

ETACTIONA CASE STUDIES



Activity:

Computer game developer

Size:

4 floors with approx. 1000m²

Testimony: "With eTactica, CCP can monitor electricity usage all year round. We watch our load, ventilation, and lighting and we have utilized eTactica's energy consulting to achieve even greater savings."

—Sigfrudur Sigurdardottir, Office Manager

Reasons for Choosing eTactica: Maintenance, Savings

What was Done: We installed eTactica on one floor and one cabinet of the CCP building and the categories include: lights, general outlets, computers, air conditioning and equipment. We quickly understood what needed to be done to decrease their electricity usage. They began making sure that the lights are turned off during off hours as well as turning off the air conditioning for one hour each day.

Benefits: Within two months, thanks to the use of eTactica, CCP were able to decrease their electricity bill by 41% on lighting, and 31% on air conditioning. The overall savings for one year is 12%, despite an increase in CCP's labour force. If we do not consider this increase, their savings would be at 25%. Thanks to customized alerts, they monitor their air conditioning fans and save time and money by cleaning the filters when needed.

Expansion: CCP purchased eTactica to measure all cabinets on all floors in their Reykjavik office and they chose to install eTactica in their Shanghai office.



Activity:

International hotel chain

Size:

18,884 m²

Reasons for choosing eTactica: Monitor their usage and load, as well as save on energy costs.

What was done: We installed eTactica hardware in the electrical cabinets of both of Radisson BLU's kitchens, as well as in the cabinet corresponding to their HVAC system. They were interested in monitoring the usage and load especially on the HVAC.

Benefits: In August they saw that one cabinet as well as three branches under that cabinet were operating under overload, meaning increased cost and potential for failure. With the help of eTactica, they were able to fix this by October.

As a result of this, one out of two air conditioning systems were turned down, which yielded a drop in usage of 9%, and the total decrease of the usage of air conditioning is 7% and there is still room for more improvement. They also decreased the usage of equipment and devices by 14%.



Activity:

Furniture retailer

Size:

20,000m² and 220 employees

Testimony: "The eTactica system continuously provides us with new information to make it possible for us to track energy trends in detail and make measurable energy savings."

—Thorarinn Aevarsson, CEO IKEA Iceland

Reasons for Choosing eTactica: Maintain energy efficiency

What was Done: We installed eTactica in 3 cabinets down to branch level in the Ikea store. The eTactica system was able to show them where actions could be taken to save money on categories such as lighting and air conditioning.

Benefits: The overall decline in lighting cost, over a 4 month period after installation, was 10%.

Expansion: Ikea installed eTactica down to branch level in their entire store in Iceland.

BLUE LAGOON ICELAND

Activity:

Geothermal spa, wellness
and healthcare company

Size:

Approx. 400,000 visitors each year

Testimony: "To secure our quality services we monitor every aspect of energy usage. With eTactica we can monitor circuits to gain detailed information."

—Hartmann Karasson, Director of Operations

Reasons for Choosing eTactica: Monitor equipment and anticipate failure.

What was Done: We installed eTactica in 2 cabinets and one sub cabinet in the Blue Lagoon. The Blue Lagoon identified several anomalies, such as overuse of electricity on lights in several areas. We installed motion sensors in the basement and customised alerts on some pumps to anticipate failures.

Benefits: Just concerning lights, the restaurant area decreased by 20%, and the basement decreased by 59%. There was a total savings of 7% in electricity, but so far only 1/3 of the building has been monitored. They are now able to anticipate the need to have some devices (ex. pumps) maintained, to improve customer service.

Expansion: The Blue Lagoon has bought eTactica to monitor all of their existing cabinets. They are expanding their facilities and will install eTactica in their expansion.



Activity:

Leading global provider of advanced food
processing systems and services

Reasons for Choosing eTactica: Cost reduction and the fulfillment of environmental standards.

What was Done: We installed eTactica in 10 electrical cabinets, 4 cabinets for HVAC systems and 6 for their offices. Their ROI was in 10 months, where eTactica helped Marel see the waste in HVAC usage.

Benefits: Air Conditioning: The overall decrease in the air conditioning vents is 33% since they were reconfigured. The main savings come from off hour usage, including night time and weekends. Savings per air conditioning vent is from 7% to 48%.

Expansion: Marel has purchased eTactica to monitor and to alert on usage and load on their air compressors.



Do you want to explore improvements to your organization's energy efficiency? Take the first steps with eTactica's Starter Kit. The Starter Kit includes the basic components of a small installation. It also includes a 12 months free subscription to eTactica's cloud based software platform where you gain visibility on consumption and are able to define alert triggers.

