

Southwest Family Dentistry

Background

Helping people smile with confidence is what Southwest Family Dentistry is all about. With six dentists on staff, Southwest Family Dentistry includes specialists in pediatrics, periodontics, endodontics, orthodontics, and oral surgery to provide a full range of dental services for families at all stages.

Facing some of the highest utility rates in the nation, Southwest Family Dentistry owner, Dr. Anthony Ching, knew his business could do more to reduce its impact on the environment while lowering energy costs. Because the practice puts patient comfort first, Dr. Ching insisted that any sustainability effort would also need to help the business maintain a comfortable indoor temperature and humidity.

JouleSmart Solution

Southwest Family Dentistry turned to JouleSmart to make its place of business intelligent, efficient and comfortable and give the practice more control over utility costs. JouleSmart designed and implemented a turnkey intelligent building solution for Southwest Family Dentistry. JouleSmart also maintains and manages the solution.

Making Southwest Family Dentistry's Facility Intelligent

- Integrated Intelligence Gateway: Proprietary software and hardware platform
- Active Oversight™: Facility management and alerting from JouleSmart
- HVAC and LED retrofit
- Sensor control package: Occupancy and temperature sensors
- Cloud server to store and access data

Outcomes

With the new solution from JouleSmart, Southwest Family Dentistry has significantly reduced its carbon footprint and saved nearly 30 percent in energy costs for a 15-year cumulative savings of more than \$95,000. The annual impact includes:

- 100 tons of carbon reduction, equivalent to planting 1501 tree seedlings
- Reduction of CO2 emissions, equivalent to driving 141,898 miles
- 77,183 annual kWh reduction

“JouleSmart’s solution has reduced some of our largest operating costs by almost 30 percent, providing a significant boost to our bottom line.”

- Dr. Anthony G. Ching, DDS, Master of the Academy of General Dentistry, Owner of Southwest Family Dentistry

Contact us to learn how JouleSmart can help your business.

We'll put you in touch with an industry expert. (866) 491-5854