Lodging Technology
LTC ENTERPRISES, LLC

INNOVATOR IN ENERGY MANAGEMENT

GEMLink® WIRELESS
Energy Management

Determine physical presence of guests in rooms by detecting infrared body heat

Provide guests complete control of room environment while in the room

Take control when guests leave the room, and reset temperature to energy conserving levels

Let us show you how to reduce room energy costs 35% to 45% …

Reduce wasteful HVAC consumption - *save up to $200 per room each year*, depending on local climate and energy costs.

Rapid Return on Investment (ROI)

Completely wireless and easy to install; superior battery life; uses the ZigBee wireless protocol

Connects to any HVAC system, including PTAC's, Split Systems, and Fan Coil Units of any voltage

Designed and manufactured in the United States in Internationally Certified 9001:2008 facilities

For a FREE Quote:
Call Toll Free (800) 524-2680
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Cost Effective Guestroom HVAC Controls

■ **Save Energy and Money**

GEM Link® Wireless reduces wasteful HVAC consumption 35%-45%, with rapid ROI. The quickest and most effective way to significantly reduce operating costs is through HVAC energy management. Air conditioning and heat typically consume 85% of guestroom energy. However, rooms are usually empty 65% of the day while the HVAC unit continues to run.

■ **Easy to install and program**

GEM Link® Wireless can be installed in retrofit or new construction applications in about 30 minutes per standard guestroom.

■ **Versatile**

- GEM Link® Wireless connects to any HVAC unit of any voltage with any type thermostat, including PTACs, VTACs, Split System, and Fan Coil Units.
- GEM Link® Wireless is programmable to reduce both HVAC and lighting expense.
- GEM Link® can also control other appliances such as electric water heaters and two-burner cooktops found in condo/ hotel suites.

■ **Product support for the life of the system**

Lodging Technology provides support for GEM Link® Wireless for the life of the system.

Room Status Scanner™ ("RSS")
An Optional Feature of GEM Link® Wireless

Allows authorized hotel personnel to determine from the hallway whether a person is actually present inside a guestroom.

- *STOPS* needlessly disturbing guests
- Eliminates unwanted and embarrassing intrusion upon the guest while asleep, dressing, or in the shower
- Improves staff efficiency – saves time & money
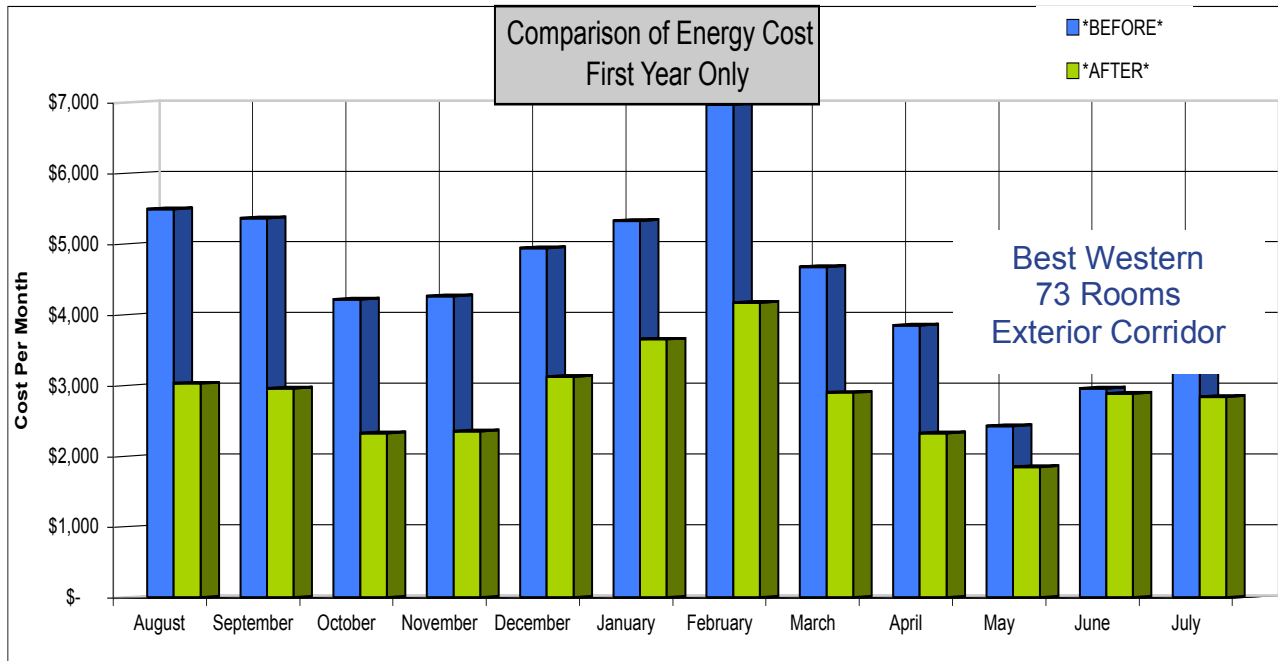- Automatically tests GEM Link® operation, each day, ensuring maximum savings

