

CATALYST CASE STUDY

APTAR LOWERS OPERATING COSTS AND GAINS INSIGHT THROUGH CATALYST INSTALLATION

AptarGroup is a global company that works with product manufacturers to package liquids. These include products like perfumes, creams and soaps in components like bottles, sprays and pumps.

In Stratford, Connecticut, Aptar is an assembly operation. This location is 170,000 square feet and employs 200 workers. They recently added a 45,000 square foot warehouse division and because of Aptar's commitment to sustainability, it was important to make sure the building was energy efficient.

THE CHALLENGE

In addition to upgrading their lighting by replacing two thirds of the interior and exterior lights to LED, HVAC control was at the top of their priority list.

One unique aspect of the building is that there are 31 packaged rooftop units (RTUs) and they needed to tie them into a single energy management system. They also wanted this system to ensure they could participate when the local utility calls for a demand response event.

Timing was another important factor since implementing all of these upgrades at the same time would maximize the available incentives from the United Illuminating Company.

THE SOLUTION

Aptar decided on the [CATALYST](#) and [eIQ Platform](#) to support their desired energy goals. The [CATALYST](#) system would allow them to reduce their energy consumption, enable building asset control, and ensure that they could participate in any demand response events. As an added benefit, the [eIQ Platform](#) delivers reporting that measures and validates the total efficiency gains they have achieved after the building upgrades.

Aptar is committed to their sustainability goals and serves as a role model for other companies looking to make their facilities more efficient. As energy demands further increase, it is important that more companies make an effort to reduce their consumption.

POWERFUL RESULTS

The [CATALYST](#), [eIQ Platform](#) and LED lighting incentives enabled this Aptar facility to experience an **ROI of <1 year**.

By upgrading the RTU controls and lighting at the same time, Aptar received an additional \$104,000 in incentives for a total of **\$204,000 in incentives**.

"THE RESULTS OF THE [CATALYST] ENERGY MANAGEMENT SYSTEM HAVE JUST BEEN WONDERFUL. IT SHOWS YOU ACTUAL REPORTS OF THE ENERGY YOU WERE USING VERSUS WHAT YOU ARE USING NOW."

- SUSAN SCHNEITER,
DIRECTOR OF
ENVIRONMENTAL
COMPLIANCE
APTARGROUP, INC.