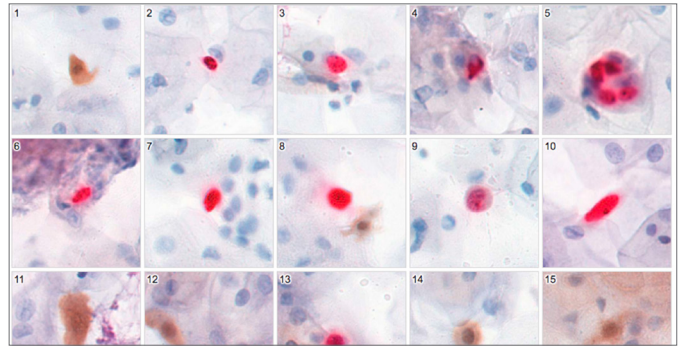
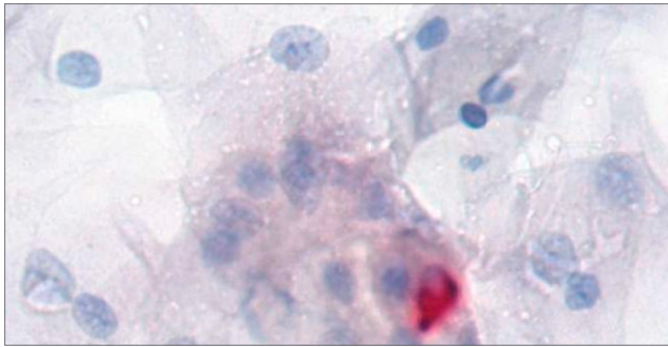
20x magnification



40x magnification

Additional Modules

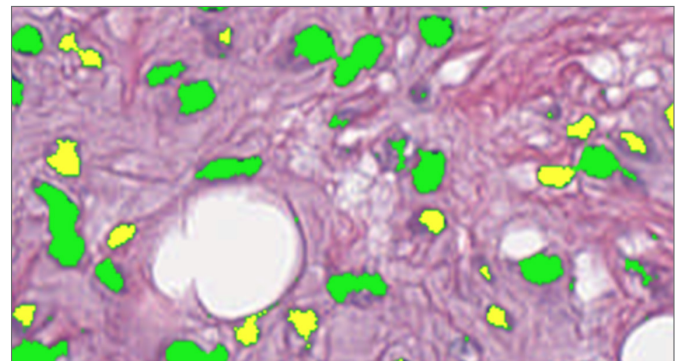
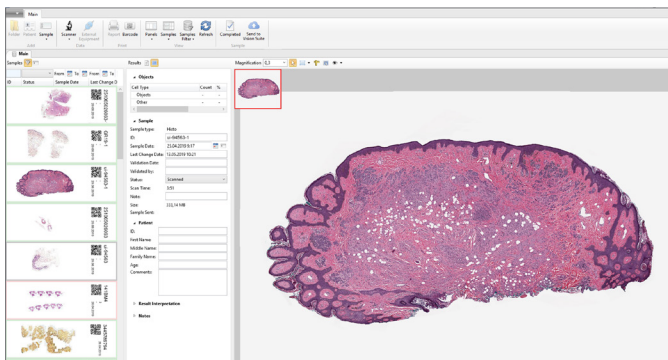
Vision Cyto Pap ICC



