



# Aperio -Definiens Digital Pathology Solutions

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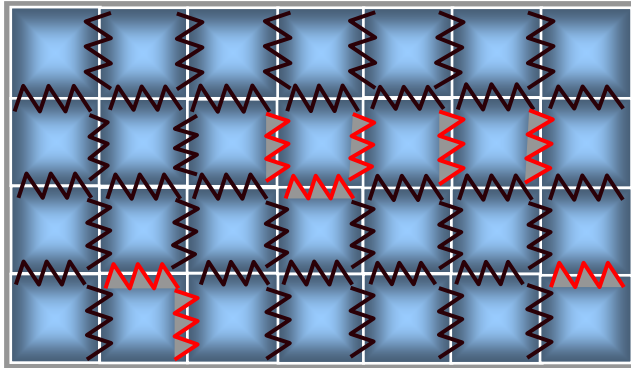
[www.aperio.com](http://www.aperio.com)

# Agenda

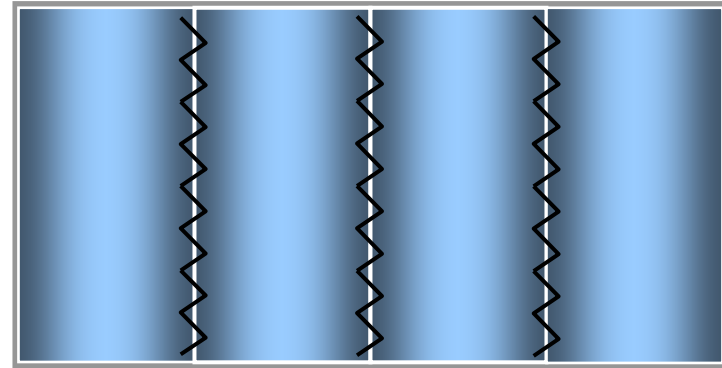
- **Aperio Digital Pathology Solutions:**
  - **Scanning**
  - **MANAGE:** Spectrum™ Plus Data & Image Management
  - Spectrum Plus Live Demo
  - **Tissue Studio Overview**
  - Live Demo of Tissue Studio Workflow
  - Questions and Answers Session

# Aperio Slide Scanning Technical Advantages

## Image Tiling (Others)



## Line Scanning (Aperio)



- Scan Speed (> 100x more tiles than stripes)
- Inherently Superior Image Quality
  - Fewer optical aberrations
  - Fewer “seams”
  - More frequent focus adjustments
  - True color

# Digitization of Glass Slides

Automated High-Speed, High Quality Scanning of Whole Slides

## ScanScopes®



**XT\***

120 Slides 20x/40x



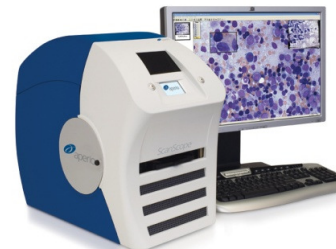
**CS\***

5 Slides 20x/40x



**AT**

400 Slides 20x/40x



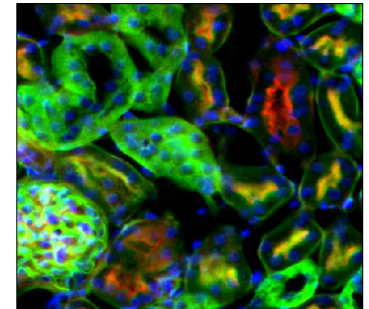
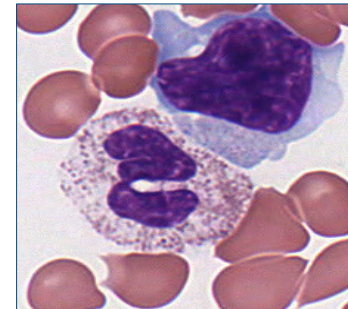
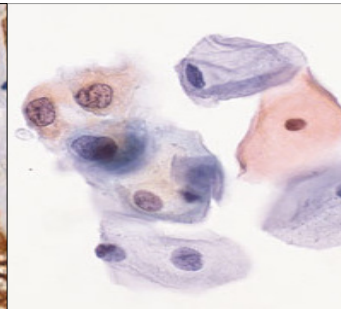
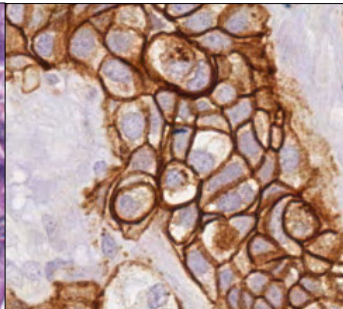
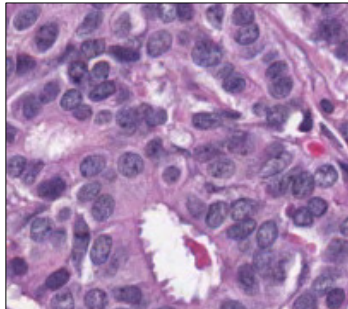
**OS**

