

**Siemens Healthineers Nordic and Baltic Region
LT Healthcare and Intelligent Systems**

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Siemens Healthineers partners with LT Healthcare and Intelligent Systems to support improved quality and workflow in medical laboratories

- **A collaboration to better support to the growingly sophisticated needs of automated and digitalized laboratories.**
- **An innovative robot solution automates reception, unpacking, sortation and registration of samples to support optimal efficiency and workflow from sample draw to result.**
- **Intelligent monitoring is the key to improvement, ensuring traceability from the sample is taken until it has been analyzed at the laboratory.**

Siemens Healthineers in the Nordic and Baltic countries have entered into a formal collaboration agreement with LT Healthcare and Intelligent Systems to better cater to the growingly sophisticated needs of laboratories in the public and private settings, especially when talking about Automation and Digitalization.

“Both parties, Siemens and LT Healthcare with Intelligent Systems intend to look at the entire workflow from sample draw to result reporting as an integrated process. We seek to increase efficiencies in operations and improve safety by better tracking and monitoring of samples and by further reduction of manual steps throughout the value chain”.

Julia Abrams, Head of Laboratory Diagnostics, Nordic and Baltic countries, Siemens Healthineers

Every lab is different and so is every change project when further automating laboratories. Thus, we'd welcome to jointly review what this collaboration could mean for our customers' labs.

Aptio Automation from Siemens Healthineers provides a comprehensive selection of pre- and post-analytical modules that automate sample loading, preparation and handling to free lab staff from the time-consuming, low-value tasks. All customers will receive sustainably planned solution under the



guidance of Lean Healthcare certified experts that will be designed to match the customer needs and KPI's. Automation solutions can be custom scaled up to 10 000 tubes per hour. Siemens automation solutions use single piece flow throughout the process to provide predictable TATs around the clock independent from staffing levels. Our project management has implemented over 2000 automation systems worldwide.

In the hospital and laboratory segment LT Healthcare provides a robotic solution to ensure greater efficiency and improve the working environment in the pre analytic handling of samples. The solution is built in modular robotic cells, which contributes to a highly flexible system that can be fitted to any need.

Intelligent Systems provides a cloud-based tracking and monitoring solution, that allows temperature monitoring and tracking of blood samples from when they are taken at a clinic, to when they enter the laboratory for analysis. This is part of the award-winning Intelligent Transport Box solution.

Intelligent Systems also provide high-level control systems for automated logistics for hospitals including the independent open AGV Cloud Control platform and the patented Intelligent Hospital Logistics (IHL) solution concept.

Siemens Healthineers

Siemens Healthineers AG (listed in Frankfurt, Germany: SHL) is shaping the future of Healthcare. As a leading medical technology company headquartered in Erlangen, Germany, Siemens Healthineers enables healthcare providers worldwide through its regional companies to increase value by empowering them on their journey towards expanding precision medicine, transforming care delivery, improving the patient experience, and digitalizing healthcare. Siemens Healthineers is continuously developing its product and service portfolio, with AI-supported applications and digital offerings that play an increasingly important role in the next generation of medical technology. These new applications will enhance the company's foundation in in-vitro diagnostic, image-guided therapy, and in-vivo diagnostics. Siemens Healthineers also provides a range of services and solutions to enhance healthcare providers' ability to provide high-quality, efficient care to patients.

Further information is available at www.siemens-healthineers.com

LT Healthcare

LT Healthcare ApS is a company that works purposefully to develop, disseminate and implement intelligent automation and robot solutions within the welfare and health sectors.

Based on strong technical competencies and 30 years of experience in industrial automation and robot technology, LT Healthcare implements and improves the long-term automation solutions of the future. Robot entrepreneur Lasse Thomsen is the founder and CEO of LT Healthcare and has worked with automation since 1986. This means that we advise, develop, implement and improve based on strong technical competencies and 30 years of experience with automation and robot technology.



LT•HEALTHCARE



Intelligent Systems

Intelligent Systems A/S specializes in software and control systems for Industry-4.0 and Hospital-4.0 solutions.

The Danish company is known as a global provider of high-level control systems for large-scale mission critical automated logistics systems, e.g. for airport baggage handling, automated warehouse and distribution centers for retail-chains and ecommerce, as well as automated internal logistics for production and hospitals.

Intelligent Systems has provided the software that controls and integrates a number of the largest automated logistics solutions in the world.

Further information is available at: www.intelligentsystems.dk

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