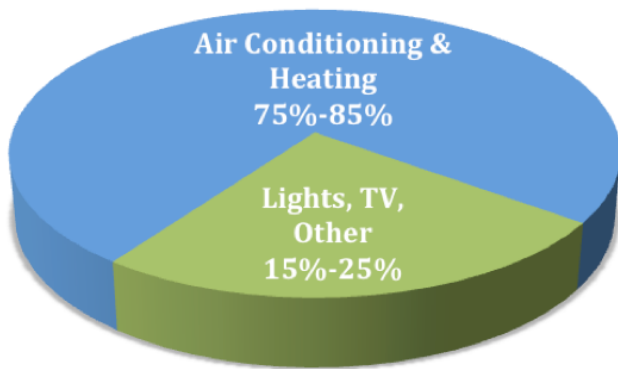If someone is in the room, the "**OCCUPIED**" indicator on the RSS will illuminate *RED*.

If no one is in the room, the "**VACANT**" indicator on the RSS will illuminate *GREEN*.

Our customers experience reduced energy consumption and expense in their properties.

Comparison of Energy Cost First Year Only

Legend: ■ *BEFORE* ■ *AFTER*

Chart — Cost Per Month (y-axis: $-, $1,000, $2,000, $3,000, $4,000, $5,000, $6,000, $7,000) by month (August, September, October, November, December, January, February, March, April, May, June, July)

Best Western
73 Rooms
Exterior Corridor

The **Sandman Inn in Sacramento, CA** has been saving $1,500 per month on their electric bills after installing the GEM System® Guestroom Energy Management System and GEM Stat™ Digital Thermostats two years ago. "We are saving an average of $1,500 per month on our electric bills since we installed the GEM System® Energy Management System," said Chuck Sarti, Owner/Operator of the Sandman Inn. He continued by saying, "Our goal was to reduce the annual electric bill cost by $15,000 per year and we are very pleased to have exceeded that goal with a savings of $18,000 per year."

Pie chart:
- Air Conditioning & Heating 75%-85%
- Lights, TV, Other 15%-25%

Guestroom Energy Facts

Heating and cooling is the largest guestroom expense that hotels incur, consuming up to 85% of room energy. On average, guests only occupy rooms about 35% of their stay, but often leave air conditioner or heat on the remaining 65% of the time while they're out of the room.

"Saving Energy Saves Everything" ….
while increasing profits and promoting your property
as an environmentally responsible business

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HOSPITALITY

CONDO/TIMESHARE

EDUCATION

Hoteliers who seek innovative ways to reduce waste, increase profits and benefit the environment should consider the financial and guest benefits of GEM Link® Wireless

About Lodging Technology

The originator and unsurpassed leader in infrared sensor-based energy conservation for the hospitality industry, Lodging Technology has become one of the most trusted names in energy management and has sold its products across the U.S. and internationally since 1980. We help hotels, motels, and resorts increase their bottom line profitability by bringing together leading edge technology and extensive experience in the lodging industry.

We offer comprehensive and customized solutions, and personalized services second to none. We approach these solutions from a "hotel operations" point of view, therefore we provide energy savings without compromising guest service.

Although primarily designed for hotel guestrooms, GEM Link® Wireless is equally applicable to school/college classrooms and dorms, multi-bedroom vacation rental homes, military lodging facilities, offices, and other areas which are physically unoccupied for long periods of time.