



Improve the climate
in your guestrooms.
Not to mention
in the boardroom.



Hotel Building Management Solutions



How expensive does running a hotel have to get before

You've built your hotel's reputation by taking care of your guests. Nothing is more important to your business than providing the comfort, security and care they've come to expect. But the cost of providing that care keeps rising.

What can you do? You can modernize and integrate your building systems for more efficient control of all your building operations. Your guests will be more comfortable, your facility more efficient and your hotel more profitable.

TAC can help. Just as we have helped leading hotels worldwide, TAC knows how to make everyone more comfortable, from your guestrooms to your boardroom.

The benefits of the new TAC BMS include "flexibility and adaptability as the hotel is slowly modernized, as well as an underlying reduction in energy costs while maintaining an optimum environment for our customers."

~ Ema Pogacar, Manager, Park Hotel, Lake Bled, Slovenia



you start thinking differently about your building systems?

Hotel owners incur operating costs whether rooms are full or not. Which means exceptional service must begin before guests arrive. How do you minimize the operating costs of maintaining an empty room, yet make sure it is ready to serve the moment a guest registers?

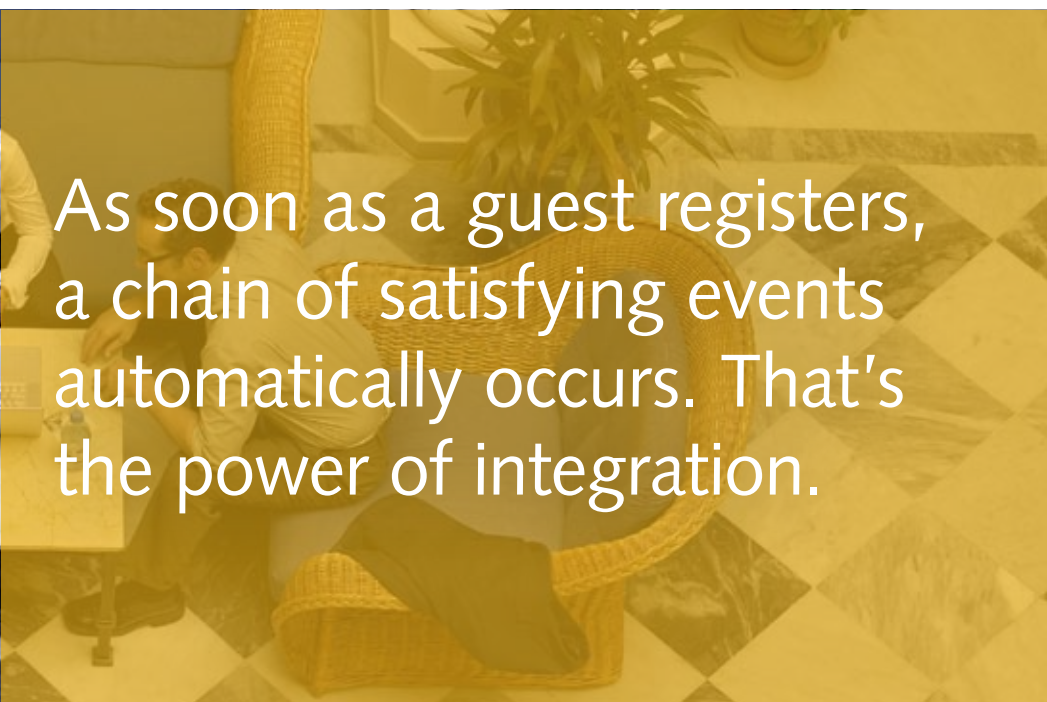
TAC helps you balance the need for service with the need to control costs with integrated building systems that start working as soon as a guest signs in. Because our systems are open and fully integrated, every control system can be linked to every other system, including

those from other vendors. TAC even integrates comfort with security, booking and financial systems to provide comprehensive control over your hotel operations.

For example, using a special room controller, your front-end booking system can automatically set the room's HVAC and electricity controls to the right settings for each particular guest—creating a customized guest experience. Furthermore, management can override guest settings and throttle back controls when they are set to extremes.

Integration does more than help you today. It helps you plan for tomorrow as well. With TAC's open systems approach, your future expansion or renovation projects can be easily integrated with your building management system.

Great service happens guest by guest and room by room. With TAC, your energy and environmental controls can operate the same way. And your profits can rise along with your reputation.



As soon as a guest registers, a chain of satisfying events automatically occurs. That's the power of integration.

Integration



Hilton Copenhagen Airport needed a sophisticated monitoring and control tool to keep its automation subsystems running smoothly. Since comfort depends greatly upon room temperature, TAC integrated HVAC control with the hotel's booking system to trigger an adjustment in heating and cooling when guests check in and out. This feature provides an efficient way of controlling energy costs for unoccupied rooms.



No facility issue is more vital in the hospitality industry than security—for your guests, staff and everyone who comes to your hotel.

