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 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 utilties and maintenance costs, without any insight into energy consumption or the health of their systems until repairs or replacements were imminent.

> "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., an Apollo Global Management Company

ENTOUCH
SMART BUILDING SOLUTIONS

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.

To achieve greater business efficiency, optimal equipment performance, sustainability and reduced operating costs, CEC decided to connect its systems, equipment, and facilities to building automation technology. The company needed enterprise-wide visibility, reporting and analytics across its portfolio, with granularity down to rooftop units at individual locations.

THE SOLUTION

CEC partnered with ENTOUCH in February of 2013 and deployed its first 100 locations the following year. ENTOUCH is now in 320 sites and counting providing data-drive, 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 a cloud-based software application. Since the initial deployment, CEC continues to expand its ENTOUCH relationship, as new construction and retrofit opportunities unfold.

2013
ENTOUCH selected for total facilities intelligence

2014
100 locations deployed

2015
120 locations deployed, added controls for lighting and refrigeration

2016
100 locations deployed with IT upgrades to support Play Pass equipment updates

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 gain a better understanding of where operating improvements are needed. ENTOUCH's advanced analytics also 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 per month in addition to on-line quarterly business reviews that pinpoint areas for improved performance and enhanced operating efficiencies to help drive rapid ROI. With this 360 service, CEC's limited staff can remotely manage operating costs and improve business efficiency, enforcing more stringent opening and closing policies, tighter controls for lighting and temperature set points, and operating procedures that result in reduced kWh and bottom-line savings.

Real-Time Analytics and Predictive Maintenance Enabled by 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 vacancy hours, and identify where energy consumption against HVAC output can be optimized to further cut cost and extend equipment life.
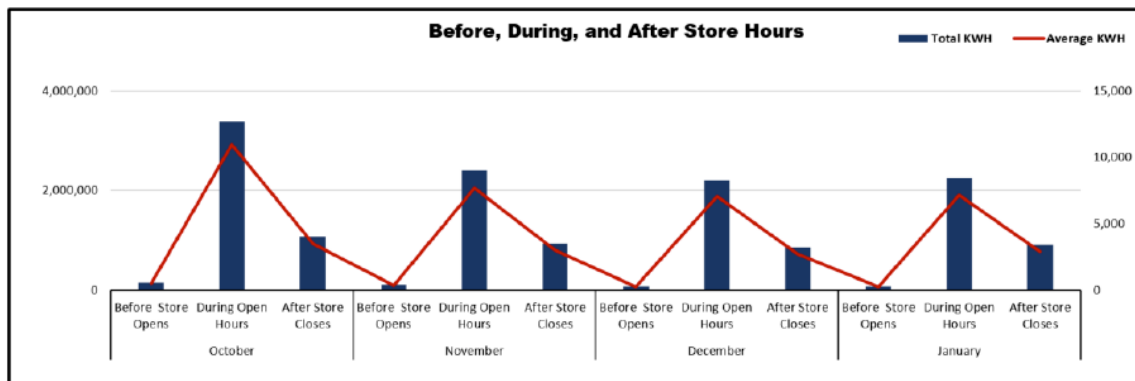
Energy usage by time of day

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.

CO₂

48,750lbs
of CO2 decreased per year
reducing carbon footprint

11%	**9,942**	**15-month**	**$1M**
reduction in energy consumption	less MWh per year	payback on costs to benefits	in total savings

AS THE COMPANY CONTINUES TO SCALE, ENTOUCH WILL CONTINUE TO SERVE AS A PARTNER IN SUSTAINABILITY AND PROFITABILITY.

GET SMART WITH ENTOUCH

Connect your facilities ecosystem over the cloud, wirelessly, and drive profitability, sustainability and customer satisfaction with ENTOUCH.

For more information, please visit entouchcontrols.com or call 1-800-820-3511.

ENTOUCH™
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