

# TD SUPPORTS HIGH-IMPACT GROWTH AT DENTON ISD



## Background

Founded in 1882, Denton Independent School District sits roughly 30 miles north of Dallas. One of the fastest-growing school districts in the nation, Denton ISD has grown its campus space from 3.5 million sf to more than 6 million sf since 2007. With 45 K-12 schools and educational facilities, it has counted on TDIndustries to maintain and operate these facilities for 29 years.

## Challenges

Denton ISD's growth has been great for development, but also has come with growing pains. The school district has additional utility and energy costs, as well as increases in energy monitoring costs. With so many new buildings rising every year, the district quickly became overwhelmed with its manual monitoring method. One Denton ISD employee was calling every campus each month, then sending the bills to TD's engineering team to plug into a spreadsheet. Through this inefficient process, data was often 6-8 months behind.

## Solutions

TDIndustries provided two ways to combat these challenges:

**Growing its facility maintenance team:** As the district grew, TD's commitment did as well. TD flexed its labor and monitoring services to adequately fit the district's growing needs. With trained, onsite maintenance personnel, TD could control costs more efficiently than relying on service agreements. Currently, 25 Partners maintain and operate Denton ISD facilities.

**Provide energy monitoring services:** Using TD's energy tracking platform, TD automated the energy usage data and easily identified potential savings, problematic outliers, and improvements.

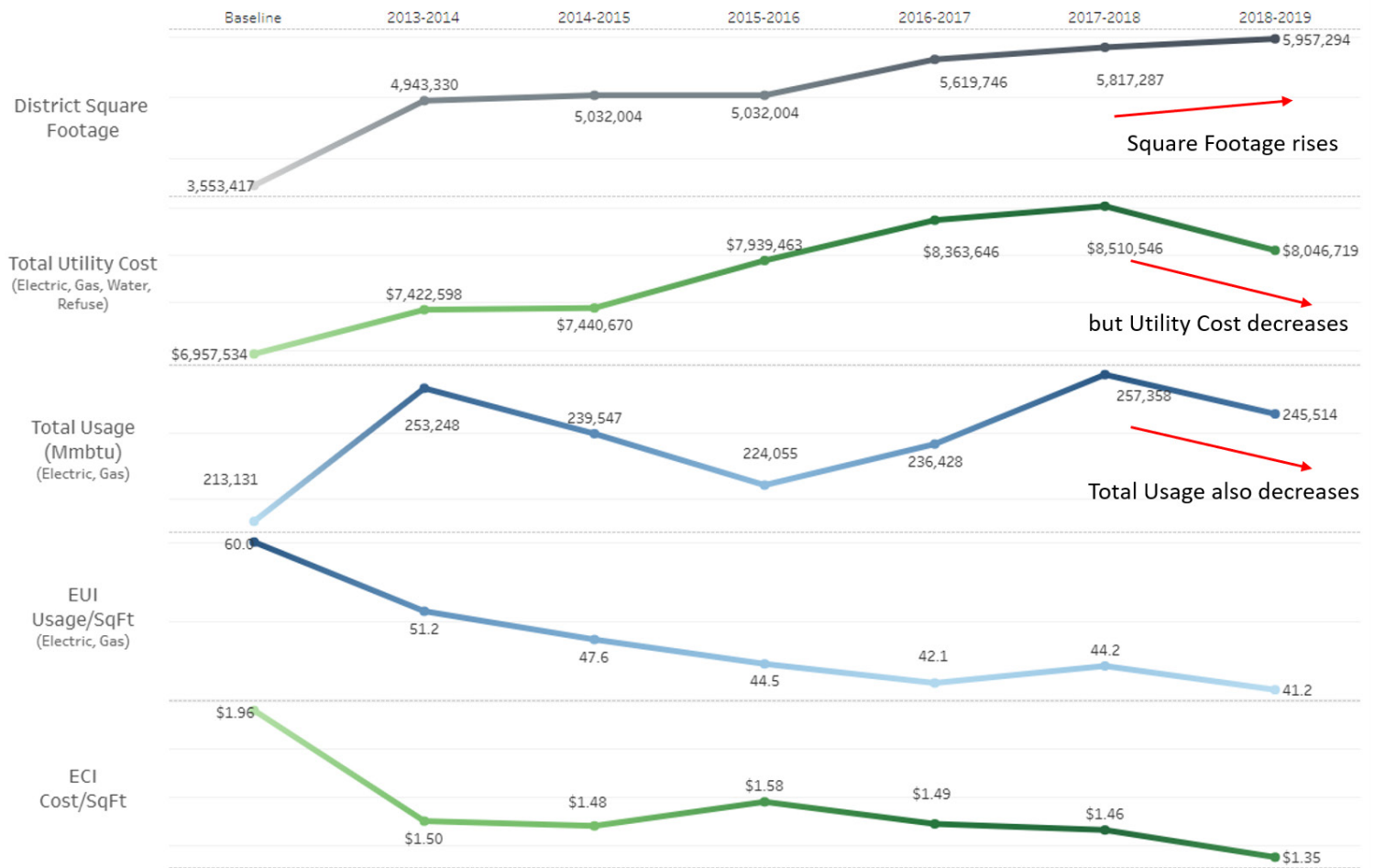
### Benefits of IFM for Denton ISD

- Cost reduction/mitigation
- Improved efficiency
- Right-sized support
- Utility monitoring
- Predictable cost structure
- Minimize backlog
- Single point of contact
- Growth options for employees

# TD PROVIDES SAVINGS OPPORTUNITIES FOR DENTON ISD



## Utility Performance Trends



Between 2018 and 2019, total square footage rose, but utility costs and total energy usage decreased.

## Results

In 2018, TDIndustries saved Denton ISD almost \$130,000 in utility bill savings – enough to hire two additional teachers, Superintendent Jamie Wilson said. These savings occurred while the total portfolio size increased from 5.8 million sf in 2018, to 5.95 in 2019. In that same time frame, total utility cost decreased from \$8.5 million to \$8 million, and total usage decreased from 257,358 million btu to 245,514. Additionally, TD’s energy monitoring service reduced natural gas costs by 25 percent. Beyond energy monitoring, TD’s energy tracking

program helped to identify a water usage spike. TD identified this data outlier as a water leak and promptly fixed it. Without the software, the utility company estimated that 10,000 gallons of water would have leaked before the problem would have been identified.

“We really work hard to find as many innovative ways as possible to get resources in the classroom,” Wilson said.

“One of the ways you do that is by having good partners who can help you do the different pieces that aren’t necessarily educating students, but they’re important for the work we do.”

