

# Radiator Energy Savings

*"Finally, a way to control radiant heat from radiators."*

## Project Requirements:

- 950 Square foot university housing
- Add actuator valve, temperature Controller, and door/window sensor to save energy and add comfort for residents
- Optional BACnet Gateway for Building Management System integration

## *Wired - non ILLUMRA Solution:*

- 2 days - 1 HVAC professional and a building contractor
- Material costs - new wiring and conduit
- Installation and repair of walls impact students

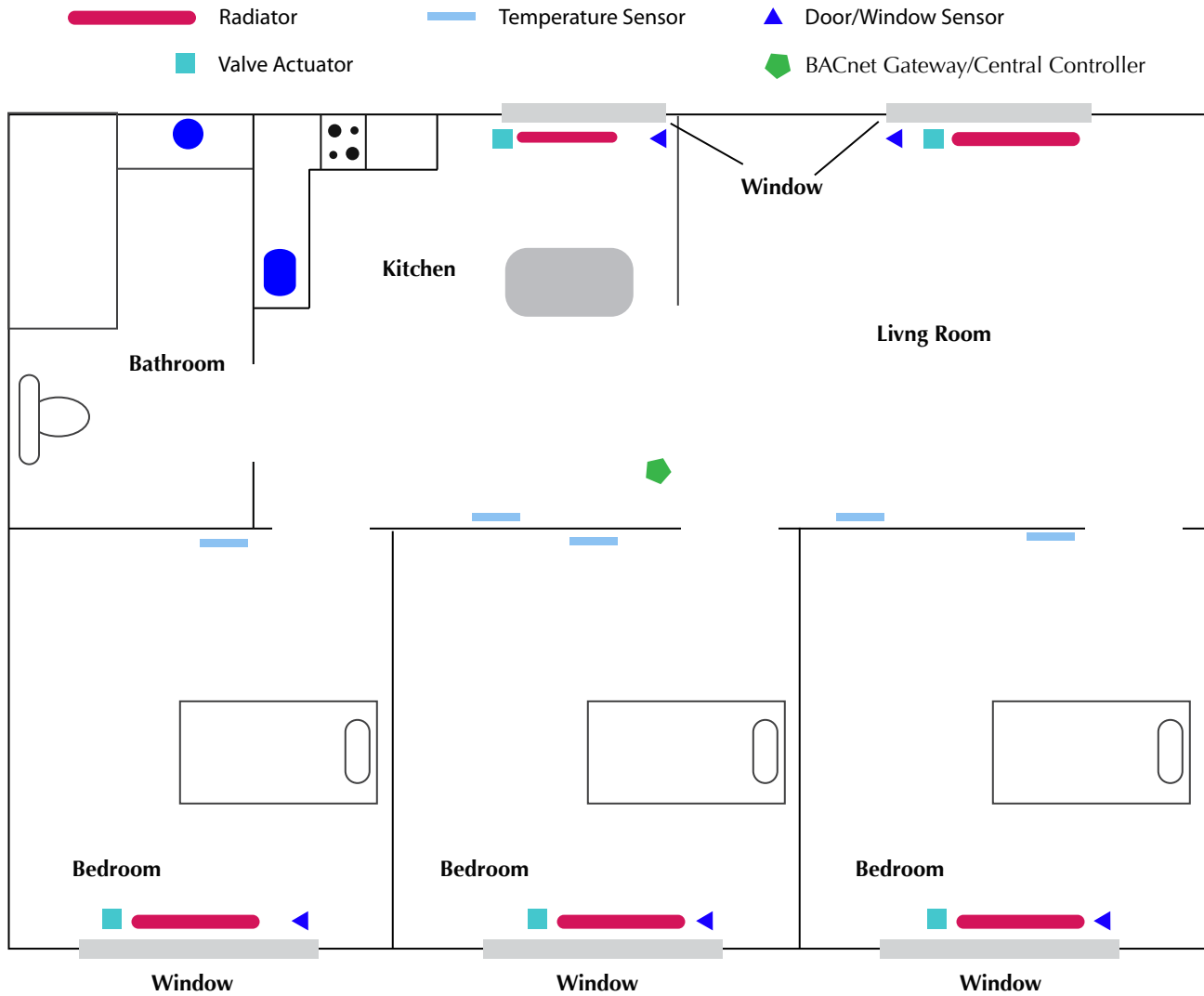
## A Better Solution

*The ILLUMRA Wireless Way*

- 3 hours to install - 1 HVAC professional
- Easy quick install
- Minimal disruption to students
- BACnet integrates controls and allows centralized control via the Internet



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## Controls Needed for Project



**Actuator**  
E8X-VAVTP  
(Qty 5)



**Door/Window Sensor**  
E8T-MDCCP  
(Qty 5)



**Temperature Sensor/Controller**  
E3T-SR04  
(QTY 5)



**BACnet Gateway**  
E3X-BACFP  
(Qty 1)

### Features:

- Automatic Coupling
- Temperature sent point
- Works with steam or water

### Benefits:

- Quick and easy install
- 30% energy savings
- Minimal impact on students