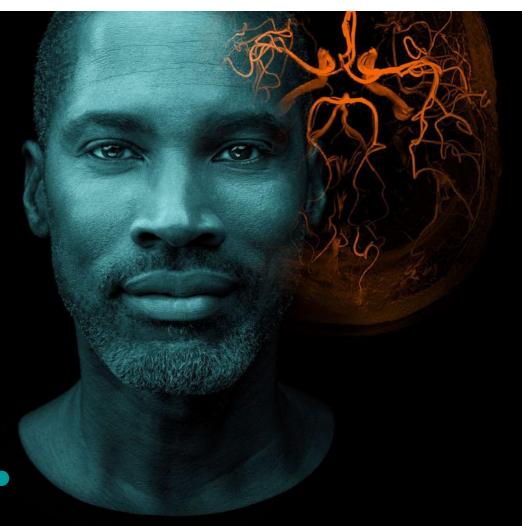
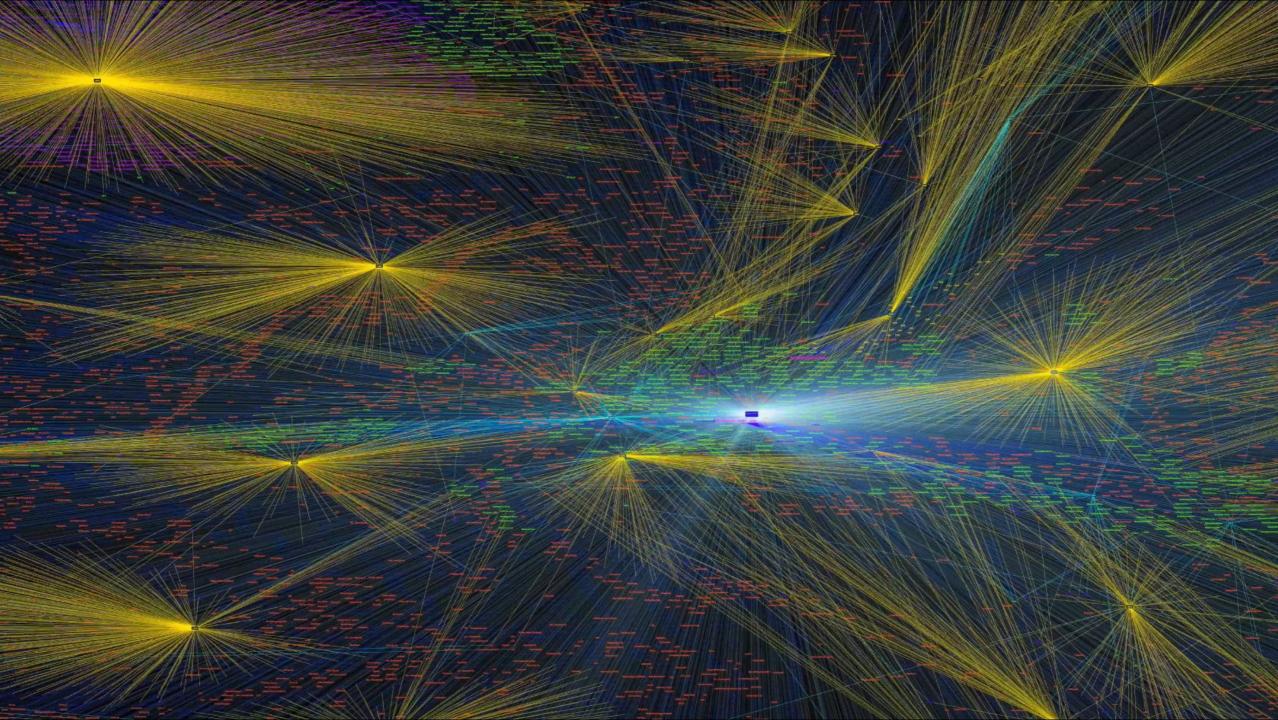


Leveraging All Benefits of Digital Transformation in Pathology

René Kittl Digital Solution Expert for Data Management & Digital Pathology

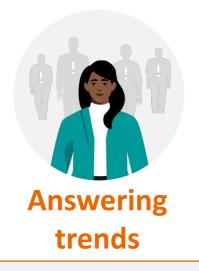






The "Why"







Expanding precision medicine



Placing the patient in the center



More samples coming in each year, with less pathologists



No flexibility around working environment (home office, remote work, second opinion)