100x Oil



**FL**

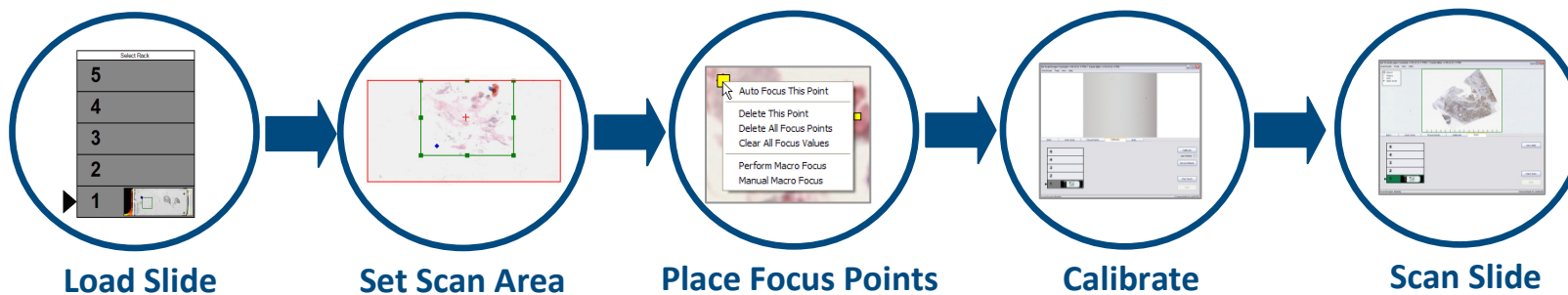
Fluorescence 20x/40x



\* 2 x 3 slide scanning option

view digital slides with **ImageScope™**

# Slide Scanning Workflow



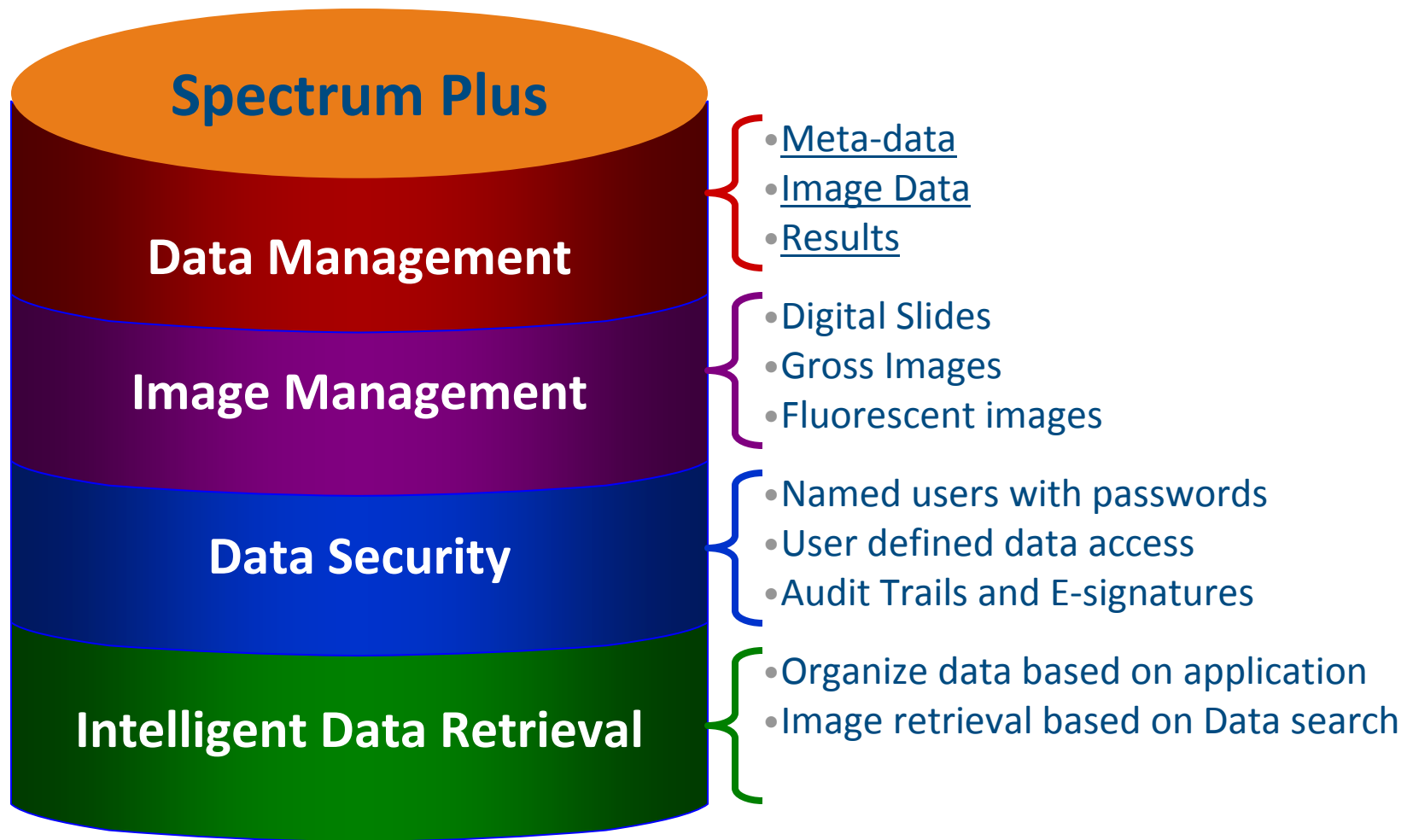
# Aperio Digital Pathology Solutions

## Spectrum™ Plus Data Management

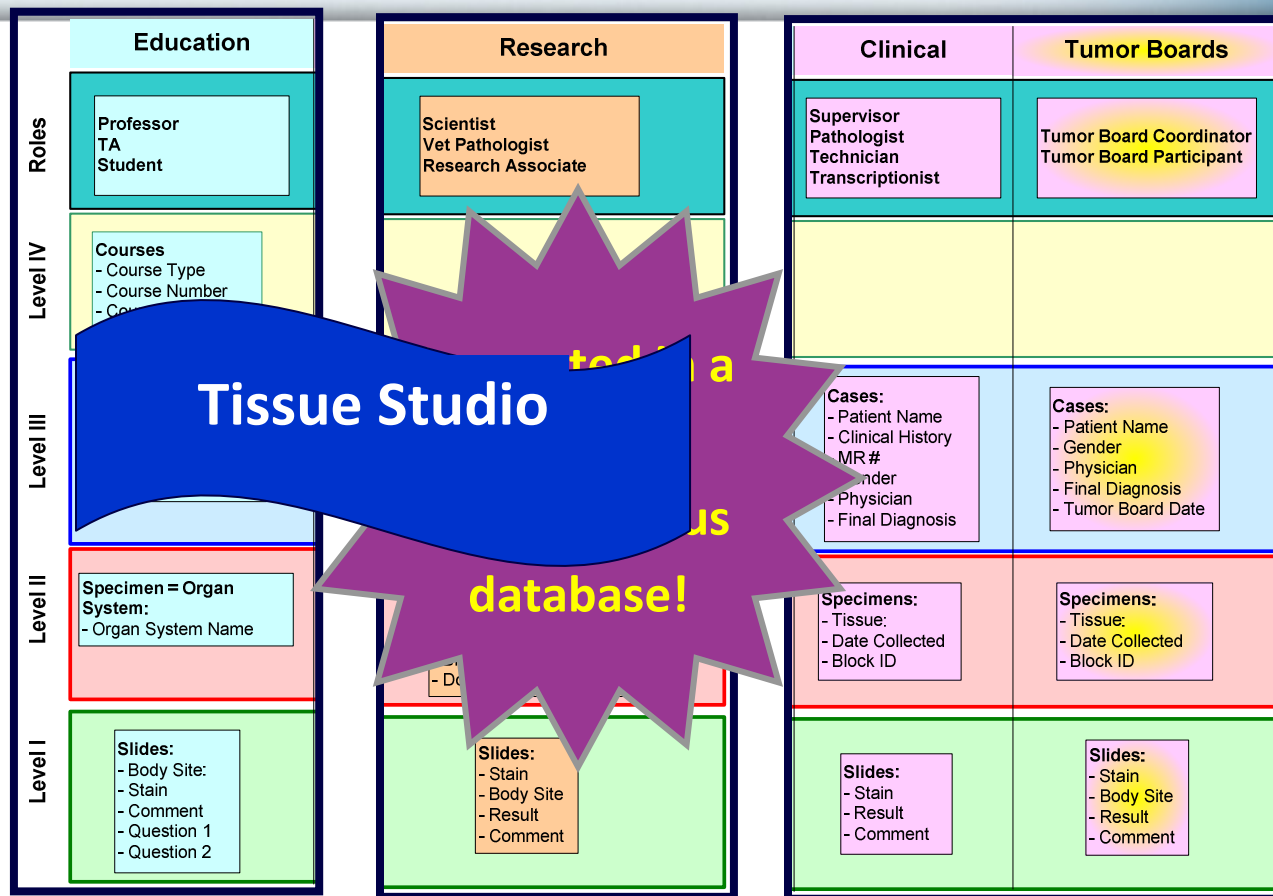
# Spectrum™ Plus

- **Universal Digital Pathology Platform**
  - Web based
  - Customizable organization of images and information
  - Supports many image types
  - Integrates with many other systems

# Spectrum Features



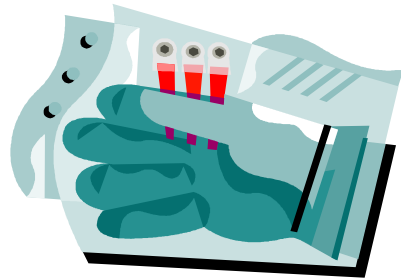
# Spectrum Plus Rel 11 Role Based Hierarchies



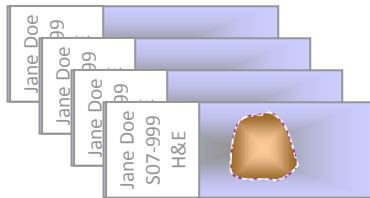
# Spectrum Plus Research



Project information



Project Specimen information