But at the same time, security measures shouldn't call attention to themselves. The best security system is one that is all-inclusive, seamless and unobtrusive.

Together with its security partner, Integral Technologies, TAC helps you accomplish this by providing integrated solutions for all security systems, including:

- Intrusion alarms
- Video surveillance within and around buildings and parking
- Access control for floors and guest rooms
- Fire protection and life safety systems

With TAC, you have a central point of control for building and room access, monitoring and CCTV/digital video systems. Your security staff can quickly determine why alarms have occurred, identify the cause and respond rapidly.

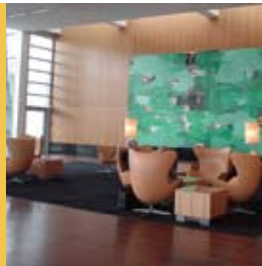
And because TAC's building management systems are pre-designed to integrate with security, the benefits go beyond safety.

Hotels can reduce costs by installing access control in a building with an existing TAC building management system.

Integration of security also provides ongoing savings from serviceability, operations and maintenance.

You can add TAC systems one step at a time, or start with a comprehensive single-system strategy from day one. Either way, TAC will help make your guests, and your reputation, as secure as possible.

A security system that safeguards your guests, your staff and every one of your gold stars.



Security

S



How to make guests feel like they have 24-hour control of a room they're in only a fraction of the time.

When guests check into their rooms, they want to feel the room is truly theirs. They want to control it as they would their own home, with the temperature set how they want, the curtains open or closed, according to their wishes.

Yet hotel operators need to carefully manage energy use in every room. With TAC, you can give your guests the control they want, without giving up control of your hotel.

At the Westin Resort in Macau, for example, TAC solutions help by monitoring the cooling load and shutting down a chiller when the load is light. The ventilation program strategically turns specific fans on and off based on need. And, the temperature control programs compare air temperatures with set points to activate the HVAC equipment to meet them.

Before the TAC solution, the resort needed an extra person per shift to walk around to every location in the hotel to manually check temperatures and turn equipment on and off.

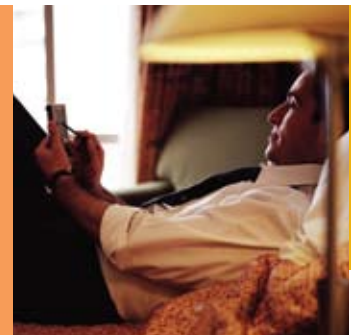
With TAC, the Westin Resort has efficient control of all its systems—and the guests feel in control of their rooms.



Comfort



TAC received the 2006 Frost & Sullivan Excellence in Technology Award in the field of Integrated Building Systems.




Some of the many hotels worldwide that use TAC solutions:

Westin Resort, Macau, China; Park Hotel, Lake Bled, Slovenia; Four Seasons Hotel Hong Kong, Hong Kong, China; Radisson SAS Bay Point Hotel, St. Julians, Malta; Lindermann Island Resort, Queensland, Australia; Sheraton Cordoba Hotel, Cordoba, Argentina; Park Hyatt Seoul, Seoul, Korea; Mandarin Oriental Hotel, Manila, Philippines; Hesperia Tower, Barcelona, Spain; Ritz Carlton, Bachelor Gulch, Beaver Creek, Colorado; The Breakers, Palm Beach, Florida; San Francisco Marriott, San Francisco, California; Cancún Palace, Cancún, Mexico; JW Marriott Bucharest Grand Hotel, Bucharest, Romania; City Stars Centre, Cairo, Egypt; Spa Hotel Rantasipi Eden, Nokia, Finland; The David Intercontinental, Tel Aviv, Israel; Hyatt Regency Köln, Köln, Germany; Grand Hôtel Stockholm, Stockholm, Sweden

How much can energy-efficient solutions save a hotel? Imagine just one simple solution: a motion sensor in every guest room. This low-cost device can be linked to the TAC building management system to detect when a room is occupied and when it is empty. Since guest rooms make up more than 30 percent of a hotel's energy use, the savings from this approach alone are substantial.

But TAC can take your hotel much further. TAC is a global expert at helping hotels achieve energy-efficient buildings and energy conservation, without sacrificing guest comfort. We can even provide extended services for managing your building operations, so you can focus on serving your guests.

Talk to TAC about building management solutions customized for your hotel's needs. Your guests will thank you, and so will your CFO.

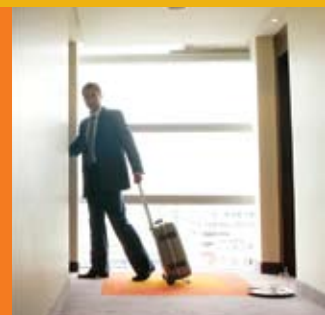


A room that knows when it's occupied and when it's empty can save up to 30% in energy usage.

Energy



www.tac.com



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