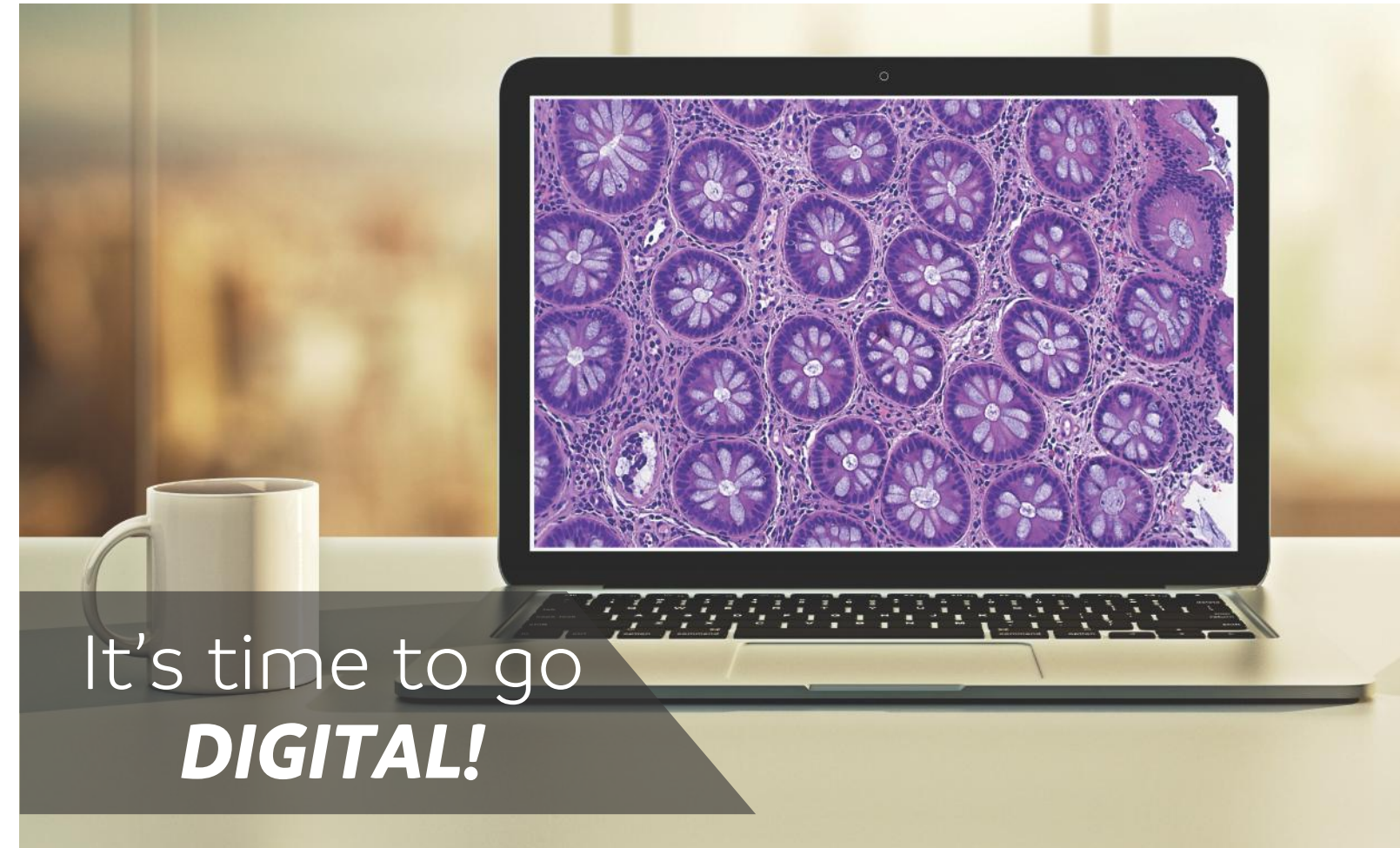
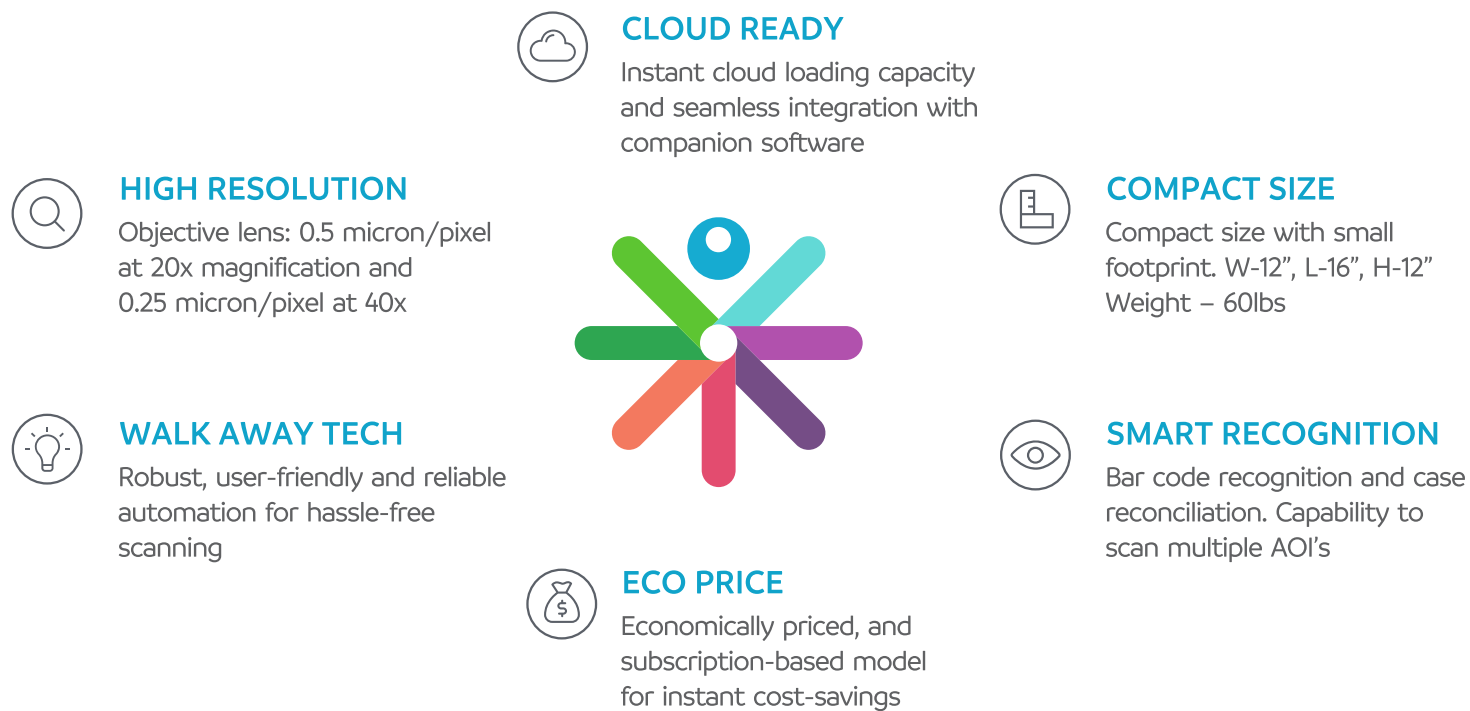


