



 Sensire



KWH Freeze is the leading commercial cold store business in Finland. Their customers are large wholesale dealers, the food industry and importers of frozen foods. The company has about 600 000 m³ of temperature-controlled space in Vantaa and Inkoö.

Efficient solution for temperature monitoring from Sensire

CHALLENGING TRANSPARENCY

The aim of KWH Freeze is to offer their customers the best possible link in the food cold chain. This means that temperature monitoring is extremely important for all the services they provide. In addition to temperature, they wished the solution would provide better visibility into both storage and transportation conditions, as well as providing route and geolocation information. For KWH Freeze this would be a way to improve transparency in their customer relations and offer still better product security.

The best possible link in the food cold chain

REAL-TIME MONITORING

Sensire Warehouse was introduced for storage temperature monitoring and Sensire Transportation for tracking transportation temperatures and location down to container level. Wireless sensors monitor warehouses and transportation continuously in real time. The system also automatically alerts responsible people if preset limits are breached.

All storage temperature data is immediately transmitted into the Sensire Cloud, where KWH Freeze can monitor it as well as provide that same data to their customers for validation. Temperatures, geolocation and route information from transportation are also gathered in the Cloud, so that KWH Freeze can ensure product conditions in all their services.



VERSATILE VISIBILITY

After adopting Sensire's solution, KWH has gained real-time visibility into their storage temperature data. With Sensire Cloud the company can monitor their total storage area continuously and transparently demonstrate temperature conditions to their customers. Additionally, automatic alarms ensure food security and help decrease waste. Comprehensive temperature records in the Cloud also simplify communications with the authorities and ensure compliance with cold storage monitoring regulations.

Adopting an automated temperature monitoring process has benefited KWH Freeze in saved time and expenses. Data transparency additionally makes communicating with customers easier, improves business relations and increases overall returns.

*Automatic alarms
ensure food security and
help decrease waste*

BENEFITS

- *Saves time and expenses with automatic monitoring*
- *Real-time alarms help decrease waste*
- *All data gathered into one comprehensive system*
- *Ensures compliance with regulations*
- *Transparency to customers and authorities*



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