



A Building Clouds Solution

Maximizing Guest Experience While Minimizing Energy Usage

Enhancing Hotel Efficiency, a Case Study

In today's hospitality industry, **efficiency** is key to ensuring seamless operations and enhancing guest experiences. For a Silicon Valley hotel with limited staff, **prioritizing guest comfort while reducing energy consumption** was crucial. This case study explores how a Building Clouds solution, delivered through a local Digital Partner, **transformed the hotel's operations**.

The hotel, part of a top 10 worldwide chain, faced challenges in **optimizing efficiency, reducing energy costs, and increasing guest satisfaction with limited resources**. With forty-one water sourced heat pumps, cooling tower and pumps, a complex boiler system, and HVAC units serving both employees and common areas, management struggled to maintain efficient control. Manual monitoring and adjustments were **time-consuming and prone to errors**, leading to inefficiencies, increased energy usage, and more guest complaints.



Recognizing the need for a comprehensive solution, the hotel turned to one of Building Clouds' Digital Partners. Utilizing **cutting-edge technology and expertise in building management systems**, Building Clouds designed a tailored, centralized monitoring and control system. This system provided **real-time insights into the performance of heat pumps, boiler systems, and HVAC units**, and allowed for immediate updates to common area schedules.

The impact of Building Clouds' solution was **immediate and significant**. With **precise control over building systems**, the hotel experienced a notable **reduction in energy consumption and operational costs**, eliminating common overtime for the maintenance staff. Automated heating, cooling, and ventilation systems optimized comfort levels for guests and employees while minimizing waste. The building manager reported **substantial improvements in efficiency** as manual interventions were replaced with automated processes, freeing up time for more strategic tasks.

Solution Components

- Opendiem SAAS by Building Clouds
- BMS Assurance by Energy ETC
- Pre-configured kits for easy install

Solution Benefits

- Improved Guest Experience Rating
- Lower Operational Costs
- Reduced Energy Consumption

Building Clouds™

3229 Whipple Road
Union City, CA 94587

Connect – Monitor – Correct

www.buildingclouds.com

sales@buildingclouds.com

866.580.3579