

IoT Helps to Keep Food Fresh

THE CHALLENGE

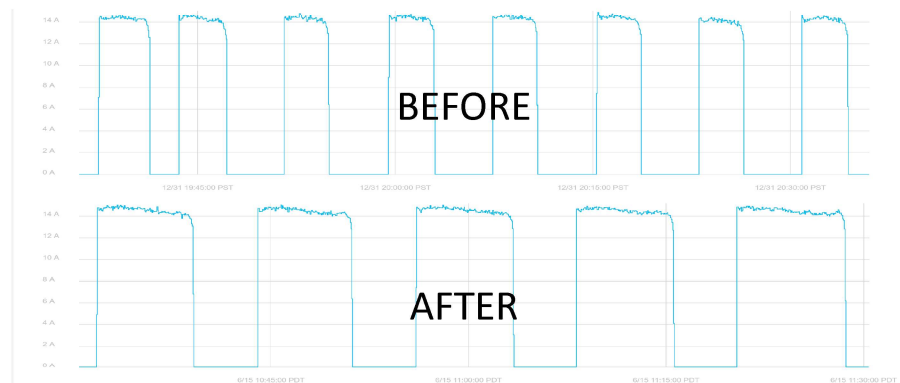
Not surprisingly, your local grocery store and supermarket rely on refrigeration. Food must be kept frozen and fresh. And the heart of any refrigerator is the compressor. Trouble is, when compressors are run incorrectly, they break prematurely with expensive repair cost and potential food loss as the result.

One of the most difficult compressor problems to detect is compressor short cycling. A higher than normal frequency of short compressor runs occur for a number of reasons: poorly maintained equipment, low refrigerant charge or malfunctioning evaporator circuits. No matter the reason, short cycling eventually leads to premature compressor failure.



THE SOLUTION

In the past, knowing the behavior of every compressor in the store was limited to periodic physical inspections. Now, IoT has changed all that. With modern sensor, computer and cloud technology, you can cost effectively monitor mission critical systems 24X7. No longer can misbehaving systems hide in plain sight. Given the cost of saved energy and potential product or inventory loss, these solutions are now so cost effective that they have become a must have.



THE RESULTS

With a modern IoT-based monitoring in place, misbehaving systems and short-cycling compressors can be quickly identified and fixed.

Deploying IoT-based monitoring systems are now making reliable and long lasting service increasingly possible. Long before poorly run systems negatively impact your business. The OptumSoft IoT solution may help **you cut maintenance cost in half.**

S M A R T H V A C - R S U C C E S S S T O R Y