**Page Title:**

Hotel Wireless plus HVAC Equals Savings

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**Meta title:**

Hotel Wireless Plus HVAC = Savings | Deep Blue Communications

**Meta description:**

Hotel wireless networks enable connectivity to HVAC and other guest room systems. Contact Deep Blue Communications today to increase room comfort & efficiency.

**Meta keyword:**

Hotel wireless

**H1:** Hotel Wireless Is Changing The Entire Guest Environment

[Hotel wireless networks](http://www.deepbluecommunications.com/hotel-wireless-solutions/) are beginning to move beyond just delivering Internet access to guests, to becoming an important piece of hotel infrastructure. Advances in WiFi networking are helping to make new innovative guest room technologies an enticing and real possibility. Imagine having the capability to have a vacant room automatically heated to a warm and inviting 72 degrees on a cold winter’s day at the very moment that a guest checks in. Then when the guest arrives in their warm room, the accent lights, which were placed to highlight the room’s most attractive features, are turned on, creating that lasting first impression of welcoming comfort. Reliable and secure, wireless networking innovations have opened the door to new technologies and new possibilities that can enhance the guest experience and virtually every aspect of the room.

Providing power, heating, and cooling to your hotel are significant operating expenses, and they are likely to increase given the trend in energy prices. Your hotel, like most properties, most likely depends on wired controllers (thermostats, motion detectors etc.) to control the distribution of HVAC and electrical power. Wiring is expensive to install and expensive to repair, and while most room controllers are programmable, they cannot provide feedback on guest comfort to maintenance engineers. Using WiFi, these devices are able to relay information back to a central location. This allows hotel engineers to adjust thermostat programming for one room, or all rooms, with access to both guest comfort and energy efficiency information.

Your WiFi network can provide a solution that could make your HVAC operating costs dramatically less.

**H2: Hotel Wireless is Super-efficient, cost-effective, and low maintenance**

Wireless technology, and devices that run on wireless, have seen dramatic advances in the past few years and have now come into their own as essential tools for hotels and property managers.

A key development in WiFi technology has been the advances in mesh networking. A mesh network allows devices like wireless access points (APs) to connect guests to the Internet, and it also allows other access points to connect through it, allowing guests that are further away Internet access even when there is no wiring available for an additional AP. Not only has the concept of mesh networking carried over into other wireless systems, it also allows these systems and devices to connect back to the hotel’s network and property management system (PMS).

Deep Blue Communications, a Top Dog Partner of [Ruckus Wireless](http://wireless-ruckus.com/), installs Ruckus’ SmartMesh APs, which enable them to build cost-effective and high-performance hotel wireless networks that are the most reliable in the business. Not only are SmartMesh networks cost-effective to build, but with Deep Blue Communications proactive support plans, you are can be confident that your network will continue to run at its peak performance, continuing to deliver reliable WiFi for guests and providing all the security needed to connect the plethora of your hotel’s systems.

With an ultra-reliable network, the door to a completely new world of communications has opened up; and it comes with the opportunity to run a more energy and financially efficient hotel.

The list of benefits of wireless devices is growing for both new and existing properties.

* **Reduced Costs-** In new construction, a WiFi network has no equal. The savings on installation alone makes it the most cost-effective solution for providing network connectivity for both guests and hotel operations. No huge crews of technicians and electricians to run data and low-voltage wires are necessary. There is no limiting of the placement of APs and other controllers by wiring constraints. The hotel’s wireless devices can be installed unobtrusively and quickly.
* **Lower Maintenance and Self-Healing Qualities-** Maintenance on the wireless systems are centrally managed and Deep Blue Communications can monitor all aspects of the WiFi network from their network operations center in New York. Even if a guest has a problem, with Ruckus’ SmartMesh technology the network most likely corrected the problem itself before they even had to pickup the phone.
* **The Big Payoff-** In addition to the significant labor savings during installation, the savings possible by adding HVAC and other systems through wireless network are huge. According to the Frost & Sullivan report, [*Wireless Communication - The Opportunity is Knocking*](http://www.frost.com/sublib/display-market-insight-top.do?id=188064657)*,* “Since energy-efficient control systems typically produce double-digit savings, the ability to go wireless for low installation costs is a powerful incentive for many organizations. By installing a wireless mesh control network over a wide area, many organizations can reduce wasted lighting and heating expenditures by 50 percent.”

How would those savings add up on your hotel’s bottom line year after year?

If you would like to learn more about how a hotel wireless network built by Deep Blue Communications can benefit your property, visit [Deep Blue Communications](http://www.deepbluecommunications.com/hotel-wireless-solutions/) or call us at 1-866-943-4333.