CEC Entertainment, Inc. Saves $1M Annually with ENTOUCH Smart Building Solutions

Five-Year Working Partnership Effectively Eliminates More Than 6.8 Million kWh with More Savings Projected

With an aim to reduce energy consumption, carbon emissions and utility costs, CEC Entertainment, Inc. (CEC) partnered with ENTOUCH to save more than $1 million annually in operational expenses, while decreasing its carbon footprint with the ENTOUCH.one platform and ENTOUCH.360 integrated, managed services.

THE CHALLENGE

CEC was spending approximately $25 million annually on utility bills across 580+ store locations. Without controls, connectivity or data, the CEC facilities team could not effectively manage operating expenses or capital asset planning across its large, geographically dispersed portfolio. Facilities teams were given the painstaking task of manually monitoring utilities and maintenance costs, without any insight into energy consumption or the health of their systems until repairs or replacements were needed.

Every maintenance issue was a fire drill, and the cost of energy and maintenance for HVAC systems and kitchen and gaming equipment became a financial burden too significant to ignore.

The company needed a platform for enterprise-wide visibility, reporting and analytics across its portfolio, with granularity down to rooftop units at individual locations.

> **ENTOUCH is saving us millions of dollars a year that would have otherwise been sunk into utility or HVAC costs. Their analytics help us make better decisions."**
>
> **Mahesh Sadarangani, SVP of Strategic Initiatives**
>
> **CEC Entertainment, Inc.**

THE SOLUTION

CEC partnered with ENTOUCH in February of 2013 and deployed its first 100 locations the following year. ENTOUCH is now in 560 sites and providing data-driven, holistic facility management.

CEC relies on ENTOUCH to proactively monitor and report on its energy consumption, HVAC, lighting and refrigeration equipment in real-time, using domain-leading technology and its cloud-based software application. Since the initial deployment, CEC continues to expand its relationship with ENTOUCH as new construction and retrofit opportunities unfold.

2013	**2014**	**2015**	**2016**	**2017**
ENTOUCH Selected	100 locations deployed	120 locations deployed, added controls for lighting and refrigeration	100 locations deployed, IT upgrades to support Play Pass equipment	240 locations deployed

KEY FEATURES & BENEFITS

Real-Time Energy Reporting and Analytics

Using the ENTOUCH.one platform, CEC can access dashboards that track energy consumption in real time, exposing deficiencies in operations, such as energy usage during peak customer hours compared to operating hours for store open and close. The system monitors when lights or equipment are left on, or refrigerator doors are left open during vacant hours, draining energy and increasing cost.

Facilities managers can analyze their portfolio from an enterprise view, using ENTOUCH as a single source of truth to analyze energy consumption by location, comparing high performance stores with less profitable stores to pinpoint where operating improvements are needed. ENTOUCH's advanced analytics help CEC compare sub-load level energy costs per square foot by location, ensuring a reduction in energy use and a more sustainable and socially responsible footprint.

Dedicated Account Management & Advisory Services

The ENTOUCH account manager has become an extension of the CEC team, conducting in-person "wellness visits" up to 5 times a month in addition to on-line quarterly business reviews (QBRs) to identify areas for improved performance and enhanced operating efficiencies to help drive rapid return on investment. With 360° service, CEC's limited staff can remotely manage operations, enforcing more stringent policies and tighter controls for lighting and temperature set points that result in reduced kWh and energy savings.

Predictive Maintenance Enabled by the IoT

Connectivity at CEC enables smarter buildings with predictive analytics and alerts that are triggered ahead of equipment malfunctions. These alerts prevent expensive repairs from third-party technicians and preserve HVAC systems. Each rooftop unit now utilizes IoT technology to report run time during vacant hours and identify where energy consumption against HVAC output can be optimized to further cut cost and extend equipment life.

ENTOUCH ENTERPRISE DASHBOARD
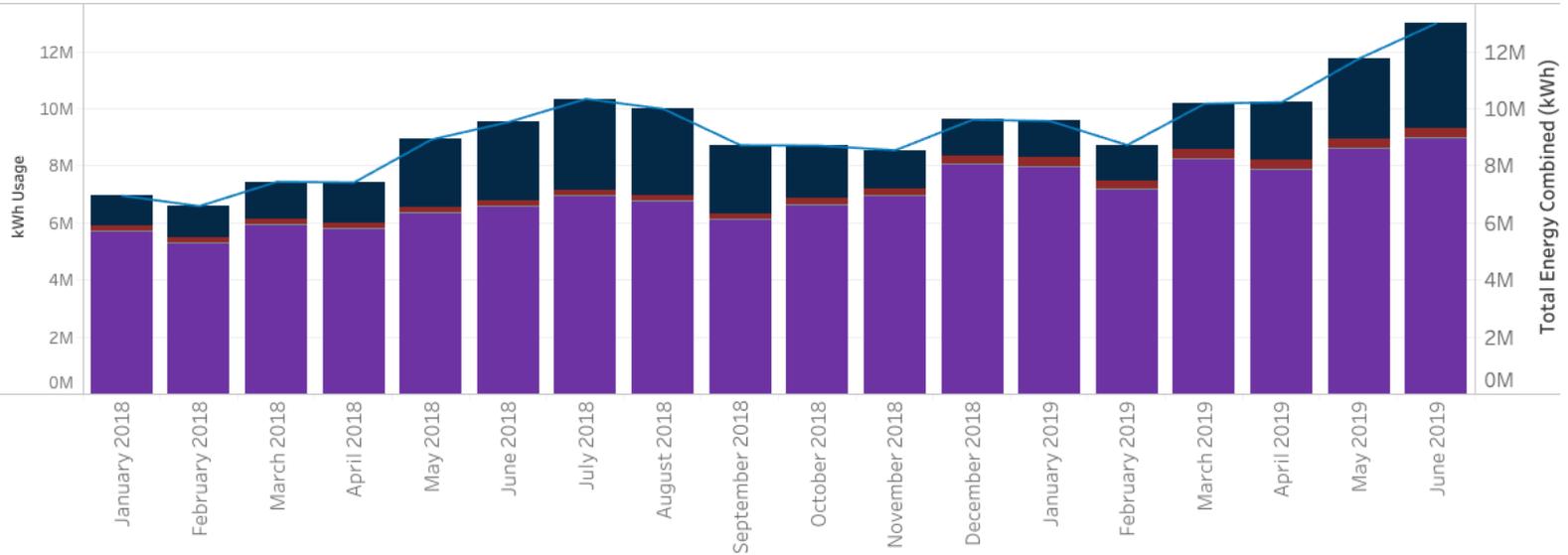
$4.74M	**$19.8M**	**12.1%**	**.95 year**	**39.6M lbs.**
Project Annual Utility savings	5 year cash flow	reduction in energy consumption	payback on costs	Annual reduction in carbon emissions

THE RESULTS

With ENTOUCH, CEC has gained deep visibility into their maintenance and energy costs, with expert decision support for better capital asset planning and reduced capital spending enterprise-wide. As the company continues to scale, ENTOUCH will continue to serve as a partner in sustainability and profitability.

Please visit us at

www.entouchcontrols.com

ENTOUCH

Improve Profits. Improve the Planet. One Building at a Time.