

# How Krieger Ensured Reliable Ultra-Low Temperature Storage with 42systems and Dickson's OCEAView™ Solution

Faced with a **time-sensitive project requiring high-volume ultra-low temperature storage**, Krieger needed a solution that guaranteed regulatory compliance, reliable temperature monitoring, and rapid implementation.

**Partnering with 42systems and leveraging Dickson's OCEAView™ environmental monitoring solution**, Krieger successfully set up advanced monitoring systems across two locations, ensuring full traceability, automated alerts, and regulatory compliance. The result? Seamless operations with zero product loss and an expanded capacity for future projects.

## About Krieger

Krieger specializes among others, in ultra-low temperature storage and distribution, meeting the highest standards for safety and compliance. **With facilities capable of extreme temperature storage down to -80°C and integrated digital real-time monitoring**, Krieger ensures full control and traceability for sensitive products.

Operating from multiple secure and compliant locations, they are a **key player in temperature-controlled storage**, catering to industries such as pharmaceuticals and medical agencies.

When Krieger faced a critical and time-sensitive project requiring immediate action, their expertise and readiness to adapt depended on finding a reliable and state-of-the-art monitoring solution—and fast.



Krieger Tech using a Cobalt X on a -80°C Fridge



## The Challenge

To meet the needs of a time-sensitive project, Krieger faced multiple challenges that required immediate resolution:

- **High-capacity ultra-low temperature storage** was needed to support sensitive materials, requiring the setup of new storage sites with high-level security and real-time monitoring systems
- **A large quantity of ultra-low temperature freezers (-80°C)** had to be setup, and launched into operation across two sites within a short timeframe.
- **A reliable, regulatory-compliant temperature monitoring system** was critical to ensure the secure and uninterrupted storage of products. This monitoring solution needed to send immediate alerts in case of temperature deviations and allow comprehensive traceability.
- **Time was of the essence**, with the entire system needing to be operational within weeks.

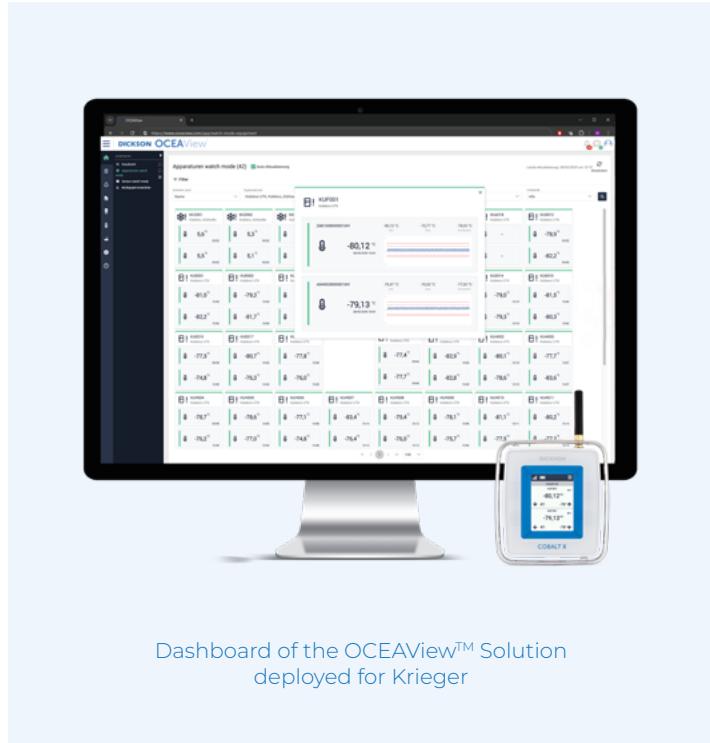
Recognizing the complexity and urgency of the project, Krieger reached out to **42systems - Dickson's Partner in the DACH region**, an expert in monitoring systems for regulated industries- for guidance on this critical need.

## The Solution

42 systems introduced Krieger to **Dickson's OCEAView™ Environmental Monitoring Solution**, an advanced Cloud-Based solution designed to provide a unified approach to monitoring, traceability, and alerts. Here's how the solution was implemented to meet Krieger's needs effectively:

- **Rapid Hardware Deployment:** Dickson's OCEAView™ system was delivered immediately. Over 800 Pt100 sensors and more than 400 Cobalt X wireless devices were installed across both sites within a matter of weeks.
- **Streamlined System Setup:** The complete system, including qualification and mapping of all areas and ultra-low freezer types, was operational quickly to meet tight deadlines.
- **Real-Time Monitoring and Alerts:** The OCEAView™ platform continuously monitored storage conditions, ensuring gap-free reporting and immediate alerts for any deviations from temperature specifications. The solution was integrated with an escalation matrix that included external security partners and technical support from 42systems.
- **Ongoing Support:** 42systems provided 24/7 support, including system maintenance, device calibration, and technical services, ensuring uninterrupted functionality and peace of mind for Krieger.

The result was an integrated, scalable solution that not only met but exceeded the demands of the project, providing Krieger with the tools to ensure regulatory compliance and operational excellence.



Dashboard of the OCEAView™ Solution deployed for Krieger

“ Krieger has maintained flawless product integrity thanks to precise monitoring, instant alerts, and a reliable solution. The smooth implementation and continuous support from 42systems and Dickson have been truly invaluable. ”



## Results

The deployment of Dickson's OCEAView™ solution delivered significant benefits for Krieger:

- **Zero Product Loss:** Thanks to the reliable monitoring, immediate alerts, and robust reporting system, Krieger did not lose a single product during the project.
- **Regulatory Compliance:** The solution strictly adhered to all required standards, giving Krieger full confidence in their ability to meet governmental requirements.
- **Scalable Expansion:** Impressed by the system's reliability, Krieger expanded its use to include additional storage areas, such as a new 2–8°C walk-in storage facility and their existing pharmaceutical wholesale logistics.
  - Devices were pre-configured by 42systems, allowing Krieger's team to install them independently with ease.
- **Customer Satisfaction:** Krieger expressed high satisfaction with the system and continues to use it under a comprehensive support plan provided by 42systems.



[krieger-pharmalogistik.de](http://krieger-pharmalogistik.de)



[42systems.de](http://42systems.de)

## Your Trusted Partner

**Krieger's collaboration with 42systems and Dickson** proves that even the most urgent and complex storage requirements can be met with strategic partnerships and advanced technology. The success of the project not only ensured the timely completion of their initial project but also positioned Krieger for ongoing growth and operational efficiency in their core areas.

**Looking to implement a reliable and regulatory-compliant monitoring solution for your sensitive products?** Contact us today to learn how Dickson's OCEAView™ system can help you achieve superior results.



Environmental Monitoring + Compliance Experts

© 2023 Dickson. All Rights Reserved.  
Non-contractual document. Specifications and product photos subject to change without notice.

[DicksonData.com](http://DicksonData.com)

### Dickson North America

Addison, IL - USA  
+1 (630) 543-3747  
[support@dicksondata.com](mailto:support@dicksondata.com)

### Dickson Europe

Montpellier - France  
+33 (0)4 99 13 67 30  
[contact@dicksondata.fr](mailto:contact@dicksondata.fr)

### Dickson Asia-Pacific

Petaling Jaya - Malaysia  
+603 749 40758  
[contact@dicksondata.my](mailto:contact@dicksondata.my)