Increasing amounts of data, and complexities of data



Siloed Data within departments that is crucial to the Diagnoses



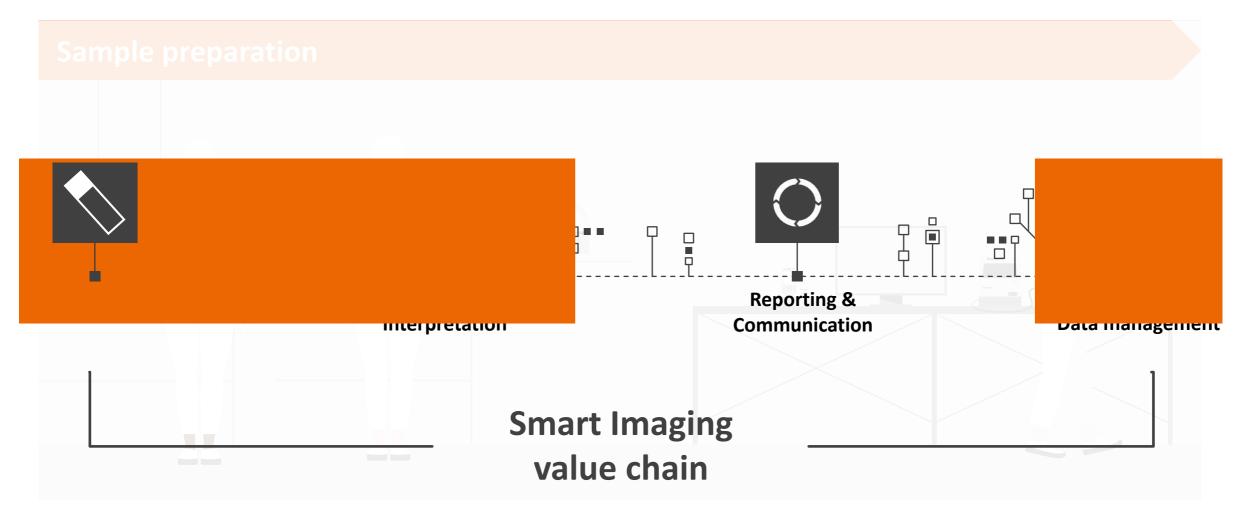
Long waiting times for clinical experts to weigh in / TAT



