

Is my HVAC working efficiently? Why are operating costs increasing? How can I be sure the system won't fail?

PROBLEM

A commercial building owner was tired of unexplained and unexpected HVAC bills.

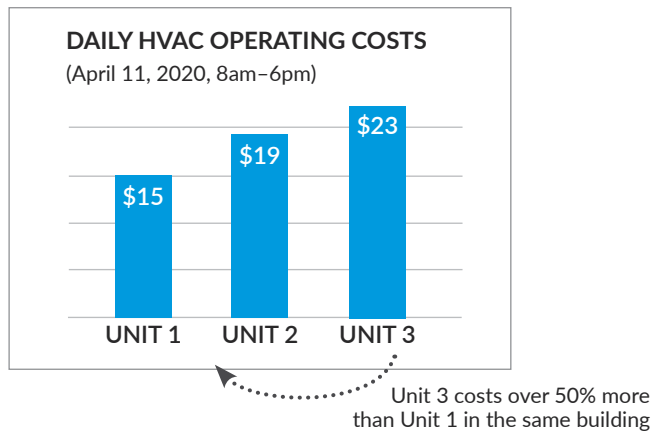
FINDINGS

The Talos monitoring system was installed (within 15 minutes) and quickly uncovered key problems that would have led to catastrophic failure of the HVAC system:

- All 3 units operating 24 x 7
- Refrigerant problems in 2 of the units
- Economizers were set incorrectly or failed
- Compressor damage due to operating while outdoor temperatures were 60°F or below
- 1 compressor was underperforming while the other 2 were overtaxed
- 1 compressor started & stopped every 3 minutes causing permanent damage
- 1 failed condenser fan motor

STATS

30,000 square feet
2- 25 ton units
1- 30 ton unit
Average age of HVAC units: 3 years



RESULTS

After addressing the problems uncovered and continuously monitoring the units, they are expected to reach their 15-year life expectancy (they were previously on course for catastrophic failure).

\$11,880
Annual savings of
\$11,880 in utility expenses

5.6
ROI of 5.6 months

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Zero HVAC failures



Lowest cost monitoring
in the industry



Talos is like having
an HVAC Master watching
the building 24 x 7



Automatically sends
an alert and creates
a work order

Talos proactively monitors
every component of the
HVAC unit including:

- Filters
- UV lights
- System Status
- Efficiency
- Failures

The sensor identifies
problems and automatically
sends an alert via text/email
and creates a work order.

Through machine learning
Talos benchmarks each
system and identifies
problems immediately.



Proactive HVAC Monitoring—
Analyze. Alert. Repair.

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