



Sensire

islab

ISLAB is the central laboratory services provider for Northern and Eastern Savonia hospital districts as well as for Southern Savonia and Northern Karelia joint municipal boards in the field of public health. They operate nearly 80 offices in all the municipalities within the region, with 4 central laboratories that handle more advanced analyses.

Superior Sample Cold Chain Monitoring with Sensire

THE CHALLENGE

ISLAB's sample collection happens in many different locations, while testing is handled by central laboratories. The process requires careful monitoring, because sample transportation must be concluded within a certain timeframe and temperatures to ensure the viability of the sample. Additionally, with multiple locations it is difficult to get a big picture of overall process functionality.

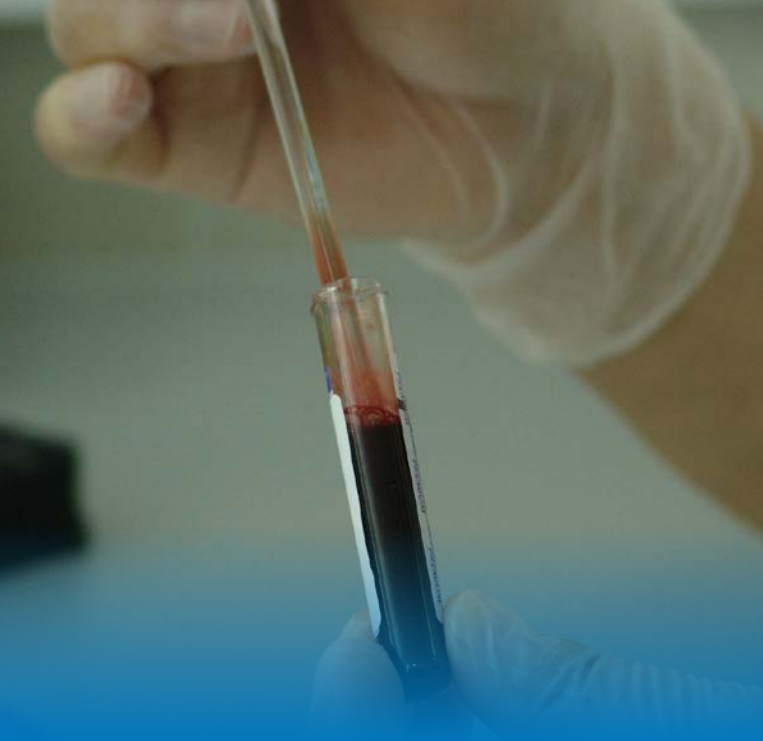
Whole way from multiple locations to laboratory

ISLAB needed a reliable system that would monitor sample temperature the

whole way from multiple locations to laboratory. There was also need for a solution that would allow centralized data and better transparency, as well as making transportation handling faster.

THE RIGHT ANSWER

Sensire provided a solution, which combines wireless sensors with online cloud platform for data access. Now Sensire sensors travel with the samples, handling monitoring and alarming of any limit breaches. In central laboratories the fridges and freezers used for storing samples have Sensire Warehouse for temperature and other conditions monitoring. All these send data into the Sensire Cloud that handles data visualization.



SIGNIFICANT BENEFITS

After introducing Sensire to their sample transportation, ISLAB has gained significant benefits. With wireless sensors, validating sample transport temperatures upon arrival is faster compared to USB loggers. Continuous data also helps recognize problem hotspots in processes. Through improved transparency, better process optimization and standardization has become possible. This ultimately leads to better ensured sample integrity and less waste.

BENEFITS

- *Recognize problem hotspots*
- Better process optimization
- *Easier sample temperature validation*
- Saved time and labor
- *Improved transparency*
– Ensured sample integrity and less waste

*With wireless sensors,
validating sample transport
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