

case study



Crowne Plaza Abu Dhabi-Yas Island's continuous journey to operational efficiency

With the insight provided by the Attune Advisory Services Operations Awareness solution, Crowne Plaza Abu Dhabi-Yas Island, achieved a 240% return on investment in operational savings within the first 12 month period.

Honeywell

 CROWNE PLAZA
ABU DHABI - YAS ISLAND

Crowne Plaza Abu Dhabi-Yas Island

Background

The Crowne Plaza Abu Dhabi, located in Yas Island Abu Dhabi caters to business, executive and recreational travelers. Positioned as business and leisure travelers, this 8 storey hotel was established in 2009, has a total 428 guest rooms and is strategically located in the sports and entertainment hub. Crowne Plaza Abu Dhabi Yas Island is part of InterContinental Hotels Group (IHG), one of the world's largest hotels company with over 674,024 rooms and 4608 hotels across over 100 countries.

Business Drivers

Driven by IHG's International Green Engage Programme, Crowne Plaza Abu Dhabi Yas Island continually strives to improve efficiency, operate more sustainably and measures the daily impact of running their hotel on the environment. With an annual sustainability goal, Crowne Plaza Abu Dhabi Yas Island was in need of a solution, not requiring a major investment, to reduce their carbon footprint and monitor the efficiency of their operations.

The Solution

Recognising Crowne Plaza Abu Dhabi Yas Island's commitment to continuous improvement of their operation efficiency, Attune Advisory Services was a fitting solution. Over an initial period of 12 months, the Operations Awareness contract involved:

- 24/7 web-based monitoring of the facility, collecting data from the building management system, highlighting when the building was running outside the desired conditions.
- Monthly report translating the data captured into recommendations and actions to improve the operational efficiency of the facility.
- Regular engagement with the Honeywell team to discuss the recommendation of the report to identify the tuning requirements of the facility which will deliver greatest savings.

Honeywell implemented a number of changes – some of which were covered under the associated maintenance contract. The intelligence gathered from the monthly reports proved particularly insightful being able to pin-point anomalies in plant configuration within the facility, enabling hotel management and Honeywell to adapt their use of the plant. Other, recommendations included the replacement of defective sensors and valve actuators and the need to change logical programming of air handling units to enable a more consistent temperature throughout the hotel.

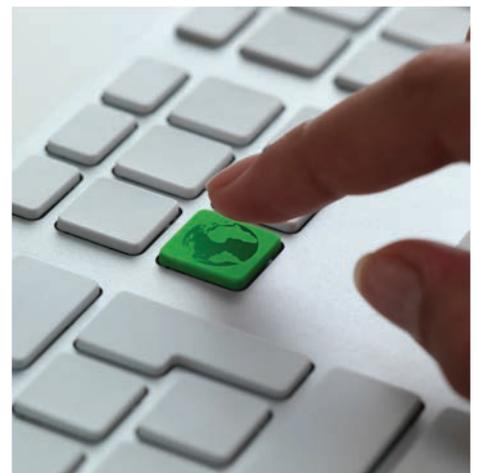
Business Outcomes

- ✓ Over a 12 month period, Crowne Plaza Abu Dhabi Yas Island achieved \$34,000 savings from a \$10,000 investment, exceeding the savings target of \$20,000.
- ✓ Attune Operations Awareness has contributed to more than a quarter of the metrics tracked by IHG's International Green Engage Programme
- ✓ No disruption to hotel services, hotel conditions or hotel guests was incurred.
- ✓ The reports are presented in an easy-to-understand format, highlighting the value of potential savings, enabling Crowne Plaza Abu Dhabi Yas Island to prioritise and focus on actions that would deliver the greatest operational efficiencies.
- ✓ 24/7 web-based monitoring pin-pointed anomalies and provided early warning of mechanical and operations failures, avoiding unnecessary delays before failures are noticed and creating a consistently comfortable environment for guests and staff.



Honeywell has excellent service with knowledgeable staff and quality solutions committed to energy savings for cost and environmental impact.

David Bosch, Crowne Plaza Abu Dhabi Yas Island



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Honeywell Building Solutions

Regional Head Offices for South East Asia, Pacific, Middle East & Sub Saharan Africa

Australia, North Ryde, NSW, +61 2 9353 7000

India, Pune, +91 20 6603 9400

Middle East, Dubai, United Arab Emirates, +971 4 3244 240

New Zealand, Auckland, +64 623 5050

South East Asia, Singapore, +65 6355 2828

Sub Saharan Africa, Midrand, +27 11695 8000

E-mail: energy.efficiency@honeywell.com

www.honeywell.com

CS564-0513en

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