Key Features

Comprehensive package for effective acquisition, viewing, analysis and management of digital slides and associated metadata



Advantages of OptraSCAN® Digital Pathology offerings:

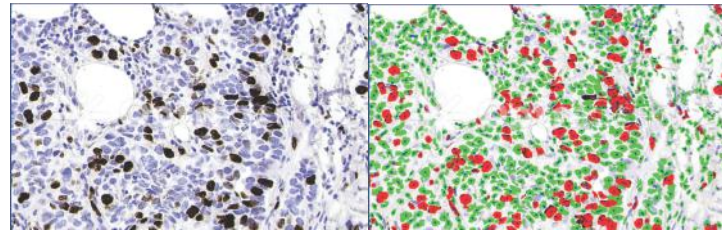
- Provides the pathologist community much-needed flexible working model with minimum upfront investment
- Allows users to focus on their core areas of working without any technological and operational burdens
- Promotes easy scalability & integration within the user's existing eco-system
- Augments efficient workflows for multi-site collaboration, anytime & anywhere access
- Enables integrated real-time remote connectivity for expert opinions & consultations
- Offers great opportunities for education, research and supervision
- OptraSCAN® desktop scanning systems that enables research & clinical users

OptraSCAN® is an end-to-end digital pathology solution provider; focused on delivering fully integrated, cloud-based affordable desktop scanning systems and solutions that can maximize your return on investment and improve the performance of your pathology services.

OptraSCAN's digital pathology system comprises of small-footprint, low and high throughput WSI scanners that are well-equipped for confocal, brightfield, fluorescence and frozen sections/live view mode, integrated software and automated image analysis solutions that serve as the perfect tool for transition from conventional microscopy to Digital Pathology. We provide effective acquisition of whole slide images, viewing, storing, real time sharing & reporting via subscription or outright purchase model.

