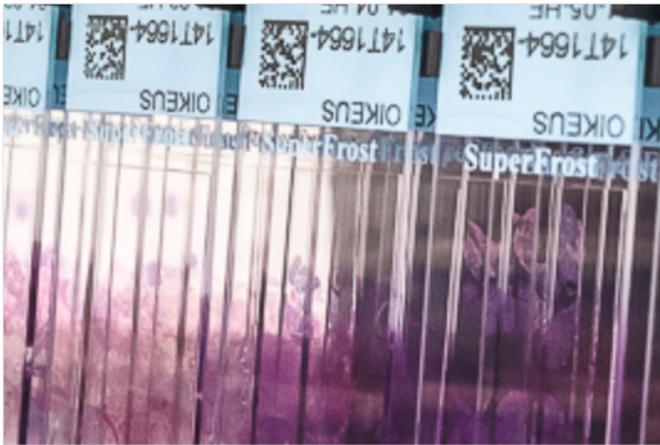


# LabVantage Medical Suite Helps Improve Cancer Care in Sweden



Region Skåne is responsible for health, development, and sustainable growth in Sweden's southernmost county. This includes Region Skåne Laboratory Medicine, a health-care system for the county.

LabVantage Medical Suite, a comprehensive laboratory information system (LIS), manages data in nine general labs, four pathology labs, and two microbiology labs across Region Skåne's health system, including at Skåne University Hospital – Sweden's third largest hospital, serving more than 1200 inpatients per day in 2019 – and Helsingborg and Kristianstad hospitals. In total, the region's 10 hospitals perform some 30 million lab tests annually.

The suite is an all-in-one multidisciplinary laboratory information system for clinical chemistry, microbiology, pathology, hormone, environmental medicine, and genetic laboratories. With LabVantage Medical Suite, business and lab leaders can streamline the entire laboratory operation, automate routine tasks and processes, and reduce errors and overall costs. This contributes to improvement in the efficiency and quality of laboratory work, and the safety and quality of patient care.

Deployed in 2019, the LabVantage LIS is integrated with different hospital data systems and laboratory instruments. For example, it interfaces with a Picture Archiving and Communication System (PACS), allowing more than 4,000 histology slides to be scanned daily, with digital images available on a computer screen.

As a result, diagnostic quality is improved, particularly for complex cases. The system enables off-site pathology experts to receive and review the digital screens via LabVantage Medical Suite's conferencing tool, to contribute to diagnosis and treatment decisions. For in-house pathologists, the LIS also facilitates multidisciplinary medical rounds. And, should a patient be facing a cancer recurrence, LabVantage Medical Suite makes it fast and easy to locate and share the patient's historical data while complying with privacy regulations. This efficient process enables rapid comparison with the new case.

**LabVantage Medical Suite is deployed in 9 general labs, 4 pathology labs, and 2 microbiology labs at Region Skåne hospitals – where some 30 million lab tests are performed annually.**

^ Diagnosis							
Seq	Analysis type	[+]	Prefix	Topography			
1							
v Containers							
^ Blocks							
Cont.	Block	X	Ext. ID	Block type	Laboratory	Block process	
01	01	<input type="checkbox"/>		N	HBG_PAT		
	02	<input type="checkbox"/>		N	HBG_PAT		
	03	<input type="checkbox"/>		N	HBG_PAT		
^ Slides							
Cont.	Block	Slide	X	SI	MI	Ext. ID	Stain
01	01	01	<input type="checkbox"/>				HE
	02	01	<input type="checkbox"/>				HE
		02	<input type="checkbox"/>				HER2B
		03	<input type="checkbox"/>				KI67
		04	<input type="checkbox"/>				PGR
		05	<input type="checkbox"/>				PHH3
		06	<input type="checkbox"/>				ER
	03	01	<input type="checkbox"/>				HE

**FIGURE 1: Analysis part of diagnostics in Lab Vantage Medical Suite.**

In addition, the diagnostics view in LabVantage Medical Suite includes icons that show which scanned slide images are available from a patient case. When the case is selected, the images are automatically displayed.

**Streamline lab operations, automate routine tasks and processes, reduce errors and overall costs. LabVantage Medical Suite improves lab efficiency, enhancing the safety and quality of patient care.**

This digital pathology, in use for histology at all the hospitals' labs, not only delivers better data, faster, but also offers ergonomic benefits for the pathologists. Rather than bending over microscopes to view slides and shifting focus to computer screens for data entry, staff are able to view larger, clearer images on monitors or tablets.



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#### ABOUT LABVANTAGE SOLUTIONS

A recognized leader in enterprise laboratory software solutions, LabVantage Solutions dedicates itself to improving customer outcomes by transforming data into knowledge. The LabVantage informatics platform is highly configurable, integrated across a common architecture, and 100% browser-based to support hundreds of concurrent users. Deployed on-premise, via the cloud, or SaaS, it seamlessly interfaces with instruments and other enterprise systems – enabling true digital transformation. The platform consists of the most modern laboratory information management system (LIMS) available, integrated electronic laboratory notebook (ELN), laboratory execution system (LES), and scientific data management system (SDMS); and, for healthcare settings, a laboratory information system (LIS). We support more than 1500 global customer sites in the life sciences, pharmaceutical, medical device, biobank, food & beverage, consumer packaged goods, oil & gas, genetics/diagnostics, and healthcare industries. Headquartered in Somerset, NJ., with global offices, LabVantage has, for four decades, offered its comprehensive portfolio of products and services to enable customers to innovate faster in the R&D cycle, improve manufactured product quality, achieve accurate record-keeping, and comply with regulatory requirements.

**For more information, visit [www.labvantage.com](http://www.labvantage.com).**