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

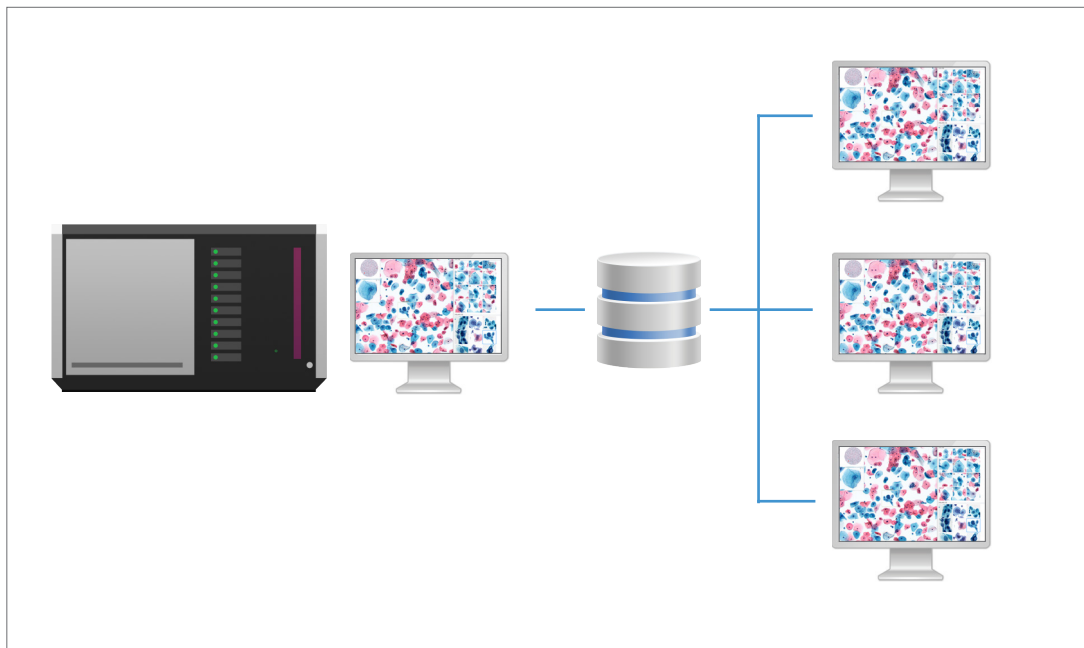
The screenshot shows the Vision Manager interface. At the top, there is a toolbar with icons for adding, deleting, and testing rules. Below the toolbar is a table with the following data:

Sample Class	Name	Code	Modified by	Date	Type
Pap	Rule 1	CS_RULE1		06.11.2019	Microscop

Below the table, there is a section titled "Conditions" with a plus sign, a minus sign, and a function symbol fx . The text reads: "Apply rule 'Rule 1' when the following conditions are met:" followed by a radio button and the text "SCC/ADC, # is cleared".

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

Vision Remote



Remote workstation.

