



Maximize **energy efficiency** at your property **today!**

Magnum Innovations

Enhance comfort. Increase efficiency. Limit maintenance.

EXCLUSIVE EnOCEAN LONG RANGE

Intelligent hospitality energy management solutions

At Magnum Innovations, we recognize the pressure hotels are under when it comes to reducing energy consumption on their property. When it comes to a hotel's energy costs, unnecessary lighting, cooling and heating for hours can pose a significant drain on the bottom line. Magnum's innovative energy management solution, which utilizes self-powered wireless technology, allows facilities staff at these properties to monitor, manage and control a location's energy consumption. Taking control of, and optimizing operational systems, can result in energy savings between 25 and 45 percent.



No Existing Thermostat

By pairing the HVAC Control Board (M9-MTB) with our wireless, battery-free Room Controller (M9-RPW), your property can now provide the ability to enhance the guest's comfort, while maximizing energy efficiency. This solution is compatible with most HVAC systems, and can be integrated into any BACnet/IP building automation system.



Intelligent 24V Thermostat

Magnum's Intelligent 24V Thermostat (Mx-TS1) controls the heating and cooling unit based on your property's desired presets. When paired with a Key Card or Occupancy Sensor, the thermostat will be controlled based on the occupancy status of the guest room.





HVAC Controls & Wireless Sensors



Wireless Lighting Nodes and Controls



Wireless Remotes



Wireless Plugload Controllers

Magnum Gateways

Access Point | BACnet/IP | Amazon AWS



BACnet/IP Integration

Amazon IoT Integration

Software Integration

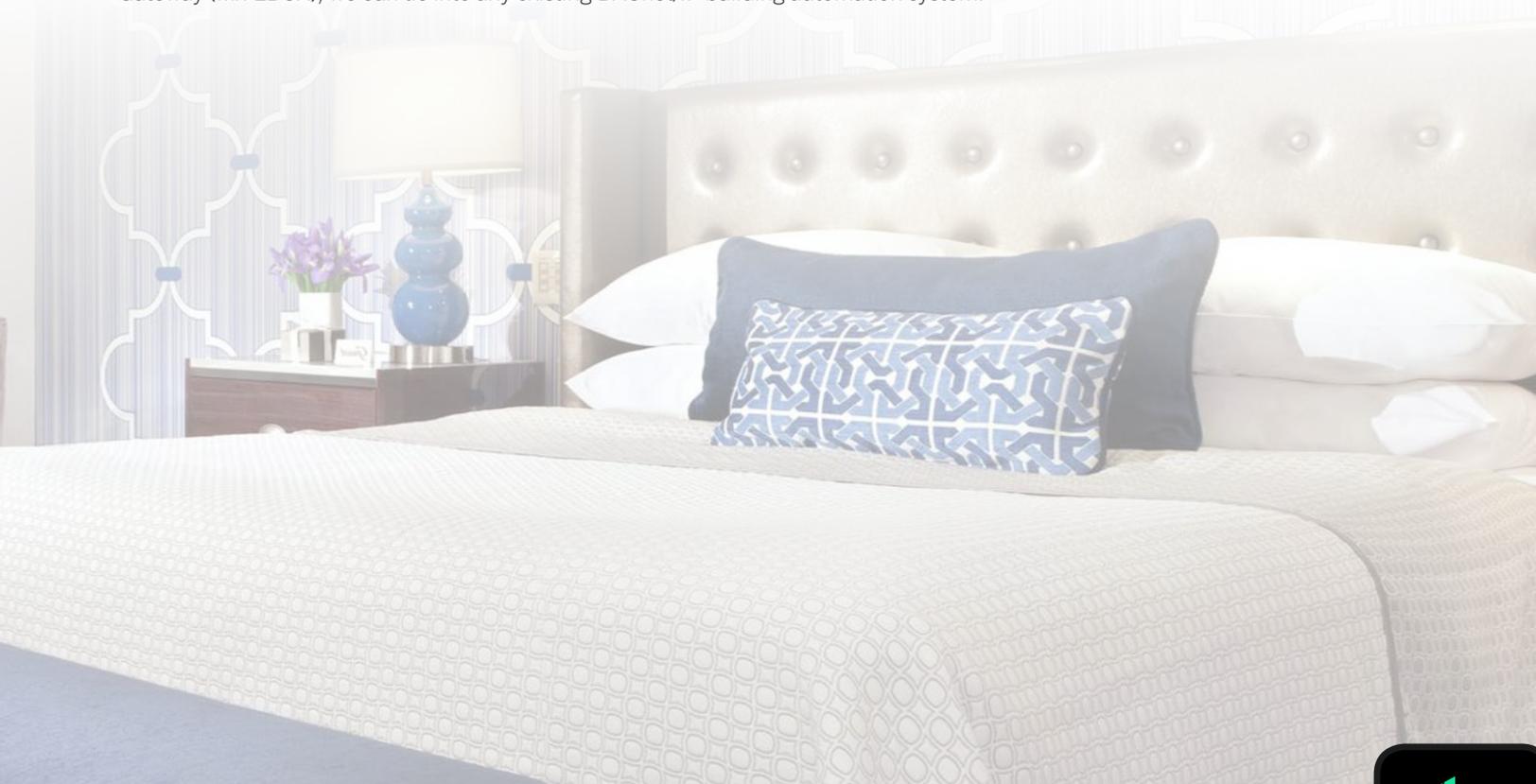


Existing BACnet/IP BAS

VenergyUI (Desktop & Mobile)
Cardinal (Amazon IoT)

Building Automation Software: VenergyUI & BACnet/IP Integration

Venergy UI is an affordable and customizable building automation solution that allows for increased comfort, greater flexibility and convenience for both building owners, managers, facilities staff and occupants. The Venergy UI platform utilizes leading edge wireless and battery free technology and includes HVAC, plug load and lighting control solutions. The easy to use, PC based interface enables room based, floor based, entire building and even campus wide monitoring and control capabilities. With implementation of our BACnet/IP Gateway (Mx-EBOX), we can tie into any existing BACnet/IP building automation system.



Efficiency, Everywhere.

Reach a new level of efficiency with LED lighting upgrades across your entire property. This solution provides energy efficient bulbs, fixtures and controls that can adapt to any indoor or outdoor environment. We are able to customize your design, tying it back into your existing Building Automation System (BAS), or hosting your system on a customized Amazon Web Services Platform. Our flexible, scalable and affordable technology keeps your property efficient and money in your pocket.



“Within three months of installation, we are seeing significant savings in our energy costs.”

JOSE ACOSTA | PENN CLUB, NYC
DIRECTOR OF ENGINEERING

