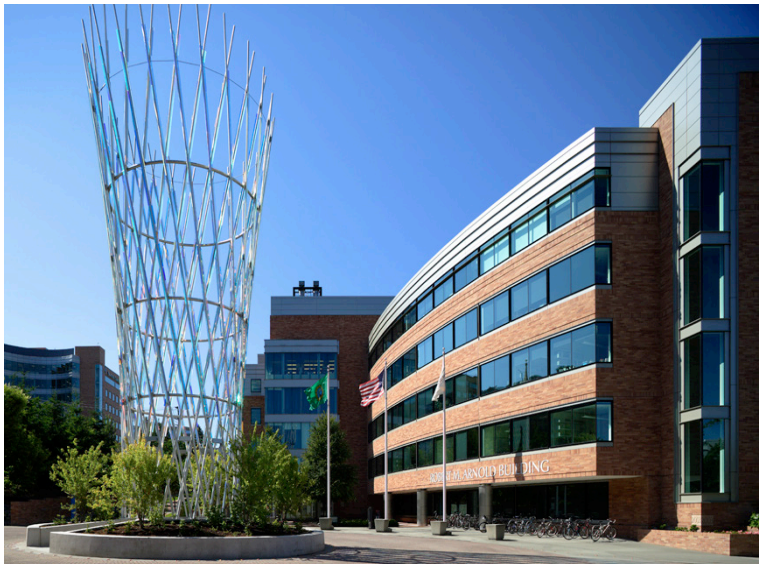
AiRISTA FLOW

Case Study

Fred Hutchinson Cancer Research Center Uses AiRISTA Flow featuring Ekahau Wireless Temperature Monitoring Solution to Safeguard Research Specimens Collected over 30 Years

Challenge

Fred Hutchinson Cancer Research Center (FHCRC) is home to three Noble Laureates who conduct innovative and extraordinary research focused on the Center's mission of ending cancer. FHCRC's world-renowned team continues to make significant breakthroughs in the treatment of and cure for cancer, HIV/AIDS and other diseases. In their fight to treat and cure disease, FHCRC's facilities house priceless clinical research specimens such as blood, tissue and bone samples within specialized refrigerator units. Due to rigorous experimental control requirements, specimens must be kept within strictly controlled temperature ranges. Because the loss of experimental integrity would be inevitable if a clinical specimen became too warm or too cold, Fred Hutchinson Cancer Research Center needed a reliable yet simple temperature monitoring solution to protect thirty years of critical research.



Solution

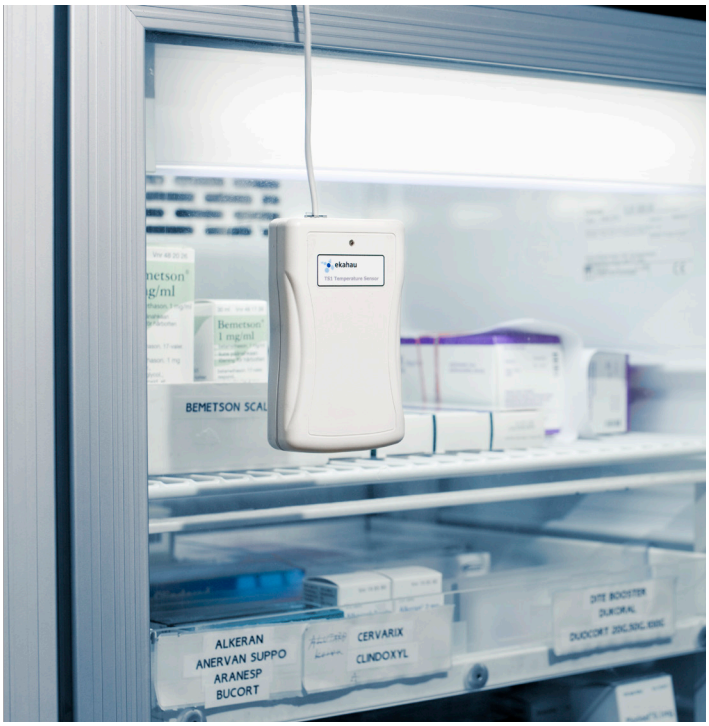
Fred Hutchinson Cancer Research Center chose AiRISTA Flow featuring Ekahau Vision™ software and AiRISTA Flow temperature sensors to reliably monitor the real-time temperatures of refrigeration units housing a 30-year old collection of clinical research specimens. The AiRISTA Flow temperature sensing and monitoring solution

ensures that near-breach temperatures trigger text and email alerts to Biomedical teams before invaluable specimens are spoiled. AiRISTA Flow's real time solution allows for reliable monitoring of Fred Hutch's refrigerator units wirelessly over the Center's existing Wi-Fi Network. AiRISTA Flow's wireless sensors are placed inside of refrigeration units and automatically record and communicate real-time temperatures in regular intervals to Ekahau Vision™ software. FHCRC avoids using manual temperature logs that are prone to human error because Ekahau Vision™ electronically records all refrigerator temperatures.

> "Since our founding in 1975, our benefactors and the public have invested hundreds of millions of dollars to advance Fred Hutch's quest to eliminate cancer. Without the Ekahau temperature sensing solution we could lose all of those potentially life-saving findings in an instant," said Scott Rusch, VP of Facilities and Operations

Why Choose AiRISTA Flow for Temperature Monitoring?

AiRISTA Flow Wi-Fi –based temperature sensors and Ekahau Vision™ solution are reliable, cost-effective and accurate, automating manual temperature collection processes using the existing Wi-Fi network. AiRISTA Flow RTLS ensures that near-breach temperatures trigger text and email alerts in real-time, before specimens worth millions of dollars are compromised. Even if a network outage occurs, AiRISTA Flow's temperature sensors will locally store temperature readings and automatically push this data to Ekahau Vision™ once the network is restored. The solution is cost-effective because it uses the Center's existing Wireless LAN and avoids new, dedicated cabling infrastructure requirements. Lastly, AiRISTA Flow temperature sensing solution offers a high degree of scalability. AiRISTA Flow's battery-powered sensors and reliance on Wi-Fi infrastructure make it easy to add more refrigerator units in the future.



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