



Case Study

Cheetah Energy Control

From best-practice to standard practice: sustainability in Marriott kitchens through Cheetah

Achieved results for Marriott



16 hotels in Europe



Total savings of **€238,352 per year**



Total energy saving of **4,129,503 kWh per year**



Average payback time of **1.17 years**



Preferred supplier for Marriott

Between 2012 and 2015, 16 hotels of the Marriott Group throughout Europe have cut their energy usage substantially through installing the energy saving system Cheetah in their kitchen ventilation.

Increasing energy-efficiency of Marriott kitchens and realising substantial savings through the innovative Cheetah Energy Control is the goal of Sprinx.

Cheetah Energy Control

Cheetah controls the kitchen ventilation according to its actual need and guarantees efficient energy management. Sensors installed in the hoods measure the smoke and steam activity and temperature. Based on these data, Cheetah adjusts the frequency drives accordingly. Cheetah is applicable in all existing and new professional kitchens.

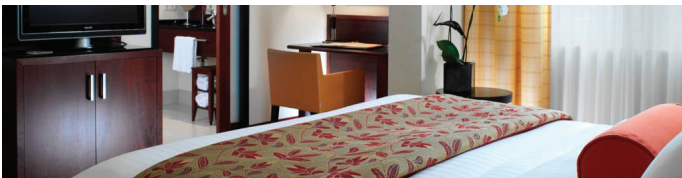
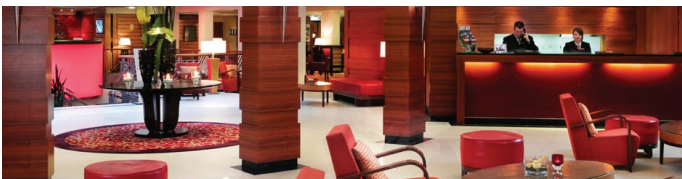
Cheetah benefits

- Substantial energy savings: **60% - 70% on electricity; 40% - 50% on conditioned air;**
- Reduces energy consumption **immediately;**
- Short payback time: **between 0,5-2 years;**
- **Hassle-free installation:** can be installed without interrupting the kitchen staff in their cooking activities;
- **Remote monitoring** via Data Logger;
- **Improves your company's carbon footprint.**

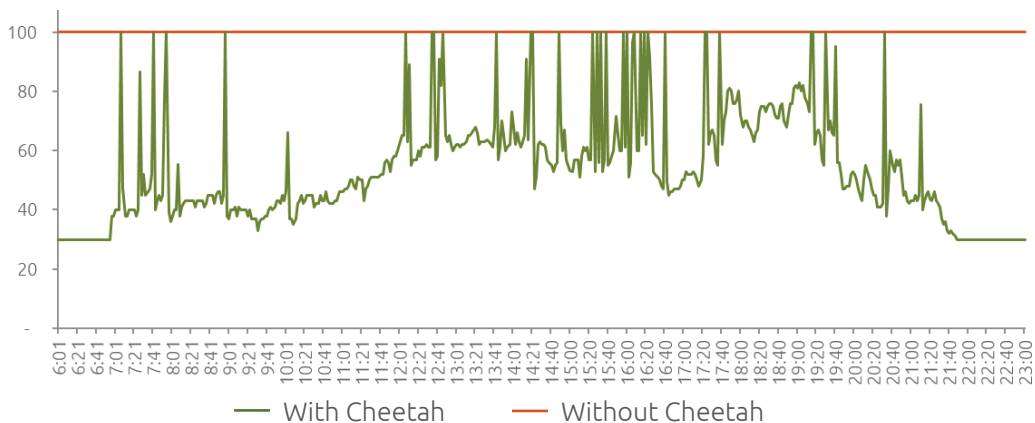
Preferred supplier

Cheetah installations Sprinx has realised for the Marriott Group are:

- Köln Marriott Hotel
- Hamburg Marriott Hotel
- Heidelberg Marriott Hotel
- Ritz-Carlton Vienna
- JW Marriott Cannes
- Renaissance Paris Hotel Le Parc Trocadero
- Ghent Marriott Hotel
- Brussels Marriott Hotel
- Courtyard by Marriott Brussel
- JW Marriott Bucharest Grand Hotel
- Courtyard by Marriott Prague Flora
- Prague Marriott Hotel
- Courtyard by Marriott Budapest
- Budapest Marriott Hotel
- Renaissance Amsterdam
- Amsterdam Marriott Hotel



Engine RPM with and without Cheetah (in %)



About Sprinx

Sprinx was founded in 2009 with the goal to achieve energy savings. Sustainability, innovation and providing services are the key points of all activities.

Inspiring and innovative in energy savings

Sprinx invests in sustainable solutions with short payback times and immediate results, i.e. saving costs on your energy consumption.

We do this with our innovative Cheetah Energy Control, the Vickers Energy Management System and our Energy Management service.

Sprinx operates throughout Europe and the Middle East with offices in Rotterdam, Wuppertal and Neustadt an der Weinstraße.