Repetitive tasks that dig into routine

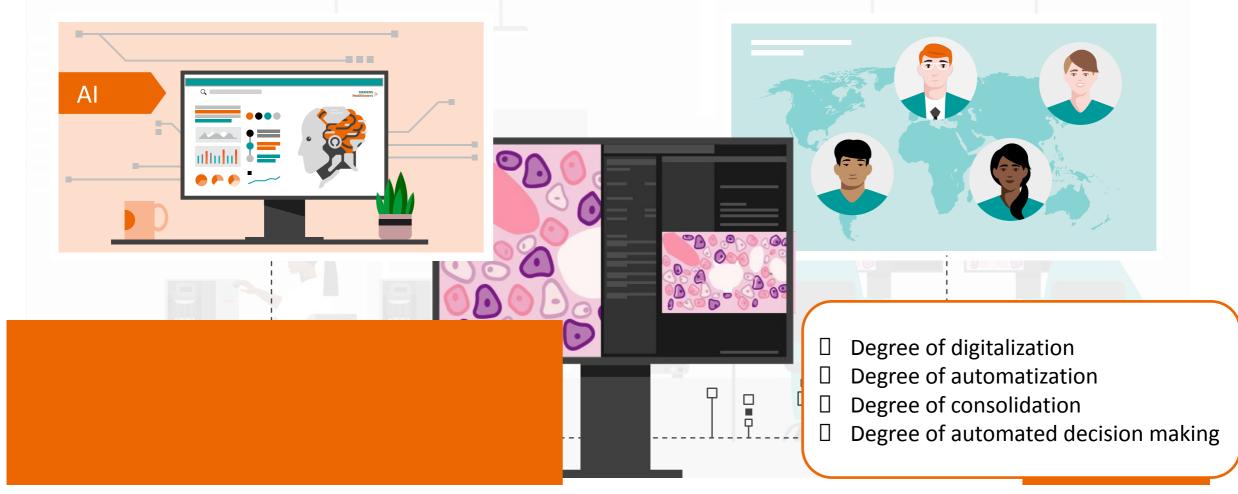
Curating workflows with actionable data





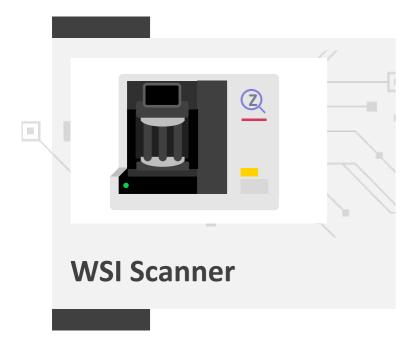
Working digital goes beyond digitalizing an image, it's about leveraging the full benefits of digital transformation

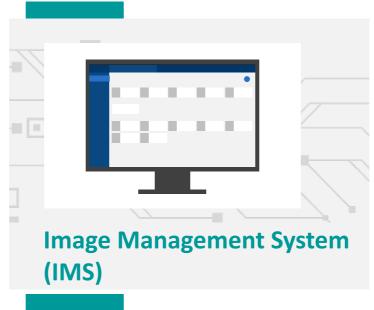




What is required



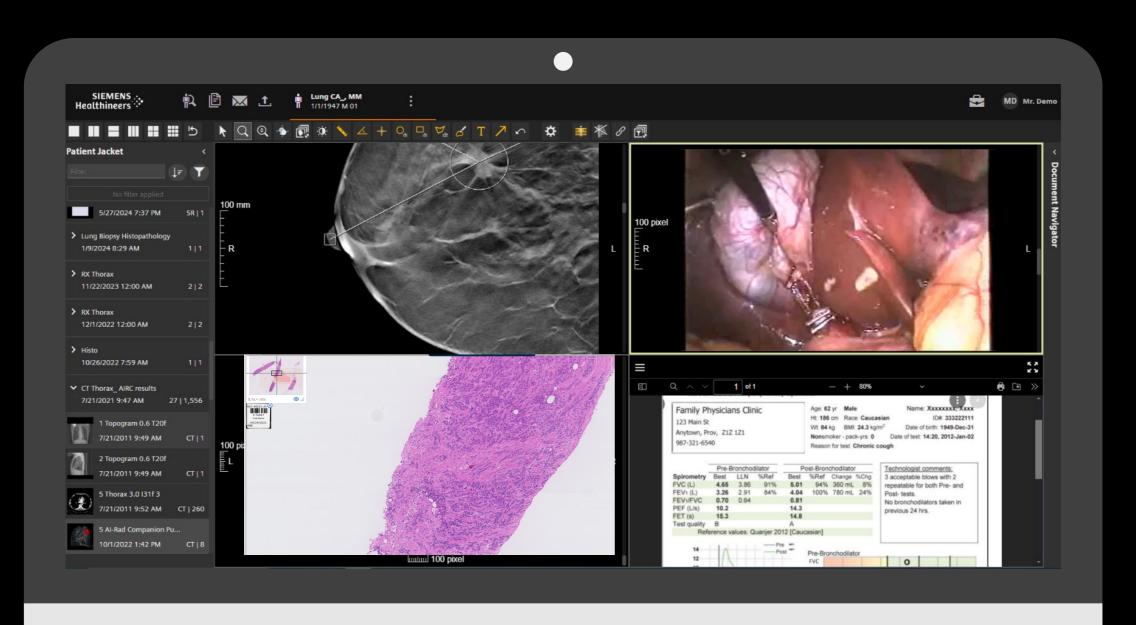






Interdisciplinary and patient centric view on patient data





Outcomes through digital pathology



Baidoshvili A. et al. (2018) Evaluating the benefits of digital pathology implementation: time savings in laboratory logistics.

- >19 working hours were saved on a typical day by working digitally, with the highest savings in routine diagnosis and multidisciplinary meeting workflows.
- Saving ~19 h/day translates into 2.63 fte (fulltime-equivalent) laboratory staff (36-h working week), corresponding to €120,000/year



Retamero J. A. et al. (2019) Complete Digital Pathology for Routine Histopathology Diagnosis in a Multicenter Hospital Network

- Average increase of pathologist sign out rate of 21% since the implementation of full digital pathology for primary diagnosis
- Constant availability of digitized images to anyone, anywhere within the network
- Rule-based data storage management and viewing options





Thank you