

Verdigris Case Study, Vention Medical - Sunnyvale, CA

Sustainable Manufacturing for a Healthier World

Verdigris is the comprehensive electricity monitoring and notification system for commercial facilities. By delivering deep building intelligence, Verdigris enables greater operational efficiency throughout the built environment.



CASE STUDY



CASE STUDY INSTALLATION SPECS

Sunnyvale, California Facility:

- Size: **20,000 square feet**
- Space use: **Design and Development**
- Systems monitored: **Lighting, HVAC, and HEPA filtration system**
- Special facilities: **Clean rooms**

In recognition of the link between human and environmental health and consumer demands for more sustainable products, healthcare supply chains are investing in sustainability.

Vention Medical is a global leader in complex medical device design development, manufacturing, and assembly. With a recently formed Sustainability Council, Vention's cultural focus on innovation extends into every facet of its business.

In just 3 months, Verdigris enabled Vention Medical to uncover thousands of dollars in energy monitoring gaps and cost savings in the pursuit of manufacturing more sustainable products.

Customer Challenges

“We are looking to do more than the actual requirements...to be recognized as leaders for being able to provide full contract manufacturing in a sustainable manner.”

DANIEL DRISCOLL, MARKETING AND SUSTAINABILITY COORDINATOR

Hospital sustainability policies and demand for environmentally-conscious healthcare supplies drove Vention to Verdigris. Vention was seeking energy data metrics, particularly validation of energy usage and insights for potential savings.

With 13 facilities and a newly formed sustainability council, Vention needed a tool to easily identify and quantify hidden potential cost savings. They also needed a reliable system to track equipment malfunction to maintain sensitive environments which are critical to medical device manufacturing.

Vention selected their Sunnyvale office, which has several clean rooms, for the proof-of-concept test. They wanted to learn how to best prevent downtime for important equipment such as HVAC, which could jeopardize FDA-approved clean room conditions, contaminate materials, and ultimately increase production costs. Vention approached Verdigris to get help going above and beyond their customers' specific requirements for sustainability.

Verdigris Solutions

Verdigris quickly installed proprietary hardware and was immediately able to showcase data from Vention's lighting and HVAC systems. Vention team members viewed their energy data with an online dashboard, and also received custom monthly reports to highlight energy trends and uncover inefficiencies.

Working together, Verdigris provided depth of data and breadth of actionable recommendations that audiences across the company understood. Verdigris' advanced data tracking provided Vention an example of how to get ahead of increased reporting requirements from their buyers.

“We felt while everything was in the system, all the algorithms were so advanced, it really helps being able to express that and the benefits of it to your customers...this is great, exactly what we were looking for.”

**DANIEL DRISCOLL, MARKETING AND SUSTAINABILITY
COORDINATOR**

Key Results

Vention was very pleased with Verdigris' quick installation without building downtime, and its user-friendly insights. Verdigris was able to go above and beyond what local utilities provide, notifying Vention about equipment downtime and parsing out usage by end-use in real time.

In addition to operational recommendations, Verdigris data revealed Vention was being charged for peak demand hours and that a cheaper plan was available to them, simply by changing the way they were being billed.

Now on track to save \$3,000 a year, Vention sees savings applications in all its global facilities.

With Verdigris' real-time data, companies like Vention can gain greater insight into achievable sustainability goals. Whether it's starting with low-hanging fruit or progressing along deeper savings, Verdigris helps companies reach their sustainability and cost savings goals.

“What I found useful was the dashboard you sent out, being able to hook up without shutting things off, and the continuous monitoring. Yours was down to the detail so it was useful to know where we were losing the money...It was good to know that my hunches of savings or wasting can be monitored.”

JIM O'BRIEN, SUNNYVALE OPERATIONS PROJECT MANAGER

Contact Us



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