Clinical applications

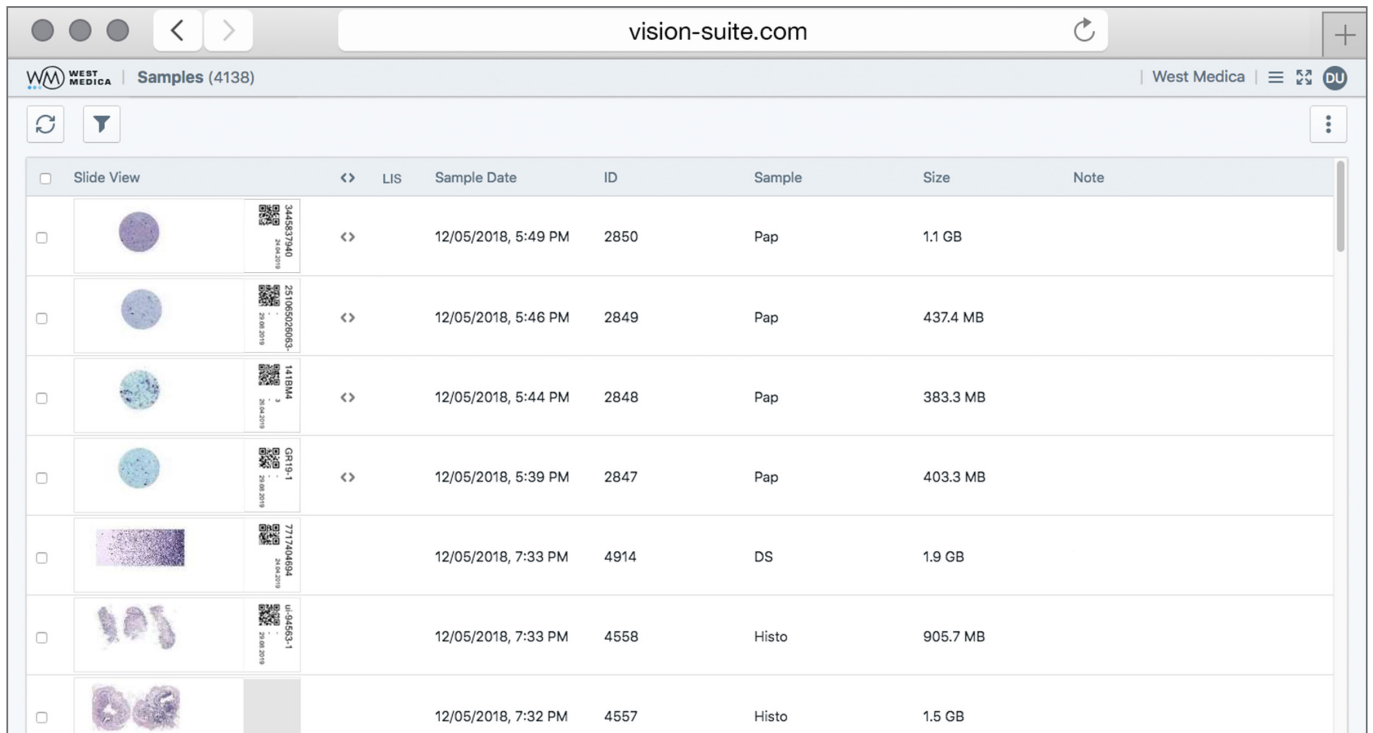


The latest developments of artificial intelligence provide a solution for the tasks connected with automation in digital microscopy.















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

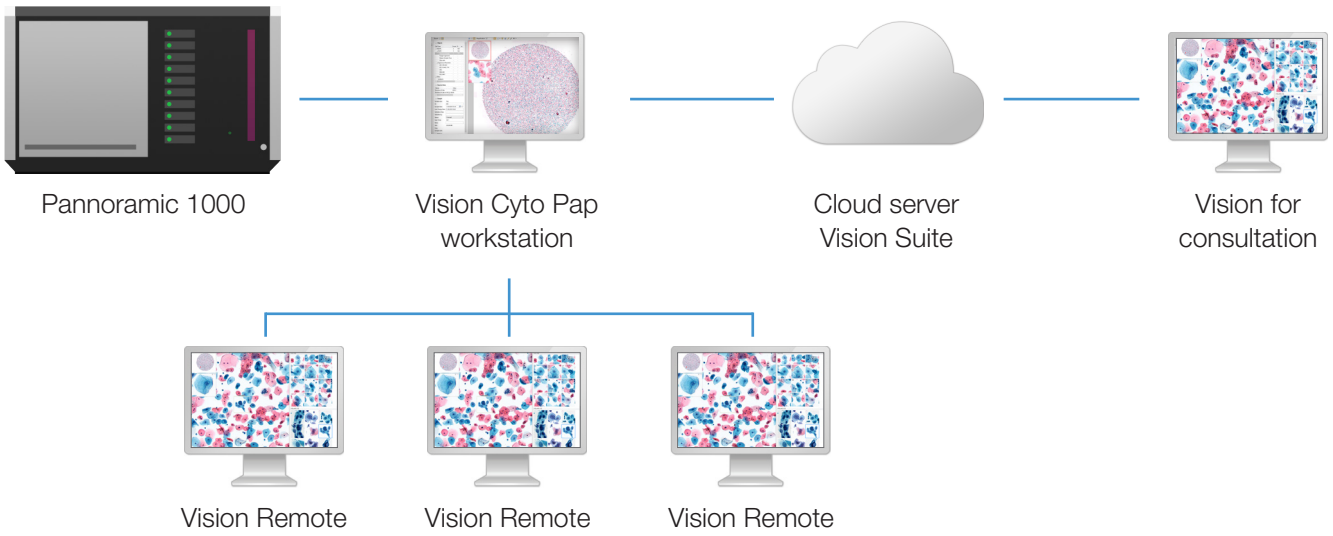


The screenshot displays the Vision Suite web interface. At the top, the browser address bar shows 'vision-suite.com'. The page header includes the West Medica logo and 'Samples (4138)'. Below the header, there is a table with columns for 'Slide View', 'LIS', 'Sample Date', 'ID', 'Sample', 'Size', and 'Note'. Each row contains a thumbnail of a slide, a QR code, and the corresponding data for that sample.