AI & ML BASED IMAGE ANALYSIS SOLUTIONS for accurate, rapid and reproducible assessment

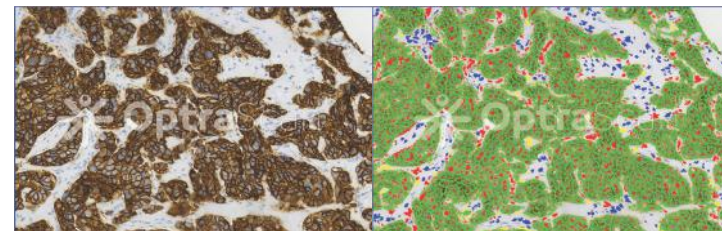
Nuclear Biomarker



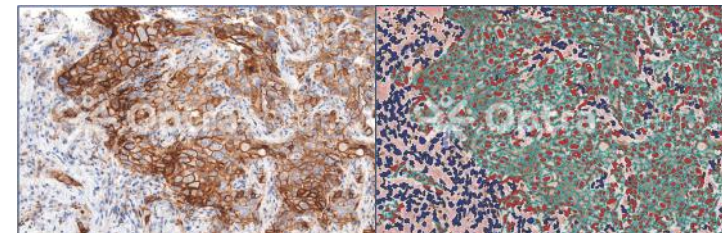
- Identification of optical density vectors
- Computer assisted whole-slide & Regions of Interest assessment for quantification of nuclear algorithm
- Easily tunable training & classifying modules
- Generation and quantification of clinically relevant data for each case
- Batch processing and single slide analysis

Membrane Biomarker

- Powerful stain separation and membrane detection algorithm
- Easy-to-use membrane pixels validation for cytoplasmic staining removal
- Accurate and detailed score generation
- Computer assisted whole-slide and Regions of Interest assessment for membrane marker quantification



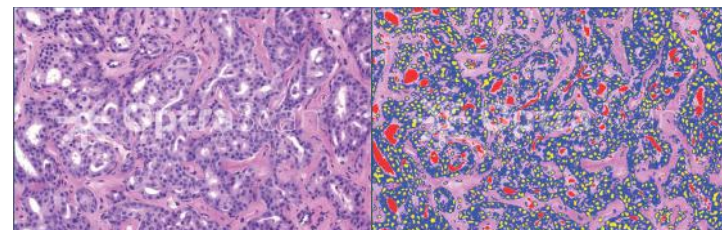
Immuno-Oncology



- Fully automated solution for interpretation of PD-L1 IHC expression
- Score generation based on the number of PD-L1 positive cells in relation to total tumor and immune cells in a single read
- Computer aided region detection system based for automated evaluation of tumor nests

Prostate Cancer

- End to end, fully automated solution for prostate cancer
- ANN (artificial neural network) based classifier
- ML based histological assessment of architectural patterns



OS-FS

- Cloud-enabled 7 slide Frozen Sections scanning
- Desktop Scanning
- 10x Scanning. 20x live view
- Live view mode during scanning

OS-15 & 120

- Cloud-enabled 15-120-slide Brightfield
- Desktop Scanning
- 20x & 40x magnification
- Able to batch run indefinitely w/ 8-cartridge carousel

OS-FL

- Cloud-based 15 slides FL & Brightfield scanning
- 20x & 40x magnification
- 16 filter cubes for efficient multiplex imaging
- 15 slots for FL, 1 for Brightfield

OS-CFL

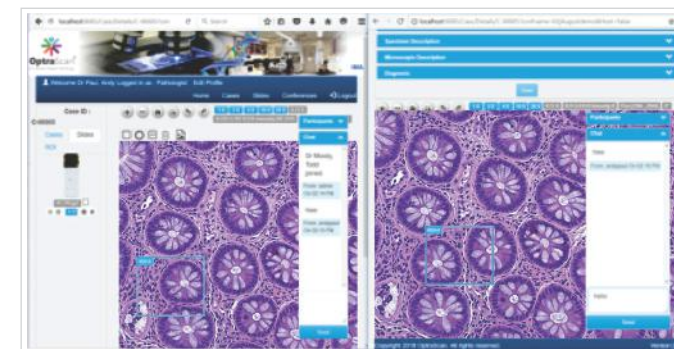
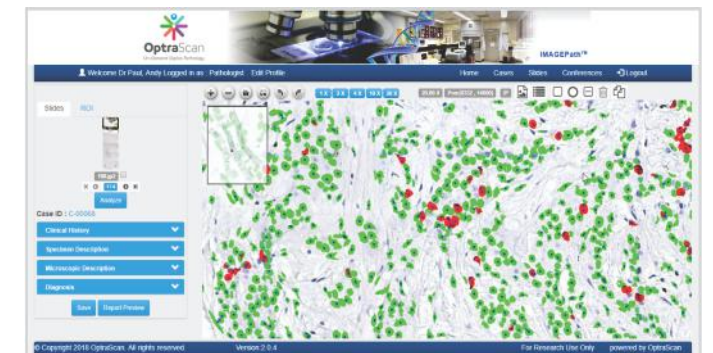
- 20 Color confocal, 30 color FL & Brightfield scanning
- Motorized objective changer upto 50x magnifications
- 300 slides, cloud enabled with remote access & virtual slide viewer

INTEGRATED SOFTWARE

IMAGEPath®

Web-based Image Management and Viewing

- Image sharing, collaboration and storage security
- Pan, zoom, annotate, generate reports
- User authentication and “role-enabled” access
- Image Analysis plug-in available



TELEPath™

Real-time Digital Conferencing

- Real-time sharing/collaboration
- Interactive chat
- Audit trail functionality
- iOS and Android based applications