Specimen Digital Slide information

Spectrum  [Advanced Search](#)

Projects Specimens Digital Slides TMA Blocks Analysis Second Slide Administrative Help Log off

[Save](#) [Reset](#)

Last Change on [2011-01-20](#), Reason for Change: Update - updated the species type

### Project Details

[View from Project Level](#)

Project ID:

Project Name:

Species:

Compound:

Status:

Dose:

Notes:

Data Group:

Shared Date:

Shared By:

[Share on SecondSlide](#) [What is SecondSlide?](#)

- Project Attachments
- Project Reports
- Project ESignature History

### Specimen Details

[< Previous Specimen](#) | [Specimen List](#) | [Add New Digital Slide](#) | [Add Existing Digital Slide](#) | [Assign To New Project](#) | [Assign To Existing Project](#) | [Next Specimen >](#)

Accession Number:

Body Site:

Animal ID:

Gross Description:

Compound:

Species:

Dose:

Data Group:

- Specimen Attachments
- Specimen Gross Image
- Specimen TMA Cores

(No data to display)

### Specimen Digital Slides

[View Images](#) | [Open Data](#) | [Analyze](#) | [Delete](#) | [Unassign](#) | [Move](#) | [Copy](#) | [Export Data](#) | [Annotations](#) | [View Audits](#)

<input type="checkbox"/>	Label	Image	Report Image	Barcode ID	Include in Report	Spectrum Slide ID	Stain
<input type="checkbox"/>			<input type="checkbox"/>	<input type="text" value=""/>	<input type="checkbox"/>	<a href="#">91</a>	H&E
<input type="checkbox"/>			<input type="checkbox"/>	<input type="text" value=""/>	<input type="checkbox"/>	<a href="#">90</a>	H&E