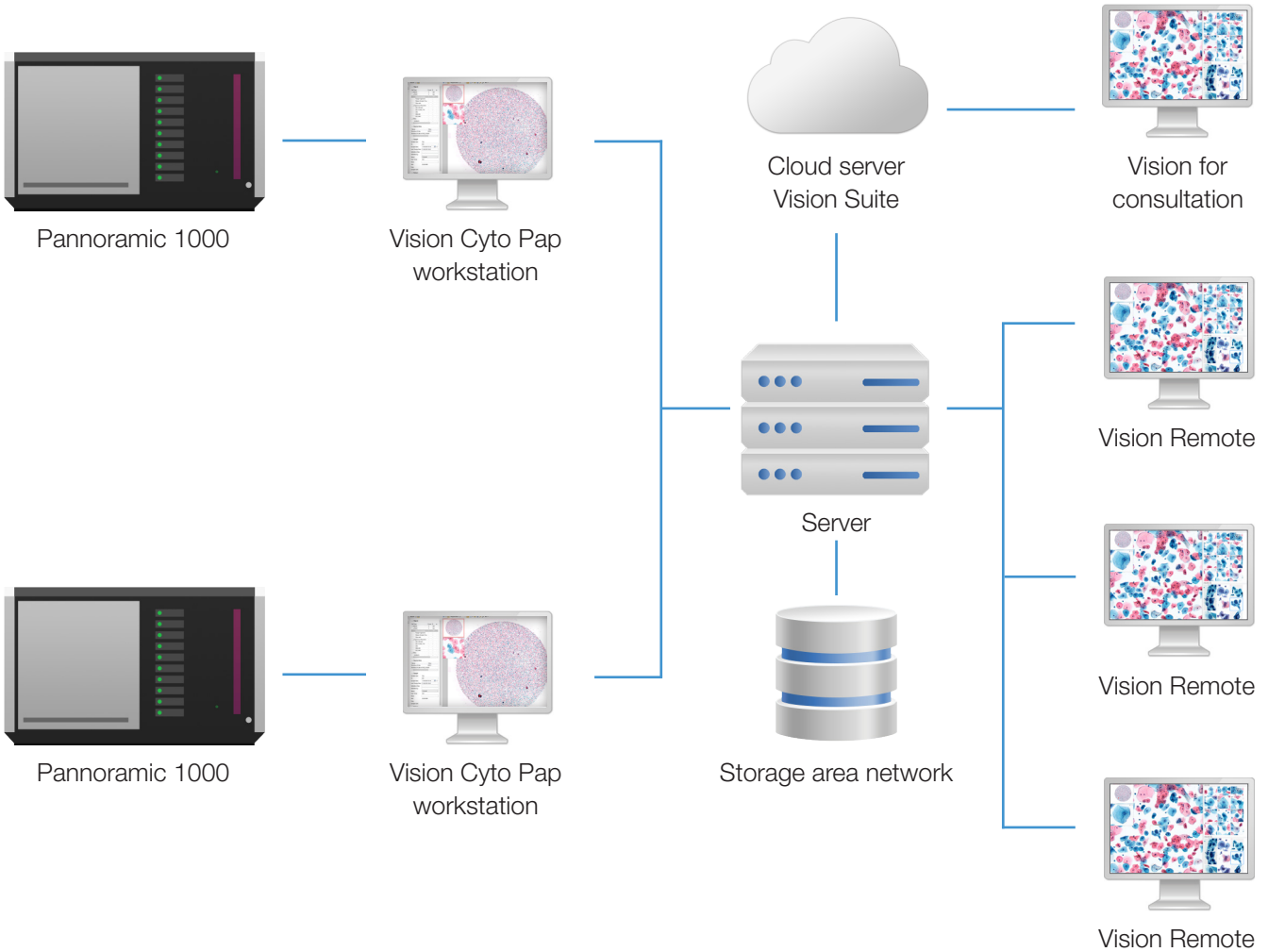
<input type="checkbox"/>	Slide View	LIS	Sample Date	ID	Sample	Size	Note
<input type="checkbox"/>			12/05/2018, 5:49 PM	2850	Pap	1.1 GB	
<input type="checkbox"/>			12/05/2018, 5:46 PM	2849	Pap	437.4 MB	
<input type="checkbox"/>			12/05/2018, 5:44 PM	2848	Pap	383.3 MB	
<input type="checkbox"/>			12/05/2018, 5:39 PM	2847	Pap	403.3 MB	
<input type="checkbox"/>			12/05/2018, 7:33 PM	4914	DS	1.9 GB	
<input type="checkbox"/>			12/05/2018, 7:33 PM	4558	Histo	905.7 MB	
<input type="checkbox"/>			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	Vision Cyto Pap
Additional modules	Vision Cyto Pap ICC, Vision Slide
Administrative modules	Vision Manager, Vision Remote
Consulting and education module	Vision Suite
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.

We reserve the right to change specification without notice.



West Medica Produktions- und Handels-GmbH
Brown-Boveri-Straße 6, B17-1
2351 Wiener Neudorf, Austria
tel.: +43 (0) 2236 892465, fax: +43 (0) 2236 892464
vienna@westmedica.com, www.wm-vision.com

Official Distributor